TETRA TECH

December 9, 2020

Mr. Christopher Tripp
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Subject: **Removal Site Evaluation Report**
Davidson Community Asbestos
Davidson, Mecklenburg County, North Carolina
EPA Contract No.: 68HE0519D0006
Task Order / Task Order Line Item No.: 68HE0419F0097 / 97-005

Dear Mr. Tripp:

The Tetra Tech, Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) submits this letter report summarizing removal site evaluation (RSE) activities at the Davidson Community Asbestos RSE site (the Site) in Davidson, Mecklenburg County, North Carolina. This report includes five enclosures and one attachment. Figures are in Enclosure 1. A summary of sampling data is in Enclosure 2. Field logbook notes are in Enclosure 3. The photographic log is in Enclosure 4. The Table of Witnesses is in Enclosure 5. Attachment 1 is the Tetra Tech sub-contract laboratory data package.

BACKGROUND

The Davidson Community Asbestos Site is in a residential area of Davidson, Mecklenburg County, North Carolina. The Site surrounds a former asbestos mill at 219 Depot Street. Surrounding properties vary in size. Coordinates at the Site (as measured from the approximate center of the former asbestos mill) are latitude 35.50054 degrees north and longitude 80.85086 degrees west (see Figures 1 and 2 in Enclosure 1).

First developed around 1890, the mill was occupied by numerous industrial operations, including an asbestos shingle manufacturer. Reportedly, the manufacturer buried asbestos tailings and other asbestos-related wastes in a low depression (disposal area) on the western side of the Site.[1]

In February 1984, a resident found her child covered in "a whitish material" after playing in an open portion of the Site. The resident filed a complaint with the Mecklenburg County Department of Environmental Health (MCDEH). Responding to the complaint in that same month of February 1984, MCDEH collected 66 surface and shallow-subsurface soil samples at and near the Site: 62 samples on Site and four samples off Site. Of the 62 samples collected on Site, the asbestos content of one sample was less than 1 percent, 17 samples had asbestos concentrations between 1 and 10 percent, 33 samples had asbestos concentrations between 11 and 30 percent, and 11 samples had asbestos concentrations greater than 30 percent. All four off-Site samples contained asbestos concentrations exceeding 1 percent.

[1] Background information from "Davidson Depot Site Summary," prepared by the North Carolina Department of Environmental Quality (NCDEQ) Brownfields, September 21, 2016.

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As a result of those findings, the County required the then-owner to take actions to address the exposure risk at the Site. In late 1984, the on-Site disposal area was closed. A portion of the disposal area was capped with soil, compacted, and covered with vegetation. The other portion was covered with an asphalt parking lot. In July 1984, MCDEH deemed the Site in compliance with mandated requirements.

In February 2002, MACTEC completed a subsurface asbestos investigation and advanced 36 borings on the Site as part of a brownfields assessment. Based on results from the borings, MACTEC estimated that 2,100 to 2,300 cubic yards of asbestos-containing material (ACM) was buried at the Site.

In 2015, the North Carolina Department of Environmental Quality (NCDEQ) deemed the Site eligible for its Brownfields Program. As part of additional development of the Site, additional soil testing was conducted on behalf of a prospective developer. The developer submitted a plan for addressing a portion of the on-Site asbestos contamination. This plan is still under review and development.

In 2016 and 2017, the U.S. Environmental Protection Agency (EPA) Region 4 assessed soil, sediment, and air in the surrounding neighborhood to address community concerns regarding possible impacts off the Site from the historical dumping and burial of ACM on the Site. At numerous parcels, asbestos was detected in soils at levels exceeding the site-specific criteria for removal (0.25 percent asbestos or greater via California Air Resources Board [CARB] Method 435 analysis, or 100,000 phase contrast microscopy equivalent structures per gram (PCMe s/g) via fluidized bed analysis [FBA]).

From May to September 2017, EPA conducted removal and restoration at the 32 parcels identified as meeting the site-specific criteria for removal.

In late 2019 and early 2020, members of the Davidson community requested asbestos testing at additional parcels. NCDEQ and EPA agreed to expand the study area, and to pursue access agreements from property owners who had denied or had not responded to access solicitations during the 2016/2017 assessment. Additionally, an assessment on behalf of the Town of Davidson, as part of improvements proposed at Roosevelt Wilson Park, identified asbestos in surface and subsurface soils. The North Carolina Department of Transportation (NCDOT) also conducted asbestos assessment work in surface and subsurface soils as part of a proposed sidewalk and road improvement project along Potts Street, Sloan Street, Griffith Street, and Beaty Street.

Based on these requests and assessment results, EPA tasked START with conducting an RSE in the additional parcels, Roosevelt Wilson Park, and in rights-of-way along the proposed NCDOT project. This report details results of the RSE.

ASSESSMENT ACTIVITIES

START conducted assessment work in accordance with the approved Final *Quality Assurance Project Plan: Davidson Community Asbestos* (QAPP), dated May 18, 2020. The QAPP proposed a sampling protocol that mirrored the protocol followed in the 2016/2017 assessment. START conceptually divided parcels into decision units (DU) (e.g., front yard, back yard, garden). Within each DU, START sampling teams used AMS Gator Probes to collect 5-point composite soil samples within the intervals of 0 to 3 and 3 to 6 inches below ground surface (bgs). At the Ada Jenkins Center in the raised planter beds, START collected an additional soil sample within the 6- to 12-inch bgs interval. The sampling teams also collected bulk material samples of observed ACM such as weathered chunks of tile in driveways of residences. In total, START collected 511 soil samples and four bulk material samples over the course of six field events.

START submitted all samples to EMSL Analytical, Inc. of Cinnaminson, New Jersey. EMSL analyzed all soil samples for asbestos content via CARB Method 435, and all bulk material samples according to EPA Method 600/R-93 via polarized light microscopy (PLM). Soil samples found to contain asbestos concentration less than 0.25 percent via CARB underwent FBA.

Figure 2 in Enclosure 1 depicts locations of parcels sampled during the RSE.

RESULTS

No asbestos was detected in 488 of the soil samples collected. Of the remaining 23 soil samples, 10 contained asbestos at less than 0.25 percent, and three contained asbestos at concentrations ranging from 0.25 to 1.75 percent. The 10 samples with asbestos concentrations less than 0.25 percent were submitted for FBA. Asbestos concentrations in the bulk material samples ranged from non-detect to 20 percent chrysotile asbestos.

Sampling locations and results are summarized in Enclosure 2. Laboratory data packages are in Attachment 1.

EPA Region 4 Scientific Support Section determined that concentrations meeting or exceeding any of the following levels rendered a parcel eligible for consideration for a removal action:

- Soil with an asbestos content equal to or greater than 0.25 percent, as determined via CARB Method 435 analysis;
- Parcels containing bulk material equal to or greater than 1 percent ACM; and,
- Soil with total PCMe structures exceeding 100,000 PCMe s/g, as determined via FBA.

Based on this RSE, the following DUs at eight parcels meet the criteria for removal:

- 159 Mock Road: 0.25 percent asbestos in back yard surface soil and 0.75 percent asbestos in backyard subsurface soil;
- 207 Mock Road: 0.25 percent asbestos in front yard subsurface soil;
- 416 Brandon Street: 195,701 PCMe s/g in front yard surface soil;

- 216 Crane Street: 0.50 percent asbestos in front yard surface soil;
- Roosevelt Wilson Park: 0.25 percent asbestos in the northern central portion of the park near Griffith Street;
- 235 Crane Street: 0.25 percent asbestos in front yard surface soil;
- 445 Brandon Street: 20 percent ACM bulk material in the driveway; and,
- 136 Mock Circle: 20 percent bulk material in the driveway and runoff pathway, 1.5 percent asbestos in the front yard surface soil, 0.75 percent asbestos in the front yard subsurface, 1.25 percent asbestos in the back yard surface soil, and 1.75 percent asbestos in the back yard subsurface.

CONCLUSIONS

START evaluated asbestos present in parcels in the vicinity of the former asbestos mill during the RSE. All soil and bulk material sampling results have been forwarded to the EPA Region 4 Scientific Support Section for a risk evaluation. Based on the criteria specified at the beginning of the project, eight parcels should be considered for a removal action.

This RSE was limited to properties for which EPA and NCDEQ were able to secure signed access agreements. Sampling results from one area should not be used to draw conclusions about asbestos content of soils in other areas.

If you have any questions or need additional copies of this letter report, please call me, John Snyder, at (678) 775-3085.

Sincerely,

John Snyder PG, PE
Tetra Tech START V Project Manager

Andrew F. Johnson
Tetra Tech START V Program Manager

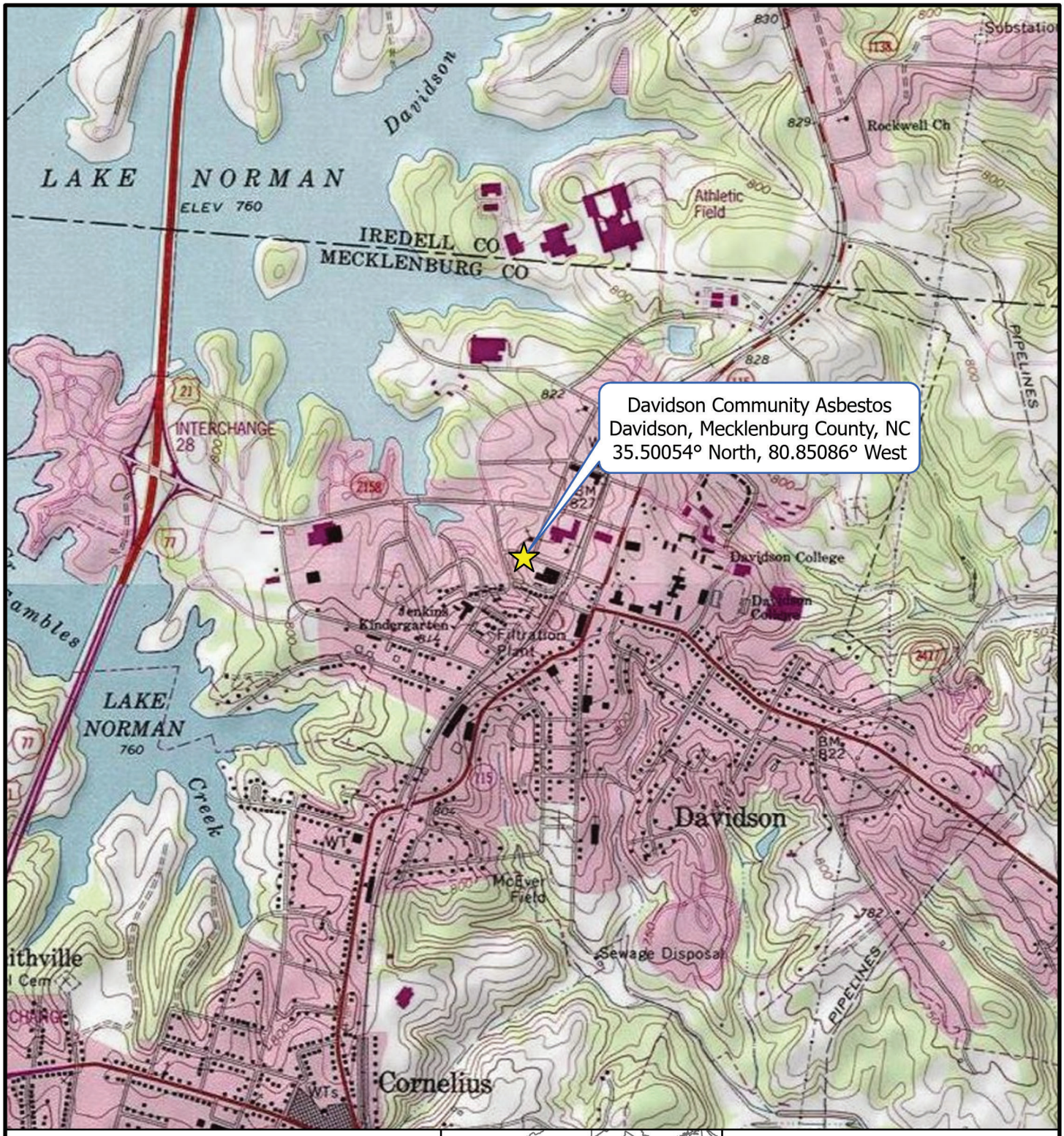
Enclosures (5)
Attachments (1)

cc: Katrina Jones, EPA Project Officer
Angel Reed, Tetra Tech START V Document Control Coordinator

ENCLOSURE 1

FIGURES

(Two Pages)



Legend

Site Location

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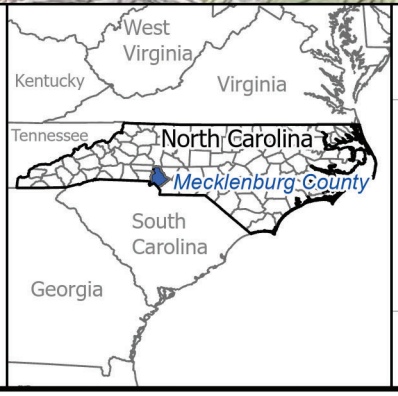


Map Source:
USGS 7.5 Minute Topographic Quadrangle Maps:
Cornelius, NC 1978 and Mooresville, NC 1979.

United States
Environmental Protection Agency
Region 4

FIGURE 1

Site Location

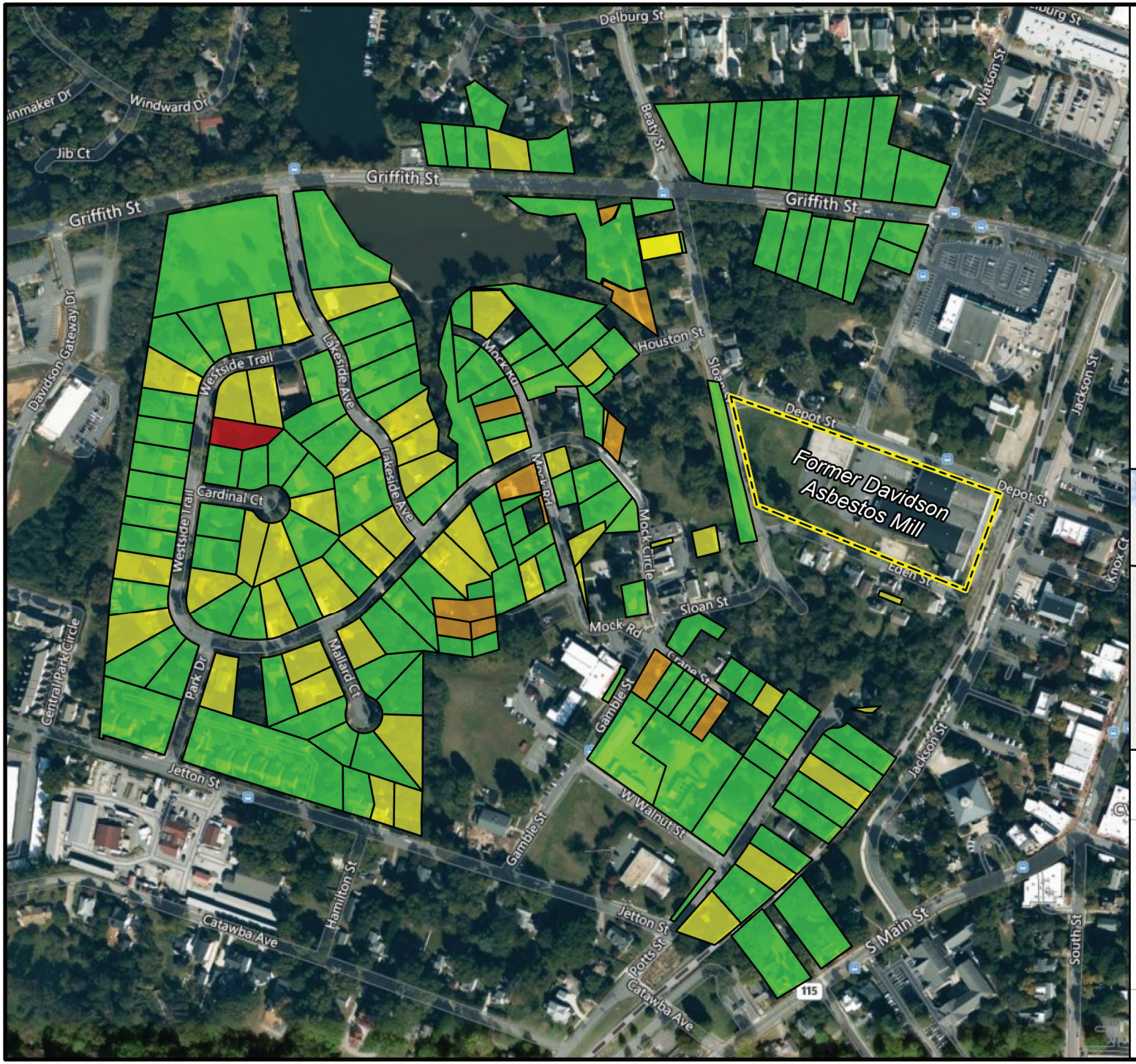
Site Name: Davidson Community Asbestos
TOLIN No.: 97-005

City:	County:	State:
Davidson	Mecklenburg	North Carolina

TETRA TECH

Date: 11/17/2020
Analyst: GREG.DOCEKAL

File: C:\Users\greg.docekal\Documents\ArcGIS\Projects\DavidsonAsbestos\DavidsonAsbestos.aprx



Legend

Status

- Access Requested
- Access Denied
- Sampled - No Further Action Required
- Sampled - Further Action Required

N
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Feet

Map Source:
Bing Maps Hybrid.

United States Environmental Protection Agency Region 4

FIGURE 2

Site Status

Site Name: Davidson Community Asbestos

TOLIN No.: 97-005

City:	County:	State:
Davidson	Mecklenburg	North Carolina

TETRA TECH

Date: 11/23/2020

Analyst: GREG.DOCEKAL

File: C:\Users\greg.docekal\Documents\ArcGIS\Projects\DavidsonAsbestos\DavidsonAsbestos.aprx

ENCLOSURE 2

TABLE

(13 Pages)

DAVIDSON COMMUNITY ASBESTOS REMOVAL SITE EVALUATION
DAVIDSON, MECKLENBURG COUNTY, NORTH CAROLINA
SAMPLE SUMMARY

Street Address	Sample ID	Date Collected	Location Description	Depth Collected	Analytical Results
321 Watson Street	DCA-SF-321WATSON-BY	6/8/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-321WATSON-BY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-321WATSON-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-321WATSON-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
314 Griffith Street	DCA-SF-314GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-314GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
320 Griffith Street	DCA-SF-320GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-320GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
322 Griffith Street	DCA-SF-322GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-322GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
324 Griffith Street	DCA-SF-324GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-324GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-324GRIFFITH-BY	6/8/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-324GRIFFITH-BY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
330 Griffith Street	DCA-SF-330GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-330GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
336 Griffith Street	DCA-SF-336GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-336GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
348 Griffith Street	DCA-SF-348GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-348GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
356 Griffith Street	DCA-SF-356GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-356GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-356GRIFFITH-BY	6/8/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-356GRIFFITH-BY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
243 Watson Street	DCA-SF-243WATSON-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-243WATSON-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-243WATSON-BY	6/8/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-243WATSON-BY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
315 Griffith Street	DCA-SF-315GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-315GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-315GRIFFITH-BY	6/8/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-315GRIFFITH-BY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
319 Griffith Street	DCA-SF-319GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-319GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-319GRIFFITH-BY	6/8/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-319GRIFFITH-BY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
325 Griffith Street	DCA-SF-325GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-325GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
331 Griffith Street	DCA-SF-331GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-331GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-331GRIFFITH-BY	6/8/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-331GRIFFITH-BY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

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DAVIDSON, MECKLENBURG COUNTY, NORTH CAROLINA
SAMPLE SUMMARY

Street Address	Sample ID	Date Collected	Location Description	Depth Collected	Analytical Results
335 Griffith Street	DCA-SF-335GRIFFITH-FY	6/8/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-335GRIFFITH-FY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-335GRIFFITH-BY	6/8/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-335GRIFFITH-BY	6/8/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
432 Griffith Street	DCA-SF-432GRIFFITH-RSY	6/9/2020	Right Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-432GRIFFITH-RSY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-432GRIFFITH-LSY	6/9/2020	Left Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-432GRIFFITH-LSY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
448 Griffith Street	DCA-SF-448GRIFFITH-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-448GRIFFITH-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-448GRIFFITH-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-448GRIFFITH-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
456 Griffith Street	DCA-SF-456GRIFFITH-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-456GRIFFITH-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
462 Griffith Street	DCA-SF-462GRIFFITH-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-462GRIFFITH-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Park, West of Lake	DCA-SF-PARKWESTLAKE-EAST	6/9/2020	East of Greenway	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKWESTLAKE-EAST	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-PARKWESTLAKE-NW	6/9/2020	Northwest Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKWESTLAKE-NW	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-PARKWESTLAKE-SOUTH	6/9/2020	Southern Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKWESTLAKE-SOUTH	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Park, SW corner of Lakeside Ave and Griffith St	DCA-SF-PARKGRIFFLAKESIDE-NE	6/9/2020	Northeast Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKGRIFFLAKESIDE-NE	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-PARKGRIFFLAKESIDE-NW	6/9/2020	Northwest Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKGRIFFLAKESIDE-NW	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-PARKGRIFFLAKESIDE-SE	6/9/2020	Southeast Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKGRIFFLAKESIDE-SE	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-PARKGRIFFLAKESIDE-SW	6/9/2020	Southwest Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKGRIFFLAKESIDE-SW	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
240 Lakeside Ave	DCA-SF-240LAKESIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-240LAKESIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-240LAKESIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-240LAKESIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
235 Lakeside Ave	DCA-SF-235LAKESIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-235LAKESIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-235LAKESIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-235LAKESIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
229 Lakeside Ave	DCA-SF-229LAKESIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-229LAKESIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-229LAKESIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-229LAKESIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

DAVIDSON COMMUNITY ASBESTOS REMOVAL SITE EVALUATION
DAVIDSON, MECKLENBURG COUNTY, NORTH CAROLINA
SAMPLE SUMMARY

Street Address	Sample ID	Date Collected	Location Description	Depth Collected	Analytical Results
211 Lakeside Ave	DCA-SF-211LAKESIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-211LAKESIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-211LAKESIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-211LAKESIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
204 Lakeside Ave	DCA-SF-204LAKESIDE-LSY	6/9/2020	Left Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-204LAKESIDE-LSY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-204LAKESIDE-RSY	6/9/2020	Right Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-204LAKESIDE-RSY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
505 Westside Terrace	DCA-SF-505WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-505WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-505WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-505WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
514 Westside Terrace	DCA-SF-514WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-514WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-514WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-514WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
101 Mallard Court	DCA-SF-101MALLARD-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-101MALLARD-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-101MALLARD-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-101MALLARD-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
105 Mallard Court	DCA-SF-105MALLARD-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-105MALLARD-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-105MALLARD-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-105MALLARD-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
528 Westside Terrace	DCA-SF-528WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-528WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-528WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-528WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
540 Westside Terrace	DCA-SF-540WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-540WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-540WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-540WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
663 Westside Terrace	DCA-SF-663WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-663WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-663WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-663WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
668 Westside Terrace	DCA-SF-668WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-668WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-668WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-668WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
652 Westside Terrace	DCA-SF-652WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-652WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-652WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-652WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

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650 Westside Terrace	DCA-SF-650WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-650WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-650WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-650WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
523 Cardinal Court	DCA-SF-523CARDINAL-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-523CARDINAL-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-523CARDINAL-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-523CARDINAL-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
655 Westside Terrace	DCA-SF-655WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-655WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-655WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-655WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
513 Westside Terrace	DCA-SF-513WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-513WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-513WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-513WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-513WESTSIDE-GRDN	6/9/2020	Garden Surrounding House	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-513WESTSIDE-GRDN	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
519 Westside Terrace	DCA-SF-519WESTSIDE-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-519WESTSIDE-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-519WESTSIDE-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-519WESTSIDE-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
302 Potts Street	DCA-SF-302POTTS	6/9/2020	Along Potts Street	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-302POTTS	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
303 Potts Street	DCA-SF-303POTTS-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-303POTTS-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-303POTTS-LSY	6/9/2020	Left Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-303POTTS-LSY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-303POTTS-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-303POTTS-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
115 Potts Street	DCA-SF-115POTTS-FY	6/9/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-115POTTS-FY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-115POTTS-BY	6/9/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-115POTTS-BY	6/9/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
206 Potts Street	DCA-SF-206POTTS-RSY	6/10/2020	Right Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-206POTTS-RSY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
151 Walnut Street	DCA-SF-151WALNUT-FY	6/10/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-151WALNUT-FY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-151WALNUT-BY	6/10/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-151WALNUT-BY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-151WALNUT-GAMBLE	6/10/2020	Along Gamble Street	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-151WALNUT-GAMBLE	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

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Ada Jenkins Center	DCA-SF-AJC-BEDS	6/10/2020	Raised Garden Area Along Gamble Street	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-AJC-BEDS	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SBD1-AJC-BEDS	6/10/2020		6 to 12 Inches Below Ground Surface	No Asbestos Detected
201 Gamble Street	DCA-SF-201GAMBLE-FY	6/10/2020	Portion of Yard Facing Gamble Street/Crane Street	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-201GAMBLE-FY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-201GAMBLE-BY	6/10/2020	Northeast Portion of Parcel, Along Sloan Street	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-201GAMBLE-BY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
133 Mock Circle	DCA-SF-133MOCKC-FY	6/10/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-133MOCKC-FY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-133MOCKC-BY	6/10/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-133MOCKC-BY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
129 Mock Circle	DCA-SF-129MOCKC-FY	6/10/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-129MOCKC-FY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-129MOCKC-BY	6/10/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-129MOCKC-BY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
145 Mock Road	DCA-SF-145MOCKR-FY	6/10/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-145MOCKR-FY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-145MOCKR-BY	6/10/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-145MOCKR-BY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
153 Mock Road	DCA-SF-153MOCKR-FY	6/10/2020	Front Yard	0 to 3 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 96,170 s/g, PCMe)
	DCA-SB-153MOCKR-FY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-153MOCKR-BY	6/10/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-153MOCKR-BY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
159 Mock Road	DCA-SF-159MOCKR-FY	6/10/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-159MOCKR-FY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-159MOCKR-BY	6/10/2020	Back Yard	0 to 3 Inches Below Ground Surface	0.25% Asbestos
	DCA-SB-159MOCKR-BY	6/10/2020		3 to 6 Inches Below Ground Surface	0.75% Asbestos
207 Mock Road	DCA-SF-207MOCKR-FY	6/10/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-207MOCKR-FY	6/10/2020		3 to 6 Inches Below Ground Surface	0.25% Asbestos
	DCA-SF-207MOCKR-BY	6/10/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-207MOCKR-BY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
204 Mock Road	DCA-SF-204MOCKR	6/10/2020	Across Parcel	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-204MOCKR	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Mock Road Cul-de-Sac	DCA-SF-MOCKRCDS	6/10/2020	Parcel On South Side of Cul-de-Sac	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-MOCKRCDS	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Greenway, Mock Rd Cul-de-Sac to Westside Terrace	DCA-SF-PARKWESTSIDE-NORTH	6/10/2020	Northern Half of Parcel	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKWESTSIDE-NORTH	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-PARKWESTSIDE-SOUTH	6/10/2020	Southern Half of Parcel	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKWESTSIDE-SOUTH	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Park Parcel, wrapped around 222 Mock Road	DCA-SF-PARKLAKEWEST	6/10/2020	Portion of Park Parcel Adjacent to 222 Mock Road	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKLAKEWEST	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

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Park Parcel, behind 214 and 218 Mock Road	DCA-SF-PARKWESTCENTRAL-NW	6/10/2020	Northwest Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKWESTCENTRAL-NW	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-PARKWESTCENTRAL-SE	6/10/2020	Southeast Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKWESTCENTRAL-SE	6/10/2020		3 to 6 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 96,170 s/g, PCMe)
302 Houston Street	DCA-SF-302HOUSTON-FY	6/10/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-302HOUSTON-FY	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Roosevelt Park, along Griffith Street	DCA-SF-PARKGRIFFITH-WEST	6/10/2020	Western Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKGRIFFITH-WEST	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-PARKGRIFFITH-EAST	6/10/2020	Eastern Portion	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-PARKGRIFFITH-EAST	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
341 Sloan Street	DCA-SF-341SLOAN	6/10/2020	Whole Parcel	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-341SLOAN	6/10/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
304 Main Street	DCA-SF-304MAIN-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-304MAIN-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-304MAIN-RSY	6/23/2020	Right Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-304MAIN-RSY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-304MAIN-LSY	6/23/2020	Left Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-304MAIN-LSY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
131 Potts Street	DCA-SF-131POTTS-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-131POTTS-FY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-131POTTS-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-131POTTS-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
416 Brandon Street	DCA-SF-416BRANDON-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	Less than 0.25% Asbestos (195,701 s/g PCMe)
	DCA-SB-416BRANDON-FY	6/23/2020		3 to 6 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 97,524 s/g PCMe)
	DCA-SF-416BRANDON-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 97,524 s/g PCMe)
	DCA-SB-416BRANDON-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
414 Brandon Street	DCA-SF-414BRANDON	6/23/2020	Whole Parcel	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-414BRANDON	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
535 Westside Terrace	DCA-SF-535WESTSIDE-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-535WESTSIDE-FY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-535WESTSIDE-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-535WESTSIDE-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
187 Park Drive	DCA-SF-187PARK-LSY	6/23/2020	Left Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-187PARK-LSY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-187PARK-RSY	6/23/2020	Right Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-187PARK-RSY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
636 Westside Terrace	DCA-SF-636WESTSIDE-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-636WESTSIDE-FY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-636WESTSIDE-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-636WESTSIDE-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
203 Mock Road	DCA-SF-203MOCKR-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-203MOCKR-FY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-203MOCKR-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-203MOCKR-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

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638 Westside Terrace	DCA-SF-638WESTSIDE-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-638WESTSIDE-FY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-638WESTSIDE-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-638WESTSIDE-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
640 Westside Terrace	DCA-SF-640WESTSIDE-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-640WESTSIDE-FY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-640WESTSIDE-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-640WESTSIDE-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
219 Crane Street	DCA-SF-219CRANE-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	0.50% Asbestos
	DCA-SB-219CRANE-FY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-219CRANE-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-219CRANE-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
260 Main Street	DCA-SF-260MAIN-FY	6/23/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-260MAIN-FY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-260MAIN-BY	6/23/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-260MAIN-BY	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Houston Street ROW	DCA-SF-HOUSTONROW	6/23/2020	ROW, Both Sides of Road	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-HOUSTONROW	6/23/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
648 Westside Terrace	DCA-SF-648WESTSIDE-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-648WESTSIDE-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-648WESTSIDE-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-648WESTSIDE-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
503 Cardinal Court	DCA-SF-503CARDINAL-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-503CARDINAL-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-503CARDINAL-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-503CARDINAL-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
302 Jetton Street	DCA-SF-302JETTON-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-302JETTON-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-302JETTON-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-302JETTON-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
302 Lakeside Avenue	DCA-SF-302LAKESIDE-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-302LAKESIDE-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-302LAKESIDE-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-302LAKESIDE-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
241 Lakeside Avenue	DCA-SF-241LAKESIDE-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-241LAKESIDE-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-241LAKESIDE-RSY	8/4/2020	Right Side Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-241LAKESIDE-RSY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
234 Lakeside Avenue	DCA-SF-234LAKESIDE-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-234LAKESIDE-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-234LAKESIDE-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-234LAKESIDE-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

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226 Lakeside Avenue	DCA-SF-226LAKESIDE-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-226LAKESIDE-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-226LAKESIDE-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-226LAKESIDE-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
411 Westside Terrace	DCA-SF-411WESTSIDE	8/4/2020	Whole Parcel	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-441WESTSIDE	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Roosevelt Wilson Park Playground Area	DCA-SF-RWP-A	8/4/2020	Southeastern Extent of Playground	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-A	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-B	8/4/2020	Around PARK-15 and PARK-24	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-B	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-C	8/4/2020	Southern Extent of Playground, West of Sidewalk	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-C	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-D	8/4/2020	Western Extent; Central	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-D	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-E	8/4/2020	Northwest of Main Playground Area	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-E	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-F	8/4/2020	Around Main Playground Area	0 to 3 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 98,505 s/g PCMe)
	DCA-SB-RWP-F	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-G	8/4/2020	Mulch Immediately Surrounding Main Playground	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-G	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-H	8/4/2020	East of Main Playground	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-H	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-I	8/4/2020	Restroom Area	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-I	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-J	8/4/2020	North of Main Playground Area	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-J	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-K	8/4/2020	Northern Extent, Central	0 to 3 Inches Below Ground Surface	0.25% Asbestos
	DCA-SB-RWP-K	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-L	8/4/2020	Northwestern Extent of Playground Area	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-L	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-RWP-M	8/4/2020	Northeastern Extent of Playground Area	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-M	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
215 Mock Road	DCA-SF-215MOCKR-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-215MOCKR-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-215MOCKR-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-215MOCKR-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
211 Mock Road	DCA-SF-211MOCKR-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-211MOCKR-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-211MOCKR-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-211MOCKR-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

DAVIDSON COMMUNITY ASBESTOS REMOVAL SITE EVALUATION
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Street Address	Sample ID	Date Collected	Location Description	Depth Collected	Analytical Results
210 Mock Road	DCA-SF-210MOCKR-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-210MOCKR-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-210MOCKR-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-210MOCKR-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Gracian Investments Parcel Behind Mock Road	DCA-SF-MOCKR-ISLAND	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-MOCKR-ISLAND	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
514 Cardinal Court	DCA-SF-514CARDINAL-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 98,498 s/g PCMe)
	DCA-SB-514CARDINAL-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-514CARDINAL-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-514CARDINAL-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
612 Westside Terrace	DCA-SF-612WESTSIDE-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-612WESTSIDE-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-612WESTSIDE-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-612WESTSIDE-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
118 Mock Road	DCA-SF-118MOCKR-FY	8/4/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-118MOCKR-FY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-118MOCKR-BY	8/4/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-118MOCKR-BY	8/4/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-BM-118MOCKR	8/4/2020	Driveway Behind Pizza Shop	Ground Surface	No Asbestos Detected
114 Lake Davidson Court	DCA-SF-114LAKEDAVIDSON-FY	8/5/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-114LAKEDAVIDSON-FY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-114LAKEDAVIDSON-BY	8/5/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-114LAKEDAVIDSON-BY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
121 Mock Circle	DCA-SF-121MOCKC-FY	8/5/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-121MOCKC-FY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-121MOCKC-BY	8/5/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-121MOCKC-BY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
140 Mock Circle	DCA-SF-140MOCKC-FY	8/5/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-140MOCKC-FY	8/5/2020		3 to 6 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 98,515 s/g PCMe)
	DCA-SF-140MOCKC-BY	8/5/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-140MOCKC-BY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
152 Mock Road	DCA-SF-152MOCKR-FY	8/5/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-152MOCKR-FY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-152MOCKR-BY	8/5/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-152MOCKR-BY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
223 Crane Street	DCA-SF-223CRANE-FY	8/5/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-223CRANE-FY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-223CRANE-BY	8/5/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-223CRANE-BY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
128 Potts Street	DCA-SF-128POTTS-FY	8/5/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-128POTTS-FY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-128POTTS-BY	8/5/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-128POTTS-BY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

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Street Address	Sample ID	Date Collected	Location Description	Depth Collected	Analytical Results
235 Crane Street	DCA-SF-235CRANE-FY	8/5/2020	Front Yard	0 to 3 Inches Below Ground Surface	0.25% Asbestos
	DCA-SB-235CRANE-FY	8/5/2020		3 to 6 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 98,529 s/g PCMe)
	DCA-SF-235CRANE-BY	8/5/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-235CRANE-BY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
110 Mallard Court	DCA-SF-110MALLARD-FY	8/5/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-110MALLARD-FY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-110MALLARD-BY	8/5/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-110MALLARD-BY	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
412 Brandon Street	DCA-SF-412BRANDON	8/5/2020	Entire Lot	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-412BRANDON	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Potts Street ROW	DCA-SF-120POTTS-ROW	8/5/2020	120 Potts Street Right of Way	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-120POTTS-ROW	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Sloan Street ROW	DCA-SF-SLOANS-ROW	8/5/2020	West Side of Sloan Street, Southern Portion of Metrolina Parcel	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-SLOANS-ROW	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-SLOANN-ROW	8/5/2020	West Side of Sloan Street, Northern Portion of Metrolina Parcel	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-SLOANN-ROW	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-329SLOAN-ROW	8/5/2020	329 Sloan Street ROW	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-329SLOAN-ROW	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Griffith Street ROW	DCA-SF-RWP-ROW	8/5/2020	Northeastern Portion of RWP, along Griffith Street	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-RWP-ROW	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-331GRIFFITH-ROW	8/5/2020	331 Griffith Street ROW	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-331GRIFFITH-ROW	8/5/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
214 Crane Street	DCA-SF-214CRANE-FY	9/1/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-214CRANE-FY	9/1/2020		3 to 6 Inches Below Ground Surface	Less than 0.25% Asbestos (Less than 98,389 s/g PCMe)
	DCA-SF-214CRANE-BY	9/1/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-214CRANE-BY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
225 Crane Street	DCA-SF-225CRANE-FY	9/1/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-225CRANE-FY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-225CRANE-BY	9/1/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-225CRANE-BY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
445 Brandon Street	DCA-SF-445BRANDON	9/1/2020	Entire Lot	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-445BRANDON	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
451 Brandon Street	DCA-SF-451BRANDON	9/1/2020	Entire Lot	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-451BRANDON	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
214 Mock Road	DCA-SF-214MOCKR-FY	9/1/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-214MOCKR-FY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-214MOCKR-BY	9/1/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-214MOCKR-BY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
643 Westside Terrace	DCA-SF-643WESTSIDE-FY	9/1/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-643WESTSIDE-FY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-643WESTSIDE-BY	9/1/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-643WESTSIDE-BY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

DAVIDSON COMMUNITY ASBESTOS REMOVAL SITE EVALUATION
DAVIDSON, MECKLENBURG COUNTY, NORTH CAROLINA
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Street Address	Sample ID	Date Collected	Location Description	Depth Collected	Analytical Results
510 Cardinal Court	DCA-SF-510CARDINAL-FY	9/1/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-510CARDINAL-FY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-510CARDINAL-BY	9/1/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-510CARDINAL-BY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
The Bungalows	DCA-SF-BUNGALOW-SHED	9/1/2020	Vacant Area on East Side	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-BUNGLAOW-SHED	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-BUNGALOW-E-FY	9/1/2020	Five eastern bungalows, Jetton Street side	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-BUNGLAOW-E-FY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-BUNGALOW-E-BY	9/1/2020	Five eastern bungalows, parking lot side	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-BUNGLAOW-E-BY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-BUNGALOW-OFFICE	9/1/2020	Around office and courtyard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-BUNGLAOW-OFFICE	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-BUNGALOW-W-FY	9/1/2020	Five western bungalows, Jetton Street side	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-BUNGLAOW-W-FY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-BUNGALOW-W-BY	9/1/2020	Five western bungalows, parking lot side	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-BUNGLAOW-W-BY	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
Gracian Investments Parcel Behind 411 Westside Terrace	DCA-SF-WESTSIDE-ISLAND	9/1/2020	Entire Lot	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-WESTSIDE-ISLAND	9/1/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
139 Potts Street	DCA-SF-139POTTS-FY	9/30/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-139POTTS-FY	9/30/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-139POTTS-BY	9/30/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-139POTTS-BY	9/30/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
231 Crane Street	DCA-SF-231CRANE-FY	9/30/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-231CRANE-FY	9/30/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-231CRANE-BY	9/30/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-231CRANE-BY	9/30/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
136 Mock Circle	DCA-SF-136MOCKC-FY	9/30/2020	Front Yard	0 to 3 Inches Below Ground Surface	1.5% Asbestos
	DCA-SB-136MOCKC-FY	9/30/2020		3 to 6 Inches Below Ground Surface	0.75% Asbestos
	DCA-SF-136MOCKC-BY	9/30/2020	Back Yard	0 to 3 Inches Below Ground Surface	1.25% Asbestos
	DCA-SB-136MOCKC-BY	9/30/2020		3 to 6 Inches Below Ground Surface	1.75% Asbestos
	DCA-BM-136MOCKC-DW	9/30/2020	Left side Driveway	Ground Surface	20% Chrysotile Asbestos
	DCA-BM-136MOCKC-RO	9/30/2020	Runoff pathway, in front of house, around right side of	Ground Surface	20% Chrysotile Asbestos
445 Brandon Street	DCA-BM-445BRANDON-DW	9/30/2020	Driveway to left of house and around	Ground Surface	20% Chrysotile Asbestos
127 Potts Street	DCA-SF-127POTTS-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-127POTTS-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-127POTTS-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-127POTTS-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
119 Potts Street	DCA-SF-119POTTS-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-119POTTS-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-119POTTS-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-119POTTS-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

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Street Address	Sample ID	Date Collected	Location Description	Depth Collected	Analytical Results
120 Potts Street	DCA-SF-120POTTS-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-120POTTS-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-120POTTS-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-120POTTS-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
116 Potts Street	DCA-SF-116POTTS-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-116POTTS-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-116POTTS-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-116POTTS-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
220 Crane Street	DCA-SF-220CRANE-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-220CRANE-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-220CRANE-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-220CRANE-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
229 Crane Street	DCA-SF-229CRANE-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-229CRANE-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-229CRANE-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-229CRANE-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
402 Brandon Street	DCA-SF-402BRANDON-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-402BRANDON-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-402BRANDON-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-402BRANDON-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
443 Brandon Street	DCA-SF-443BRANDON	10/15/2020	Entire Lot	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-443BRANDON	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
447 Brandon Street	DCA-SF-447BRANDON	10/15/2020	Entire Lot	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-447BRANDON	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
103 Mallard Court	DCA-SF-103MALLARD-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-103MALLARD-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-103MALLARD-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-103MALLARD-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
104 Mallard Court	DCA-SF-104MALLARD-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-104MALLARD-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-104MALLARD-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-104MALLARD-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
660 Westside Terrace	DCA-SF-660WESTSIDE-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-660WESTSIDE-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-660WESTSIDE-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-660WESTSIDE-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
506 Cardinal Court	DCA-SF-506CARDINAL-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-506CARDINAL-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-506CARDINAL-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-506CARDINAL-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

DAVIDSON COMMUNITY ASBESTOS REMOVAL SITE EVALUATION
DAVIDSON, MECKLENBURG COUNTY, NORTH CAROLINA
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Street Address	Sample ID	Date Collected	Location Description	Depth Collected	Analytical Results
626 Westside Terrace	DCA-SF-626WESTSIDE-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-626WESTSIDE-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-626WESTSIDE-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-626WESTSIDE-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
620 Westside Terrace	DCA-SF-620WESTSIDE-FY	10/15/2020	Front Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-620WESTSIDE-FY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected
	DCA-SF-620WESTSIDE-BY	10/15/2020	Back Yard	0 to 3 Inches Below Ground Surface	No Asbestos Detected
	DCA-SB-620WESTSIDE-BY	10/15/2020		3 to 6 Inches Below Ground Surface	No Asbestos Detected

Notes:

AJC: Ada Jenkins Center
BEDS: Garden beds
BM: Bulk material sample
BY: Back yard
DCA: Davidson Community Asbestos
DW: Driveway
E: East
FY: Front yard
GRDN: Garden
ID: Identification
LSY: Left side yard
NE: Northeast
NW: Northwest
RO: Runoff
ROW: Right-of-way
RSY: Right side yard
RWP: Roosevelt Wilson Park
SB: Subsurface soil sample
SBD1: Subsurface soil sample
SE: Southeast
SF: Surface soil sample
s/g PCMe: Structures per gram, phase contrast microscopy equivalents
SW: Southwest
W: West

ENCLOSURE 3

LOGBOOK NOTES

(19 Sheets)

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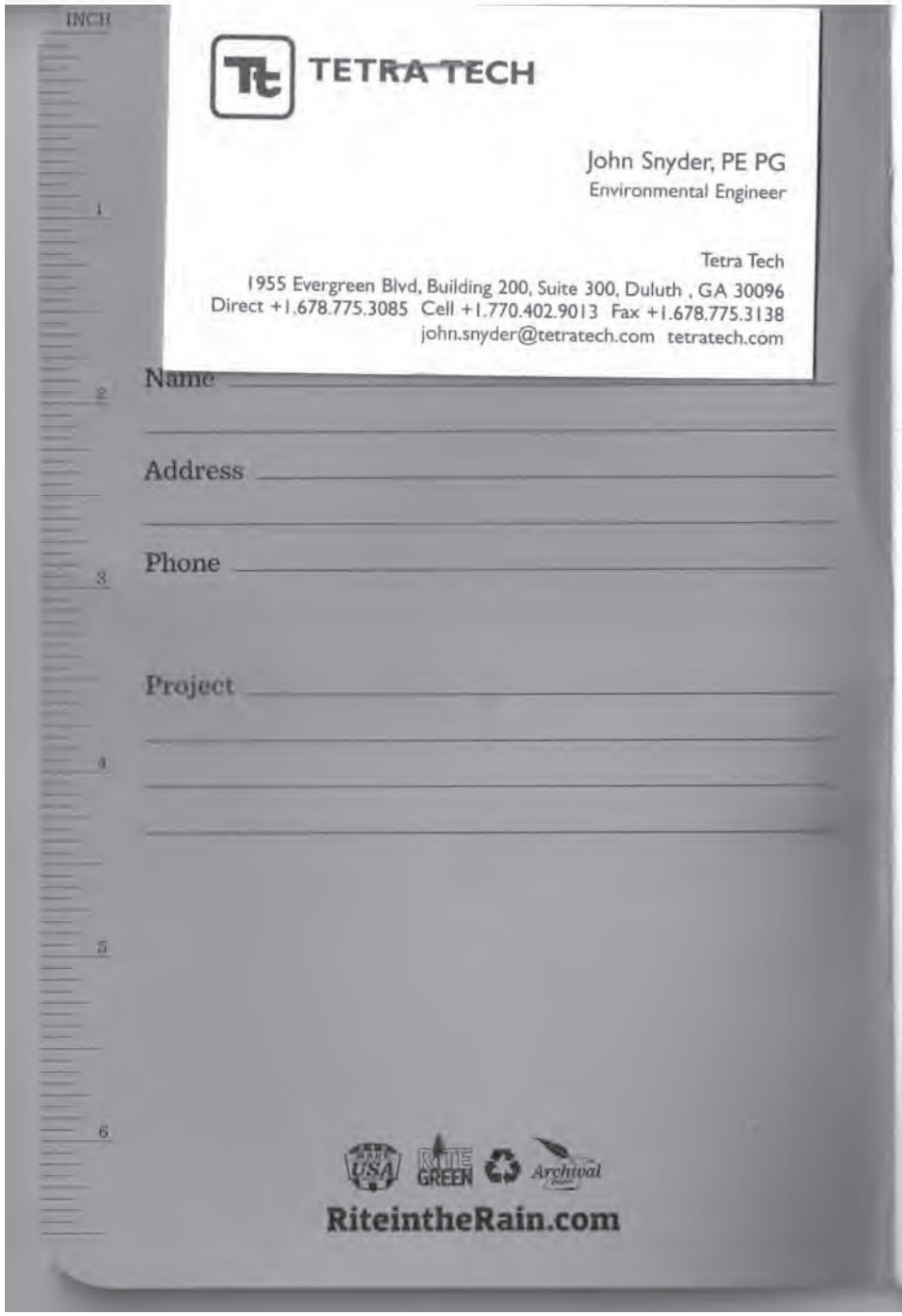
Tetra Tech START

Logbook 1 of 1



TETRA TECH

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Name

Address

Phone

Project

RiteintheRain.com

CONTENTS

PAGE	REFERENCE	DATE
	All sampling described herein conducted in accordance w/ EPA R4 LSASD FBQSTP, unless otherwise noted.	
	Chris Tapp - EPA OSC 470-426-3336	
	John Snyder - T+ START 770-402-9013	

2

6/8/2020

1300 · T+ JS, RS, + DR on site @ mill. DSCs Tripp + Swanson en route

Objective - begin parcel assessment

1315 - H+S brief · Covid, ACM

1320 - Head to first parcel

1329 - DCA - SF - 321 Watson - ~~JS RS~~ BY

1331 - DCA - SB - 321 Watson - ~~JS RS~~ BY

1336 - DCA · SF - 321 Watson - ~~RS JS~~ FY

1337 - DCA - SB - 321 Watson - ~~RS JS~~ FY

1341 - DCA - SF - 314 Griffith - FY

1344 - DCA - SB · 314 Griffith - FY

1348 - DCA - SF - 320 Griffith - FY

1349 - DCA - SB · 320 Griffith - FY

1359 - DCA - SF - 322 Griffith - FY

1400 - DCA - SB - 322 Griffith - FY

1406 - DCA - SF - 324 Griffith - FY

1407 - DCA - SB - 324 Griffith - FY

1408 - DCA - SF - 324 Griffith - BY

1409 - DCA - SB - 324 Griffith - BY

1417 DCA - SF - 330 Griffith - FY

1418 DCA - SB - 330 Griffith - FY

1448 DCA - SF - 336 Griffith - FY

1449 DCA - SB - 336 Griffith - FY

1457 DCA - SF - 348 Griffith - FY

1458 DCA - SB - 348 Griffith - FY

Scale: 1 square = _____

3

6/8/20 cont'd

1503 - DCA - SF - 356 Griffith - FY

1504 - DCA - SB - 356 Griffith - FY

1505 - DCA - SF - 356 Griffith - BY

1506 - DCA - SB - 356 Griffith - BY

1554 - DCA - SF - 243 Watson - FY

1555 - DCA - SB - 243 Watson - BY

1556 - DCA - SF · 243 Watson - FY

1557 - DCA - SB - 243 Watson - BY

1559 - DCA - SF - 315 Griffith - FY

1600 - DCA - SB - 315 Griffith - FY

1601 - DCA - SF - 315 Griffith - BY

1602 - DCA - SB · 315 Griffith - BY

1613 - DCA - SF - 319 Griffith - FY

1614 - DCA - SB · 319 Griffith - FY

1615 - DCA - SF - 319 Griffith - BY

1616 - DCA - SB - 319 Griffith - BY

1624 - DCA - SF - 325 Griffith - FY

1625 - DCA - SB - 325 Griffith - FY

1631 - DCA - SF - 331 Griffith - FY

1632 - DCA - SB - 331 Griffith - FY

1633 - DCA - SF - 331 Griffith - BY

1634 - DCA - SB - 331 Griffith - BY

1646 - DCA - SF - 335 Griffith - FY

1647 - DCA - SB - 335 Griffith - FY

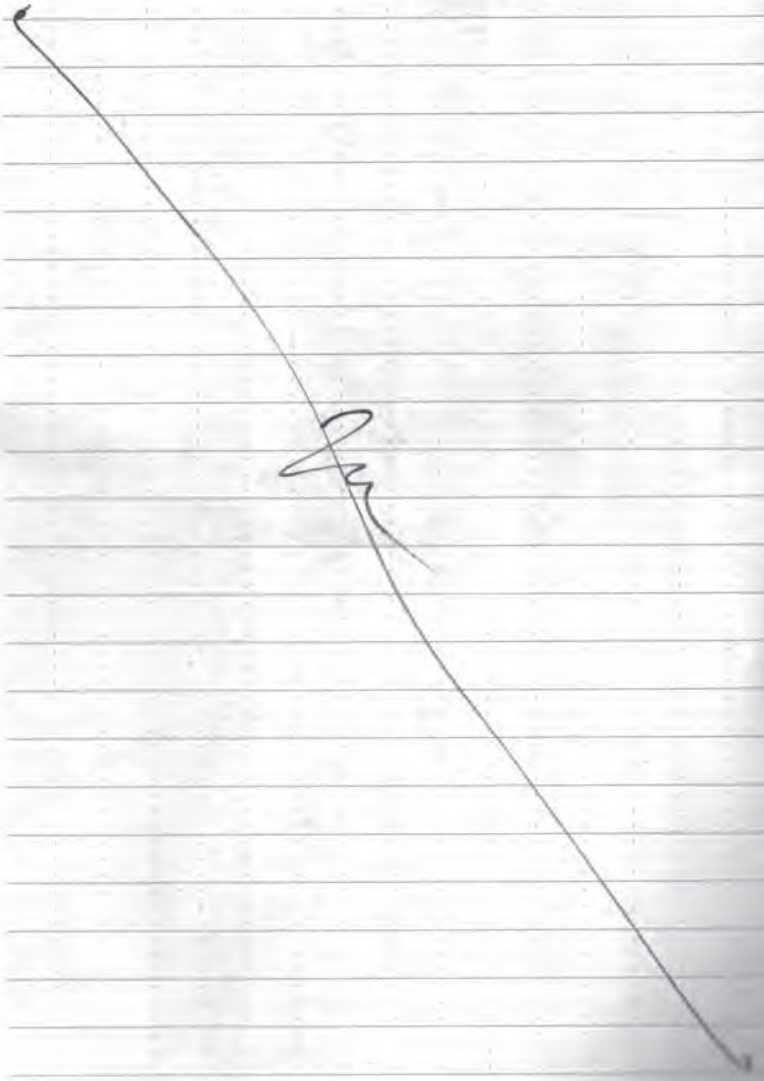
1648 - DCA - SF - 335 Griffith - BY

Scale: 1 square = _____

6/8/2020 cont'd

1649 - DCA - SB - 335 Griffith - BY

1720 - All off site



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6/9/2020

645 - T+ JS, DR, RS on-site
- H+S brief

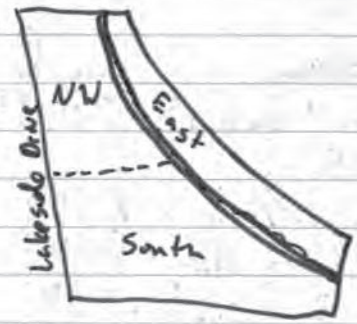
655 - Setup personal air sampling using pump 2476. start flow = 2.096 l/min
Start time = 705

0714 - DCA SF 432 Griffith - RSY
0715 - DCA - SB - 432 Griffith - RSY
0716 - DCA - SF - 432 Griffith - LSY
0717 - DCA - SB - 432 Griffith - LSY
0721 - DCA - SF - 448 Griffith - FY
0722 - DCA - SB - 448 Griffith - FY
0723 - DCA - SF - 448 Griffith - BY
0724 - DCA - SB - 448 Griffith - BY
0728 - DCA - SF - 456 Griffith - FY
0729 - DCA - SB - 456 Griffith - FY
0743 - DCA - SF - 462 Griffith - FY
0744 - DCA - SB - 462 Griffith - ~~BY~~ - FY
0817 - DCA - SF - ParkWestlake - East
0819 - DCA - SB - ParkWestLake - East
0821 - DCA - SF - ParkWestLake - NW
0822 - DCA - SB - ParkWestLake - NW
0823 - DCA - SF - ParkWestLake - South
0824 - DCA - SB - ParkWestLake - South

Scale: 1 square = _____

6/9/2020 cont'd

Park West Lake:



Park Griffith Lakeside:

835 - DCA - SF - Park Griffith Lakeside - NE
836 - DCA - SB - Park Griffith Lakeside - NE
838 - DCA - SF - Park Griffith Lakeside - NW
839 - DCA - SB - Park Griffith Lakeside - NW
840 - DCA - SF - Park Griffith Lakeside - SE
841 - DCA - SB - Park Griffith Lakeside - SE
842 - DCA - SF - Park Griffith Lakeside - SW
843 - DCA - SB - Park Griffith Lakeside - SW

Scale: 1 square = _____

6/9/2020 cont'd

0922 - DCA - SF - 240 Lakeside - FY
0923 - DCA - SB - 240 Lakeside - FY
0925 - DCA - SF - 240 Lakeside - BY
0926 - DCA - SB - 240 Lakeside - BY
0938 - DCA - SF - 235 Lakeside - FY
0939 - DCA - SB - 235 Lakeside - FY
0940 - DCA - SF - 235 Lakeside - BY
0941 - DCA - SB - 235 Lakeside - BY
0945 - DCA - SF - 229 Lakeside - FY
0946 - DCA - SB - 229 Lakeside - FY
0947 - DCA - SF - 229 Lakeside - BY
0948 - DCA - SB - 229 Lakeside - BY
1015 - DCA - SF - 211 Lakeside - FY
1016 - DCA - SB - 211 Lakeside - FY
1017 - DCA - SF - 211 Lakeside - BY
1018 - DCA - SB - 211 Lakeside - BY
1020 - DCA - SF - 204 Lakeside - LSY
1023 - DCA - SB - 204 Lakeside - LSY
1024 - DCA - SF - 204 Lakeside - RSY
1025 - DCA - SB - 204 Lakeside - RSY
1043 - DCA - SF - 505 Westside - FY
1044 - DCA - SB - 505 Westside - FY
1045 - DCA - SF - 505 Westside - BY
1046 - DCA - SB - 505 Westside - BY

Scale: 1 square = _____

6/9/2020 cont'd

1100 - DCA - SF - 514 Westside - FY
1101 - DCA - SB - 514 Westside - FY
1102 - DCA - SF - 514 Westside - BY
1103 - DCA - SB - 514 Westside - BY
1126 - DCA - SF - 101 Mallard - FY
1127 - DCA - SB - 101 Mallard - FY
1128 - DCA - SF - 101 Mallard - BY
1129 - DCA - SB - 101 Mallard - BY
1133 - DCA - SF - 105 Mallard - FY
1134 - DCA - SB - 105 Mallard - FY
1135 - DCA - SF - 105 Mallard - BY
1136 - DCA - SB - 105 Mallard - BY
1145 - Pause air sample : 2.097 L/mn
1155 - Lunch
1300 - Back on site
1303 Resume air pump @ 2.103 L/mn
1305 - DCA - SF - 528 Westside - FY
1306 - DCA - SB - 528 Westside - FY
1307 - DCA - SF - 528 Westside - BY
1308 - DCA - SB - 528 Westside - BY
1321 - DCA - SF - 540 Westside - FY
1323 - DCA - SB - 540 Westside - FY
1324 - DCA - SF - 540 Westside - BY
1325 - DCA - SB - 540 Westside - BY

Scale: 1 square = _____

6/9/2020 cont'd

1329 - DCA - SF - 663 Westside - FY
1330 - DCA - SB - 663 Westside - FY
1331 - DCA - SF - 663 Westside - BY
1332 - DCA - SB - 663 Westside - BY
1342 - DCA - SF - 668 Westside - FY
1343 - DCA - SB - 668 Westside - FY
1344 - DCA - SF - 668 Westside - BY
1345 - DCA - SB - 668 Westside - BY
1413 - DCA - SF - 652 Westside - FY
1414 - DCA - SB - 652 Westside - FY
1415 - DCA - SF - 652 Westside - BY
1416 - DCA - SB - 652 Westside - BY
1418 - DCA - SF - 650 Westside - FY
1420 - DCA - SB - 650 Westside - FY
1421 - DCA - SF - 650 Westside - BY
1422 - DCA - SB - 650 Westside - BY
1434 - DCA - SF - 523 Cardinal - FY
1435 - DCA - SB - 523 Cardinal - FY
1436 - DCA - SF - 523 Cardinal - BY
1437 - DCA - SB - 523 Cardinal - BY
1455 - DCA - SF - 655 Westside - FY
1456 - DCA - SB - 655 Westside - FY
1457 - DCA - SF - 655 Westside - BY
1458 - DCA - SB - 655 Westside - BY

Scale: 1 square = _____

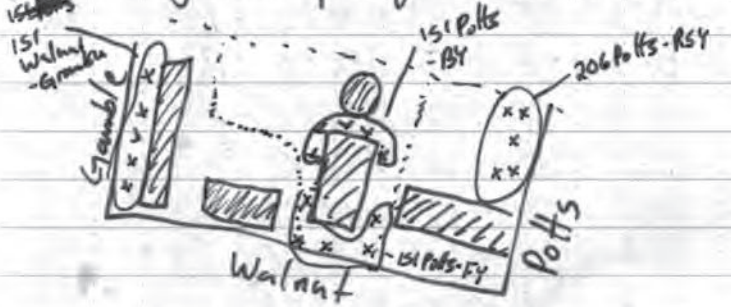
6/9/2020 cont'd

1524 - DCA - SF - 513 Westside - FY
1525 - DCA - SB - 513 Westside - FY
1526 - DCA - SF - 513 Westside - BY
1527 - DCA - SB - 513 Westside - BY
1528 - DCA - SF - 513 Westside - GRDN
1529 - DCA - SB - 513 Westside - GRDN
1536 - DCA - SF - 519 Westside - FY
1538 - DCA - SB - 519 Westside - FY
1539 - DCA - SF - 519 Westside - BY
1540 - DCA - SB - 519 Westside - BY
1554 - Turn off pump : flow rate : 2.128 L/min
- DCA - PAS - 20200609
1612 - DCA - ~~330~~ - SF - 302 Potts
1613 - DCA - SB - 302 Potts
~~1621~~ 1621 - DCA - SF - 303 Potts - FY
1622 - DCA - SB - 303 Potts - FY
1623 - DCA - SF - 303 Potts - LSY
1624 - DCA - SB - 303 Potts - LSY
1625 - DCA - SF - 303 Potts - BY
1626 - DCA - SB - 303 Potts - BY
1644 - DCA - SF - 115 Potts - FY
1645 - DCA - SB - 115 Potts - FY
1646 - DCA - SF - 115 Potts - BY
1647 - DCA - SB - 115 Potts - BY
1655 - All off site for the day

Scale: 1 square = _____

6/10/2020

0700 - T+ JS, RS, + DR on site @ public works facility on Potts St
0705 - H+S tailgate
0710 - Set up air sample, same pump - Start pump @ 2.100 L/min
0715 - Begin sampling @ Public Works



0719 - DCA - SF - 206 Potts - RSY
0720 - DCA - SB - 206 Potts - RSY
0730 - DCA - SF - 151 Walnut - FY
0731 - DCA - SB - 151 Walnut - ~~BY~~ FY
0733 - DCA - SF - 151 Walnut - BY
0734 - DCA - SB - 151 Walnut - BY
0746 - DCA - SF - 151 Walnut - Gramble
0747 - DCA - SB - 151 Walnut - Gramble
0800 - DCA - SF - AJC Beds - BEDS
0801 - DCA - SB - AJC - BEDS
0802 - DCA - SBD1 - AJC - BEDS (6-12")

Scale: 1 square = _____

6/10/2020

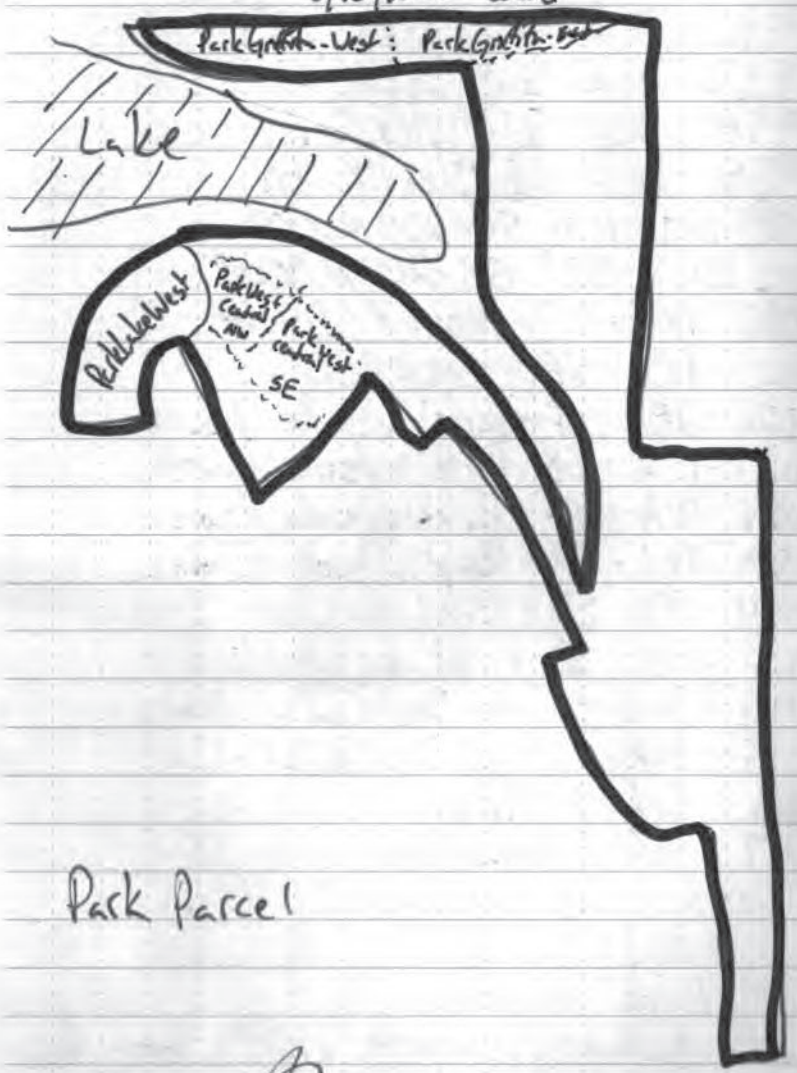
819 - DCA - SF - 201 Gamble - FY
820 - DCA - SB - 201 Gamble - FY
821 - DCA - SF - 201 Gamble - ~~BY~~ LSY
822 - DCA - SB - 201 Gamble - ~~BY~~ LSY
840 - DCA - SF - 133 MOCKC - FY
841 - DCA - SB - 133 MOCKC - FY
842 - DCA - SF - 133 MOCKC - BY
843 - DCA - SB - 133 MOCKC - BY
844 - DCA - SF - 129 MOCKC - FY
846 - DCA - SB - 129 MOCKC - FY
847 - DCA - SF - 129 MOCKC - BY
848 - DCA - SB - 129 MOCKC - BY
907 - DCA - SF - 145 MOCKR - FY
909 - DCA - SB - 145 MOCKR - FY
910 - DCA - SF - 145 MOCKR - BY
911 - DCA - SB - 145 MOCKR - BY
921 - DCA - SF - 153 MOCKR - FY
922 - DCA - SB - 153 MOCKR - FY
923 - DCA - SF - 153 MOCKR - BY
924 - DCA - SB - 153 MOCKR - BY
925 - DCA - SF - 159 MOCKR - FY
926 - DCA - SB - 159 MOCKR - FY
927 - DCA - SF - 159 MOCKR - BY
928 - DCA - SB - 159 MOCKR - BY

Scale: 1 square = _____

952 - DCA - SF - MOCKR - FY
953 - DCA - SB - MOCKR - FY
954 - DCA - SF - MOCKR - BY
955 - DCA - SB - MOCKR - BY
~~1005~~ 1010 - DCA - SF - 204 MOCKR
1011 - DCA - SB - 204 MOCKR
1022 - DCA - SF - MOCKRCOS
1023 - DCA - SB - MOCKRCOS
1026 - DCA - SF - Park Westside - North
1027 - DCA - SB - Park Westside - North
1028 - DCA - SF - Park Westside - South
1029 - DCA - SB - Park Westside - South
1054 - DCA - SF - Park Lake West
1055 - DCA - SB - Park Lake West
1113 - DCA - SF - Park West Central - NW
1115 - DCA - SB - Park West Central - NW
1116 - DCA - SF - Park West Central - SE
1117 - DCA - SB - Park West Central - SE
1130 - Air pump paused @ 2.070 L/min
- Lunch
1245 - Back on site
1255 - Resume pump @ 2.099 L/min
1256 - Collect DCA - SF - 302 Houston - FY
1257 - DCA - SB - 302 Houston - FY

Scale: 1 square = _____

6/10/2020 cont'd

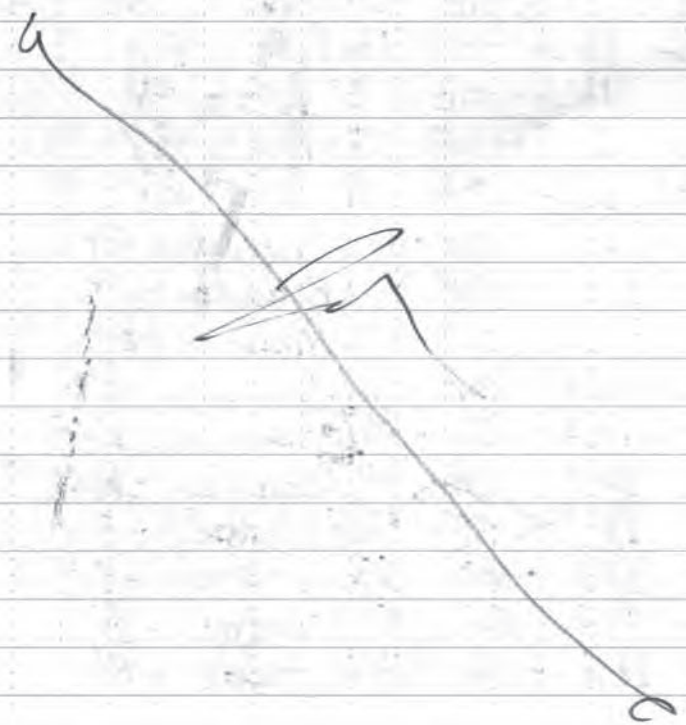


Park Parcel

Scale: 1 square = _____

6/10/2020 cont'd

1320 - DCA - SF - Park Griffith - West
1323 - DCA - SB - Park Griffith - West
1324 - DCA - SF - Park Griffith - East
1325 - DCA - SB - Park Griffith - East
1326 - DCA - SF - 341 Sloan
1327 - DCA - SB - 341 Sloan
1334 - Pump off @ 2.095 L/min
- DCA - PAS - 20200609
1400 - All off site



Scale: 1 square = _____

6/23/2020

1000 - T+ Snyder + Reed on site @ 304 S Main St (UMC church)
- clear, calm, sunny
- Begin parcel assessment
1030 - DCA - SF - 304 Main - BY
1031 - DCA - SB - 304 Main - BY
1035 - DCA - SF - 304 Main - RSY
1036 - DCA - SB - 304 Main - ~~LSY~~ RSY
1040 - DCA - SF - 304 Main - LSY
1041 - DCA - SB - 304 Main - LSY
1055 - DCA - SF - 131 Potts - FY
1056 - DCA - SB - 131 Potts - FY
1058 - DCA - SF - 131 Potts - BY
1059 - DCA - SB - 131 Potts - BY
1111 - DCA - SF - 416 Brandon - FY
1112 - DCA - SB - 416 Brandon - FY
1114 - DCA - SF - 416 Brandon - BY
1115 - DCA - SB - 416 Brandon - BY
1117 - DCA - SF - 416 Brandon - ~~RSY~~
1118 - DCA - SB - 416 Brandon - ~~RSY~~
1140 - DCA - SF - 535 Westside - FY
1141 - DCA - SB - 535 Westside - FY
1144 - DCA - SF - 535 Westside - BY
1145 - DCA - SB - 535 Westside - BY

Scale: 1 square = _____

6/23/2020 cont'd

1200 - DCA - SF - 187 Park - LSY
1201 - DCA - SB - 187 Park - LSY
1204 - DCA - SF - 187 Park - RSY
1205 - DCA - SB - 187 Park - RSY
1215 - DCA - SF - 636 Westside - FY
1216 - DCA - SB - 636 Westside - FY
1218 - DCA - SF - 636 Westside - BY
1219 - DCA - SB - 636 Westside - BY
1230 - DCA - SF - 203 Mock R - FY
1231 - DCA - SB - 203 Mock R - FY
1233 - DCA - SF - 203 Mock R - BY
1234 - DCA - SB - 203 Mock R - BY
1248 - DCA - SF - Houston ROW
1249 - DCA - SB - Houston ROW
1300 - DCA - SF - 638 Westside - FY
1301 - DCA - SB - 638 Westside - FY
1303 - DCA - SF - 638 Westside - BY
1304 - DCA - SB - 638 Westside - BY
1312 - DCA - SF - 640 Westside - FY
1313 - DCA - SB - 640 Westside - FY
1315 - DCA - SF - 640 Westside - BY
1316 - DCA - SB - 640 Westside - BY
1330 - DCA - SF - 219 Crane - FY
1331 - DCA - SB - 219 Crane - FY

Scale: 1 square = _____

6/23/2020 cont'd

1333 - DCA - 2nd SF - 219 Crane - BY
1334 - DCA - SB - 219 Crane - BY
1345 - DCA - SF - 260 Main - FY
1346 - DCA - SB - 260 Main - FY
1348 - DCA - SF - 260 Main - BY
1349 - DCA - SB - 260 Main - BY
1400 - All off site

Scale: 1 square = _____

8/4/2020

0910 - START Snyder + Reed on site w/ OSCs Tripp + Swanson - discuss approach
0920 - Set up @ 648 Westside Terrace
0945 - DCA - SF - 648 Westside - FY
0946 - DCA - SB - 648 Westside - FY
0948 - DCA - SF - 648 Westside - BY
0949 - DCA - SB - 648 Westside - BY
0953 - DCA - SF - 503 Cardinal - FY
0954 - DCA - SB - 503 Cardinal - FY
0955 - DCA - SF - 503 Cardinal - BY
0956 - DCA - SB - 503 Cardinal - BY
1015 - DCA - SF - 302 Jefferson - FY
1016 - DCA - SB - 302 Jefferson - FY
1017 - DCA - SF - 302 Jefferson - BY
1018 - DCA - SB - 302 Jefferson - BY
1035 - DCA - SF - 302 Lakeside - FY
1036 - DCA - SB - 302 Lakeside - FY
1037 - DCA - SF - 302 Lakeside - BY
1038 - DCA - SB - 302 Lakeside - BY
1050 - DCA - SF - 241 Lakeside - FY
1051 - DCA - SB - 241 Lakeside - FY
1052 - DCA - SF - 241 Lakeside - RSY
1053 - DCA - SB - 241 Lakeside - RSY

Scale: 1 square = _____

8/4/2020 cont'd

1112 - DCA - SF - 234 Lakeside - FY
1113 - DCA - SB - 234 Lakeside - FY
1115 - DCA - SF - 234 Lakeside - BY
1116 - DCA - SB - 234 Lakeside - BY
1130 - DCA - SF - 226 Lakeside - FY
1131 - DCA - SB - 226 Lakeside - FY
1132 - DCA - SF - 226 Lakeside - BY
1133 - DCA - SB - 226 Lakeside - BY
1155 - DCA - SF - 411 Westside
1156 - DCA - SB - 411 Westside
1200 - Lunch
1300 - Back to Roosevelt Wilson Park to meet ToD Wright.
1337 - DCA - SF - RWP - A
1338 - DCA - SB - RWP - A
1340 - DCA - SF - RWP - B
1341 - DCA - SB - RWP - B
1350 - DCA - SF - RWP - C
1351 - DCA - SB - RWP - C
1355 - DCA - SF - RWP - D
1356 - DCA - SB - RWP - D
1358 - DCA - SF - RWP - E
1359 - DCA - SB - RWP - E
1410 - DCA - SF - RWP - F
1411 - DCA - SB - RWP - F

Scale: 1 square = _____

8/4/2020 cont'd

1413 - DCA - SF - RWP - G
1414 - DCA - SB - RWP - G
1425 - DCA - SF - RWP - H
1426 - DCA - SB - RWP - H
1428 - DCA - SF - RWP - I
1429 - DCA - SB - RWP - I
1435 - DCA - SF - RWP - J
1436 - DCA - SB - RWP - J
1438 - DCA - SF - RWP - K
1439 - DCA - SB - RWP - K
1442 - DCA - SF - RWP - L
1443 - DCA - SB - RWP - L
1445 - DCA - SF - RWP - M
1446 - DCA - SB - RWP - M
1525 - DCA - SF - 215 MockR - FY
1526 - DCA - SB - 215 MockR - FY
1527 - DCA - SF - 215 MockR - BY
1528 - DCA - SB - 215 MockR - BY
1538 - DCA - SF - 211 MockR - FY
1539 - DCA - SB - 211 MockR - FY
1540 - DCA - SF - 211 MockR - BY
1541 - DCA - SB - 211 MockR - BY
1549 - DCA - SF - 210 MockR - FY
1550 - DCA - SB - 210 MockR - FY

Scale: 1 square = _____

Rite in the Rain

8/4/2020 cont'd

1551 - DCA - SF - 210 MOCKR - BY
1552 - DCA - SB - 210 MOCKR - BY
1614 - DCA - SF - MOCKR - ISLAND
1615 - DCA - SB - MOCKR - ISLAND
1627 - DCA - SF - 514 Cardinal - FY
1628 - DCA - SB - 514 Cardinal - FY
1629 - DCA - SF - 514 Cardinal - BY
1630 - DCA - SB - 514 Cardinal - BY
1645 - DCA - SF - 612 Westside - FY
1646 - DCA - SB - 612 Westside - FY
1647 - DCA - SF - 612 Westside - BY
1648 - DCA - SB - 612 Westside - BY
1705 - Bulk material sample collected from customer pickup lot @ Davidson Craft Pizza. DCA - BM - 122 MOCKRd
1711 - DCA - SF - 118 MockR - FY
1712 - DCA - SB - 118 MOCKR - FY
1713 - DCA - SF - 118 MOCKR - BY
1714 - DCA - SB - 118 MOCKR - BY
1800 - All off site

Scale: 1 square =

8/5/2020

0900 - START Snyder + Reed to 114 Lake Davidson Circle to resume sampling.
Weather: clear, calm, 80°
0905 - Collect DCA - SF - 114 Lake Davidson - FY
0906 - DCA - SB - 114 Lake Davidson - FY
0908 - DCA - SF - 114 Lake Davidson - BY
0909 - DCA - SB - 114 Lake Davidson - BY
0930 - DCA - SF - 121 MOCKC - FY
0931 - DCA - SB - 121 MOCKC - FY
0933 - DCA - SF - 121 MOCKC - BY
0934 - DCA - SB - 121 MOCKC - BY
0946 - DCA - SF - 140 MOCKC - FY
0947 - DCA - SB - 140 MOCKC - FY
0948 - DCA - SF - 140 MOCKC - BY
0949 - DCA - SB - 140 MOCKC - BY
1005 - DCA - SF - 152 MOCKR - FY
1006 - DCA - SB - 152 MOCKR - FY
1007 - DCA - SF - 152 MOCKR - BY
1008 - DCA - SB - 152 MOCKR - BY
1021 - DCA - SF - 412 Brandon
1022 - DCA - SB - 412 Brandon
1035 - DCA - SF - 223 CRANE - FY
1036 - DCA - SB - 223 CRANE - FY

Scale: 1 square =

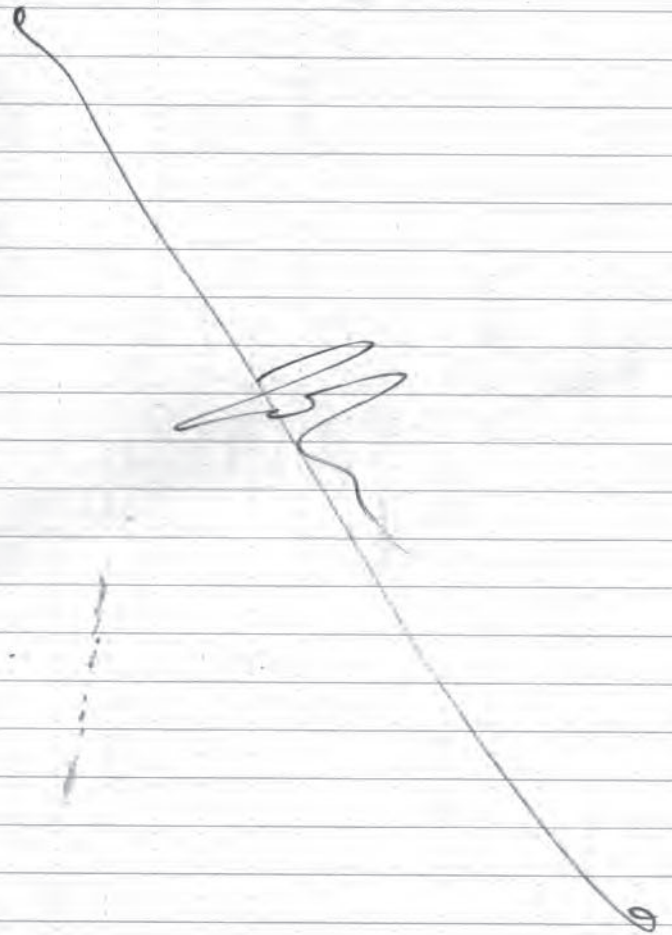
8/5/2020 cont'd

1037- DCA - SF - 223CRANE - BY
1038- DCA - SB - 223CRANE - BY
1050 - DCA - SF - 128POTTS - FY
1051 - DCA - SB - 128POTTS - FY
1052 - DCA - SF - 128POTTS - BY
1053 - DCA - SB - 128POTTS - BY
1115 - DCA - SF - 235CRANE - FY
1116 - DCA - SB - 235CRANE - FY
1118 - DCA - SF - 235CRANE - BY
1119 - DCA - SB - 235CRANE - BY
1134 - DCA - SF - 110 Mallard - FY
1135 - DCA - SB - 110 Mallard - FY
1137 - DCA - SF - 110 Mallard - BY
1138 - DCA - SB - 110 Mallard - BY
1210 - DCA - SF - 120 POTTS - ROW
1211 - DCA - SB - 120 POTTS - ROW
1225 - DCA - SF - SLOANS - ROW
1226 - DCA - SB - SLOANS - ROW
1231 - DCA - SF - SLOANN - ROW
1232 - DCA - SB - SLOANN - ROW
1242 - DCA - SF - 329 SLOAN - ROW
1243 - DCA - SB - 329 SLOAN - ROW
1250 - DCA - SF - RWP - ROW
1251 - DCA - SB - RWP - ROW

Scale: 1 square = _____

8/5/2020 cont'd

1255 - DCA - SF - 331 Griffith - ROW
1256 - DCA - SB - 331 Griffith - ROW
1305 - All off site



Scale: 1 square = _____

Rite in the Rain

9/1/2020

0905 - T+ Reed + Snyder w/ OSC Tripp on site @ warehouse.
0915 - Setup Gilian 5000 pump
START FLOW: 1.997 L/mn START TIME: 925
940 - Collect DCA-SF-214CRANE-FY
941 - DCA-SB-214CRANE-FY
942 - DCA-SF-214CRANE-BY
943 - DCA-SB-214CRANE-BY
946 - DCA-SF-225CRANE-FY
947 - DCA-SB-225CRANE-FY
948 - DCA-SF-225CRANE-BY
949 - DCA-SB-225CRANE-BY
1010 - DCA-SF-445BRANDON
1011 - DCA-SB-445BRANDON
1013 - DCA-SF-451BRANDON
1014 - DCA-SB-451BRANDON
1030 - DCA-SF-214LMOCKR-FY
1031 - DCA-SB-214MOCKR-FY
1032 - DCA-SF-214MOCKR-BY
1033 - DCA-SB-214MOCKR-BY
1051 - DCA-SF-643WESTSIDE-FY
1052 - DCA-SB-643WESTSIDE-FY
1053 - DCA-SF-643WESTSIDE-BY
1054 - DCA-SB-643WESTSIDE-BY

Scale: 1 square =

9/1/2020 cont'd

1108 - DCA-SF-510CARDINAL-FY
1109 - DCA-SB-510CARDINAL-FY
1110 - DCA-SF-510CARDINAL-BY
1111 - DCA-SB-510CARDINAL-BY
1130 - DCA-SF-BUNGALOW-SHED
1131 - DCA-SB-BUNGALOW-SHED
1135 - DCA-SF-BUNGALOWE-~~BY~~FY
1136 - DCA-SB-BUNGALOWE-FY
1138 - DCA-SF-BUNGALOWE-BY
1139 - DCA-SB-BUNGALOWE-BY
1151 - DCA-SF-BUNGALOW-OFFICE
1152 - DCA-SB-BUNGALOW-OFFICE
1200 - DCA-SF-BUNGALOWW-FY
1201 - DCA-SB-BUNGALOWW-~~BY~~FY
1204 - DCA-SF-BUNGALOWW-BY
1205 - DCA-SB-BUNGALOWW-BY
1215 - DCA-SF-~~MOCKISLAND~~WS - westside-ISLAND
1216 - DCA-SB-~~MOCKISLAND~~WS - WESTSIDE Island
1225 - END air sample DCA-PAS-20200901
End flow rate - 1.998 L/mn
1230 - All off site

Scale: 1 square =

9/30/2020

1000 - T+ Snyder on site @ 139 Potts St.
- Weather - Clear, Calm, 75°
1010 - Collect DCA-SF-139Potts-FY
1013 - Collect DCA-SB-139Potts-FY
1015 - Collect DCA-SF-139Potts-BY
1018 - Collect DCA-SB-139 Potts-BY
1030 - T+ to 231 Crane St.
1037 - Collect DCA-SF-231CRANE-FY
1038 - Collect DCA-SB-231CRANE-FY
1039 - Collect DCA-SF-231CRANE-BY
1040 - Collect DCA-SB-231CRANE-BY
1105 - Collect bulk material DCA-BM-445BRANDON-DW from driveway
1115 - T+ to 136 Mock Circle
1120 - Collect DCA-SF-136MOCKC-FY
1121 - Collect DCA-SB-136MOCKC-FY
1122 - Collect DCA-SF-136MOCKC-BY
1123 - Collect DCA-SB-136MOCKC-BY
1125 - Collect bulk material sample from driveway @ 136 Mock Circle: DCA-BM-136MOCKC-DW
1130 - Collect bulk material sample from runoff pathway: DCA-BM-136MOCKC-RO
1140 - Snyder off site

Scale: 1 square = _____

10/15/20

0900 - T+ Snyder + Reed on site @ Potts Street
Calibrate Gilian GilAir5 pumps

Sample	START FLOW	START TIME	STOP FLOW	STOP TIME
A	2250 mL/m	915	2273 mL/m	1330
B	2278 mL/m	915	Scrapped	

0925 - Collect DCA-SF-127POTTS-FY
0926 - Collect DCA-SB-127POTTS-FY
0927 - Collect DCA-SF-127POTTS-BY
0928 - Collect DCA-SB-127POTTS-BY
0936 - Collect DCA-SF-119POTTS-FY
0937 - Collect DCA-SB-119POTTS-BY FY
0938 - Collect DCA-SF-119POTTS-BY
0939 - Collect DCA-SB-119POTTS-BY
0950 - Collect DCA-SF-120POTTS-FY
0951 - Collect DCA-SB-120POTTS-FY
0952 - Collect DCA-SF-120POTTS-BY
0953 - Collect DCA-SB-120POTTS-BY
1001 - Collect DCA-SF-116POTTS-FY
1002 - Collect DCA-SB-116POTTS-FY
1003 - Collect DCA-SF-116POTTS-BY
1004 - Collect DCA-SB-116POTTS-BY
1016 - Collect DCA-SF-220CRANE-FY
1017 - Collect DCA-SB-220CRANE-FY

Scale: 1 square = _____

10/15/20 cont'd

1018 - Collect DCA - SF - 220 CRANE - BY
1019 - Collect DCA - SB - 220 CRANE - BY
1030 - Collect DCA - SF - 229 CRANE - FY
1031 - Collect DCA - SB - 229 CRANE - FY
1032 - Collect DCA - SF - 229 CRANE - BY
1033 - Collect DCA - SB - 229 CRANE - BY
1047 - Collect DCA - SF - 402 BRANDON - FY
1048 - Collect DCA - SB - 402 BRANDON - FY
1049 - Collect DCA - SF - 402 BRANDON - BY
1050 - Collect DCA - SB - 402 BRANDON - BY
1055 - "B" Pump keeps faulting. Sample scrapped
1101 - Collect DCA - SF - 443 BRANDON
1102 - Collect DCA - SB - 443 BRANDON
1104 - Collect DCA - SF - 447 BRANDON
1105 - Collect DCA - SB - 447 BRANDON
1206 - Collect DCA - SF - 103 MALLARD - FY
1207 - Collect DCA - SB - 103 MALLARD - FY
1208 - Collect DCA - SF - 103 MALLARD - BY
1209 - Collect DCA - SB - 103 MALLARD - BY
1215 - Collect DCA - SF - 104 MALLARD - FY
1216 - Collect DCA - SB - 104 MALLARD - FY
1217 - Collect DCA - SF - 104 MALLARD - BY
1218 - Collect DCA - SB - 104 MALLARD - BY

Scale: 1 square = _____

10/15/20 cont'd

1232 - Collect DCA - SF - 660 WESTSIDE - FY
1233 - Collect DCA - SB - 660 WESTSIDE - FY
1234 - Collect DCA - SF - 660 westside - BY
1235 - Collect DCA - SB - 660 WESTSIDE - BY
1245 - Collect DCA - SF - 506 CARDINAL - FY
1246 - Collect DCA - SB - 506 CARDINAL - FY
1247 - Collect DCA - SF - 506 CARDINAL - BY
1248 - Collect DCA - SB - 506 CARDINAL - BY
~~1301 - Collect DCA - SF - 637 Westside - FY~~
~~1302 - Collect DCA - SB - 637 Westside - FY~~
~~1303 - Collect DCA - SF - 637 Westside - BY~~
~~1304 - Collect DCA - SB - 637 Westside - BY~~
Tenet denied access to 637
1310 - Collect DCA - SF - 626 Westside - FY
1311 - Collect DCA - SB - 626 Westside - FY
1312 - Collect DCA - SF - 626 Westside - BY
1313 - Collect DCA - SB - 626 Westside - BY
1315 - Collect DCA - SF - 620 Westside - FY
1316 - Collect DCA - SB - 620 Westside - FY
1317 - Collect DCA - SF - 620 Westside - BY
1318 - Collect DCA - SB - 620 Westside - BY
1330 - Sampling pump off
1340 - All off site

Scale: 1 square = _____

End of
fieldwork

11/17/2020

Scale: 1 square = _____

Scale: 1 square = _____

48

Scale: 1 square = _____

ENCLOSURE 4

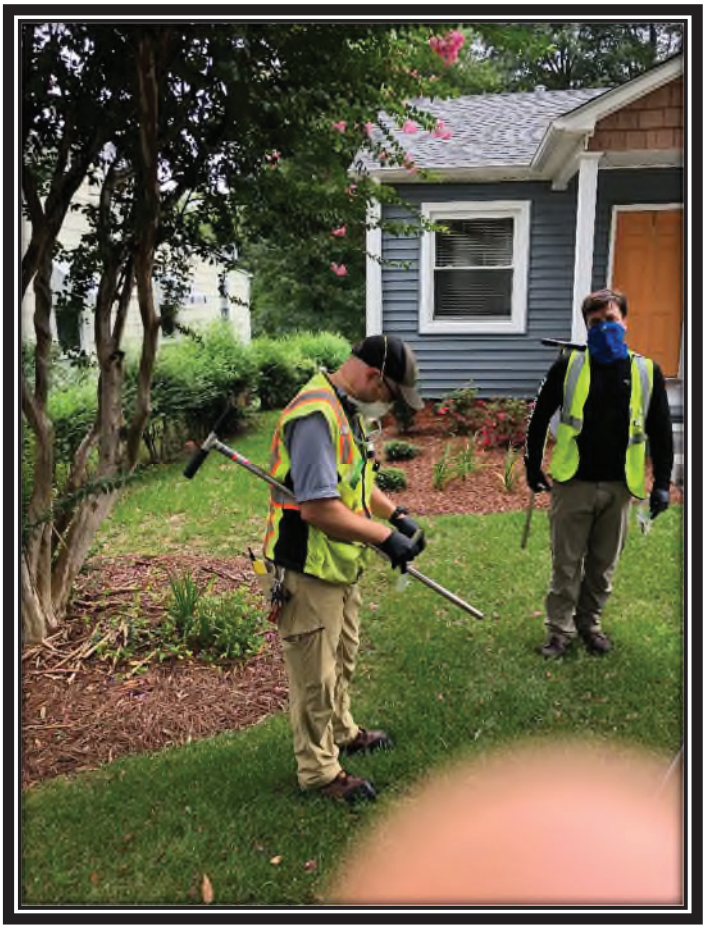
PHOTOGRAPHIC LOG

(Four Pages)

OFFICIAL PHOTOGRAPH NO. 1
U.S. ENVIRONMENTAL PROTECTION AGENCY

TOLIN:	97-005	**Location:**	Davidson Community Asbestos Removal Site Evaluation
Orientation:	East	**Date:**	August 5, 2020
Photographer:	Christopher Tripp, U.S. Environmental Protection Agency (EPA)	**Witness:**	John Snyder, Tetra Tech Inc. (Tetra Tech), Superfund Technical Assessment and Response Team (START)

Subject: Members of the START sampling team collected soil samples from residences along Mallard Court in Davidson, North Carolina.



OFFICIAL PHOTOGRAPH NO. 2
U.S. ENVIRONMENTAL PROTECTION AGENCY

TOLIN:	97-005	**Location:**	Davidson Community Asbestos Removal Site Evaluation
Orientation:	East-southeast	**Date:**	September 1, 2020
Photographer:	Christopher Tripp, US EPA	**Witness:**	John Snyder, Tetra Tech START
Subject:	Members of the START sampling team prepared to collect soil samples from residences along Mock Road in Davidson, North Carolina.		

OFFICIAL PHOTOGRAPH NO. 3
U.S. ENVIRONMENTAL PROTECTION AGENCY

TOLIN:	97-005	**Location:**	Davidson Community Asbestos Removal Site Evaluation
Orientation:	North	**Date:**	October 15, 2020
Photographer:	Christopher Tripp, US EPA	**Witness:**	John Snyder, Tetra Tech START
Subject:	Members of the START sampling team collected soil samples from residences along Westside Terrace in Davidson, North Carolina.		

OFFICIAL PHOTOGRAPH NO. 4
U.S. ENVIRONMENTAL PROTECTION AGENCY

TOLIN:	97-005	**Location:**	Davidson Community Asbestos Removal Site Evaluation
Orientation:	Not Applicable	**Date:**	September 30, 2020
Photographer:	John Snyder, Tetra Tech START	**Witness:**	None
Subject:	START collected bulk material samples from residences along Mock Circle in Davidson, North Carolina.		

February 13, 2015

Kimley-Horn & Associates
2000 South Boulevard, Suite 440
Charlotte, North Carolina 28203

Attention: Mr. Rob Hume, P.E.

Reference: **Geotechnical Letter Report**
Proposed Potts-Sloan Roadway
Davidson, North Carolina
S&ME Project No. 1335-14-117
NC PE Firm License No. F-0176

Dear Mr. Hume:

S&ME, Inc. (S&ME) is pleased to present this geotechnical letter report for the proposed roadway in Davidson, North Carolina. This exploration was performed in general accordance with our proposal No. 13-1400486R dated September 3, 2014. Authorization to proceed with this study was provided by execution of an IPO referencing the "Standard Master Agreement for Continuing Professional Services between Kimley-Horn and Associates, Inc. and a Subconsultant" executed by Kimley-Horn and Associates, Inc. and S&ME, Inc. dated March 9, 2010.

The purpose of this study was to determine the general subsurface conditions at the site, evaluate the subsurface materials for potential asbestos-containing materials, and to evaluate those conditions with regard to the design and construction of the proposed roadway. This report presents our findings together with our conclusions, recommendations and construction considerations for the proposed roadway.

PROJECT INFORMATION

Project information is based on telephone and e-mail correspondence between Rob Hume and Chris Tinklenberg of Kimley-Horn and Associates, Inc. (KHA) and Duane Bents of S&ME from June 18 through August 28, 2014. It is also based on a meeting between Mr. Tinklenberg and Mr. Bents on August 22, 2014, telephone conversations between Mr. Tinklenberg and Mr. Bents on September 4, 2014, and a telephone conversation between Mr. Tinklenberg and Luis Campos of S&ME on November 18, 2014.

We understand that KHA is providing preliminary design and environmental consulting services to the Town of Davidson for a planned roadway connecting Sloan Street and Potts Street. The approximate site area is shown on the attached Site Vicinity Map (Figure 1). Currently, two roadway alignments are being pursued in order to assess the impact to residences. Both alignments are likely to require up to 15 feet of fill placement. In addition, streetscape improvements (e.g., sidewalks, etc.) are planned along the west site of Sloan Street north of the new connector roadway. Some limited grading (less than 2 feet) will be required for the streetscape improvements along Sloan Street.

We understand that the large parcel located north and east of the study area (Mecklenburg County Parcel ID No. 00325301) addressed 301 Depot Street houses an industrial building that previously operated as an asbestos manufacturing facility (Carolina Asbestos Company). A *Report of Phase I ESA – Metrolina Warehouses* prepared by MACTEC and dated December 20, 2007 was provided to us and indicates that buried asbestos had been discovered during previous warehouse construction activities. As such, this study also investigated the subject improvement areas for asbestos containing materials.

The area being considered for the alignments is currently vacant woodland or occupied by single-family residences. There is also a creek that runs under Sloan Street and will cross the proposed alignments. The site generally slopes upward from north to south.

PURPOSE AND SCOPE

The purpose of this study was to explore the subsurface conditions at the site, assess the presence of asbestos-containing materials, and develop geotechnical recommendations for the design and construction of the project.

S&ME has completed the following scope of services for this project:

- Reviewed the *Report of Phase I ESA* prepared by MACTEC.
- Contacted North Carolina 811 to mark the location of existing underground utilities.
- Coordinated with the Town of Davidson to for right of entry.
- Mobilized a power drilling rig mounted on an all-terrain vehicle and crew to the site.
- A Certified Industrial Hygienist (CIH) and geotechnical engineer marked test locations and provided drilling oversight.
- Drilled ten (10) soil test borings at the site.
- Visually observed each sample in the field for potential asbestos-containing materials, performed geotechnical classification of the soils, and collected representative samples of materials.
- Backfilled the boreholes with soil cuttings, installed a hole closure device near the ground surface in each borehole, and backfilled with soil cuttings to the ground surface.

- Submitted samples to our NVLAP accredited laboratory for analysis using polarized light microscopy (PLM) with dispersion staining in accordance with the EPA 600/R-93/116 Method.
- Prepared this geotechnical letter report.

EXPLORATION PROCEDURES

In order to explore the general subsurface conditions at the project site, S&ME crews and equipment drilled ten soil test borings (B-1 through B-10) to depths of 8.4 to 14 feet below existing grades. The borings were advanced at the approximate locations shown on the attached Boring Location Plan (Figure 2). The locations of the borings were selected by S&ME and located in the field by a staff professional from our office using a non-differential hand-held GPS unit.

A CME 550X drill rig mounted on an ATV carrier was used to advance the borings with hollow-stem, continuous flight augers. Standard Penetration Test (SPT) split spoon sampling was continuously performed in the soil test borings and in general accordance with ASTM D 1586 to provide an index for estimating soil strength and relative density or consistency. The drill rig used to drill the borings is equipped with a hydraulic automatic hammer for penetration testing. In conjunction with the SPT testing, samples are obtained for soil classification purposes. Representative portions of each soil sample were observed by oversight personnel, and select samples were placed in glass jars and taken to our laboratory. Water level measurements were attempted in the boreholes at the termination of drilling.

During drilling activities, Jereme Willis and Jimmy Gosnell visually examined each sample in the field to assess the potential for asbestos-containing materials. Mr. Willis and Mr. Gosnell are accredited by the State of North Carolina as Asbestos Inspectors, North Carolina accreditation numbers 12896 and 12808, respectively. Samples taken from an area that was likely to contain asbestos-containing materials were selected for laboratory analysis. Representative samples were also selected from other areas for laboratory analysis.

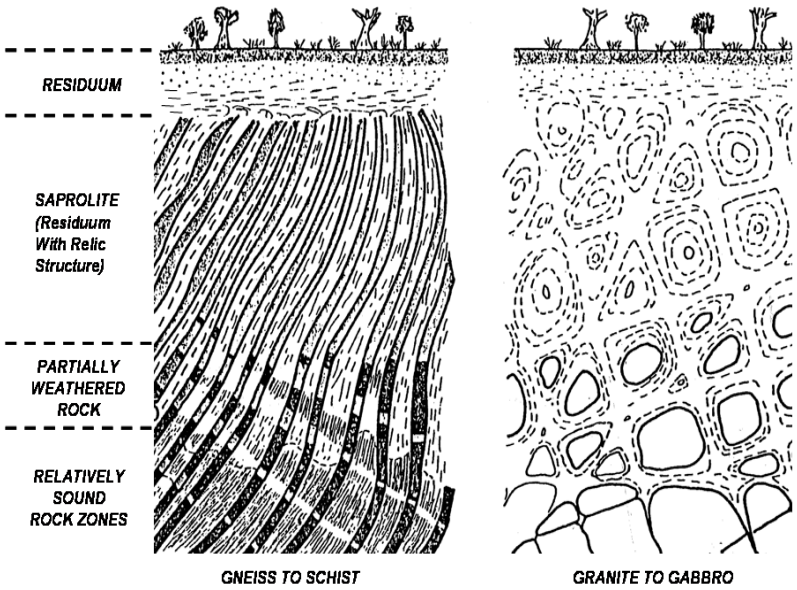
Also during drilling activities, a geotechnical staff professional visually examined each sample in the field to assess engineering properties of the soils. The geotechnical staff professional utilized the Unified Soil Classification System (USCS) to estimate the distribution of grain sizes, plasticity, organic content, moisture condition, color, presence of lenses and seams and apparent geological origin. The results of the classifications, as well as the field test results, are presented on the attached individual boring logs. Similar materials were grouped into strata on the logs. The strata contact lines represent approximate boundaries between the soil and rock types; the actual transition between the soil and rock types in the field may be gradual in both the horizontal and vertical directions.

GENERAL SITE GEOLOGY

The site is located within the Charlotte Belt section of the Piedmont Physiographic Province of North Carolina. The Piedmont Province generally consists of well-rounded hills and ridges, which are dissected by a well-developed system of draws and streams. The Piedmont Province is predominantly underlain by metamorphic rock (formed by heat, pressure and/or chemical action) and igneous rock (formed directly from molten material), which were initially formed during the Precambrian and Paleozoic eras. The volcanic and sedimentary rocks deposited in the Piedmont Province during the Precambrian eras were the host for the metamorphism and were changed to gneiss and schist. The more recent Paleozoic era had periods of igneous emplacement, with at least several episodes of regional metamorphism resulting in the majority of the rock types seen today.

The topography and relief of the Piedmont Province have developed from differential weathering of the igneous and metamorphic rock. Because of the continued chemical and physical weathering, the rocks in the Piedmont Province are now generally covered with a mantle of soil that has weathered in place from the parent bedrock. These soils have variable thicknesses and are referred to as residuum or residual soils. The residuum is typically finer grained and has higher clay content near the surface because of the advanced weathering. Similarly, the soils typically become coarser grained with increasing depth because of decreased weathering. As the degree of weathering decreases, the residual soils generally retain the overall appearance, texture, gradation and foliations of the parent rock.

The boundary between soil and rock in the Piedmont is not sharply defined. A transitional zone termed “weathered rock” is normally found overlying the parent bedrock. Weathered rock is defined for engineering purposes as residual material with Standard Penetration Resistances (N-values) exceeding 100 blows per foot. The transition between hard/dense residual soils and weathered rock occurs at irregular depths due to variations in degree of weathering. A depiction of typical weathering profiles in the Piedmont Province is presented in the following figure:



Typical Piedmont Weathering Profiles (After Sowers/Richardson, 1983)

Groundwater is typically present in the residual soils and within fractures in the weathered rock or underlying bedrock in the Piedmont. On upland ridges in the Piedmont, groundwater may or may not be present in the residual soils above the weathered rock and bedrock. Alluvial soils, which have been transported and deposited by water, are typically found in floodplains and are generally saturated to within a few feet of the ground surface. Fluctuations in groundwater levels are typical in residual soils and weathered rock in the Piedmont, depending on variations in precipitation, evaporation, and surface water runoff. Seasonal high groundwater levels are expected to occur during the typically wetter months of the year (November through April).

GEOTECHNICAL SUBSURFACE CONDITIONS

Subsurface conditions as indicated by the soil test borings generally consisted of surficial topsoil underlain by fill soils, alluvial soils, residual soils, and PWR to the boring termination depths. Generalized subsurface conditions are described below. For more detailed soil descriptions, stratifications and water levels at a particular test location, the respective boring log should be reviewed.

Streetscape Improvement Area

Borings B-1 through B-3 were drilled in the proposed streetscape improvement areas, north of the proposed alignment and west of Sloan Street.

Surface Materials: All of the soil test borings encountered surficial topsoil. The surficial topsoil thickness is measured approximately 1 to 2 inches.

Fill Soils: Beneath the surficial materials, fill soils were encountered in all borings to depths of 3 to 6.5 feet below the existing ground surface. The fill soils generally consisted of soft silty clay (CH), soft clayey silt (MH), soft sandy clay (CL), and loose clayey sand (SC). SPT N-values ranged from 3 to 7 blows per foot (bpf) in the fill soils.

Alluvial Soils: Alluvial soils were encountered underlying the fill soils to depths ranging from approximately 8.5 to 10 feet below existing grades. The alluvial soil consisted of firm to very stiff clayey silt (MH), and very loose to dense clayey sand (SC). N-values ranged from 4 to 33 bpf in the alluvial soils.

Residual Soils: Beneath the alluvial materials, residual soils were encountered in all of the borings. The residual soils generally consisted of loose to medium dense silty sand (SM). N-values ranged from 8 to 30 bpf in the residual soils. Borings B-1, B-2, and B-3 were terminated in residual soils.

Groundwater: Groundwater level measurements were attempted in the borings at the completion of drilling. Water was not encountered when water level measurements were attempted at boring termination, with the exception of Boring B-2, which encountered groundwater at a depth of 10.6 feet below the existing ground surface. The borehole cave-in depths for the soil test borings, which are also included on the individual logs, may be an indication of groundwater at or near the cave-in depth when the borings are extended below the groundwater level. All borings were backfilled at termination.

Eastern Alignment

Borings B-4 through B-7 and B-10 were drilled in the proposed eastern alignment for the new roadway. A generalized subsurface profile (Figure 3) is attached for reference.

Surface Materials: All of the soil test borings encountered surficial topsoil. The surficial topsoil thickness is measured approximately 1 to 3 inches.

Fill Soils: Beneath the surficial materials, fill soils were encountered in all borings, except Boring B-6, to depths of 0.7 to 5.5 feet below the existing ground surface. The fill soils generally consisted of soft silty clay (CH), firm to hard sandy clay (CL), and loose clayey sand (SC). N-values ranged from 4 to 31 bpf in the fill soils.

Alluvial Soils: Alluvial soils were encountered underlying the fill soils in Borings B-4 and B-5 to depths ranging from approximately 6 to 9.5 feet below existing grades. The alluvial soil consisted of firm to very stiff silty clay (CH), loose clayey sand (SC), and medium dense silty sand (SM). N-values ranged from 9 to 23 bpf in the alluvial soils.

Residual Soils: Beneath the surficial materials, fill and/or alluvial materials, residual soils were encountered in all of the borings. The residual soils generally consisted of firm to very stiff silty clay (CH), very stiff clayey silt (MH), very stiff sandy clay (CL), loose to medium dense clayey sand (SC), firm to hard sandy silt (ML), and loose to very dense silty sand (SM). N-values ranged from 4 to 57 bpf in the residual soils. Borings B-4, B-5, B-6, and B-10 were terminated in residual soils.

Partially Weathered Rock: PWR was first encountered in Boring B-7 at a depth of 8 feet below the existing ground surface. The PWR generally broke down into silty sand (SM). Boring B-7 was terminated in PWR.

Groundwater: Groundwater level measurements were attempted in the borings at the completion of drilling. Water was not encountered when water level measurements were attempted at boring termination. All borings were backfilled at termination.

Western Alignment

Borings B-4 and B-8 through B-10 were drilled in the proposed western alignment for the new roadway. A generalized subsurface profile (Figure 4) is attached for reference.

Surface Materials: All of the soil test borings encountered surficial topsoil. The surficial topsoil thickness is measured approximately 2 to 6 inches.

Fill Soils: Beneath the surficial materials, fill soils were encountered in all borings, except Boring B-9, to depths of 2 to 5.5 feet below the existing ground surface. The fill soils generally consisted of soft to stiff silty clay (CH), stiff to hard sandy clay (CL), and loose clayey sand (SC). N-values ranged from 4 to 13 bpf in the fill soils.

Alluvial Soils: Alluvial soils were encountered underlying the fill soils in Borings B-4 and B-8 to depths ranging from approximately 9.5 to 12 feet below existing grades. The alluvial soil consisted of firm to very stiff silty clay (CH), medium dense silty sand (SM). N-values ranged from 8 to 23 bpf in the alluvial soils.

Residual Soils: Beneath the surficial materials, fill and/or alluvial materials, residual soils were encountered in all of the borings. The residual soils generally consisted of firm silty clay (CH), stiff to very stiff clayey silt (MH), soft to very stiff sandy clay (CL), stiff to hard sandy silt (ML), and loose to medium dense silty sand (SM). N-values ranged from 4 to 35 bpf in the residual soils. Borings B-4, B-8, B-9, and B-10 were terminated in residual soils.

Groundwater: Groundwater level measurements were attempted in the borings at the completion of drilling. Water was not encountered when water level measurements were attempted at boring termination. All borings were backfilled at termination.

ASBESTOS CONTAINING MATERIALS

During the field evaluation, the Asbestos Inspectors did not observe potential asbestos-containing materials within the soil samples obtained. A total of eighteen (18) samples were selected from those obtained for further laboratory analysis. The results of the laboratory testing are attached in the Asbestos Analysis Summary sheets.

No Asbestos Containing Materials (ACMs) were identified in the soil samples obtained during the evaluation.

In the event that suspect material not addressed in this report is discovered, contact S&ME to test the material before it is disturbed.

PRELIMINARY ROADWAY RECOMMENDATIONS

Earthwork

Site Preparation

All topsoil, rootmat, vegetation, trash, debris and other unsuitable materials should be stripped to a minimum of 10 feet outside the pavement areas. Based on the borings, we anticipate an average stripping depth of 6 inches to remove the surficial materials. Deeper stripping depths should be anticipated in the wooded areas in order to remove the rootmat and localized stumps.

Any existing underground utilities, structures, or obstructions in the proposed construction areas should be properly excavated, removed, abandoned, or re-routed to facilitate the proposed grading. The resulting excavations should be properly backfilled as described later in this report.

Existing Fill Soils

Results of the soil test borings performed at the site indicate that fill soils are present in all borings except Borings B-6 and B-9. The fill extended to depths ranging between approximately 0.7 and to 6.5 feet below the existing ground surface. Standard Penetration Resistances (N-values) in the fill ranged from 3 to 31 bpf but were typically in the range of 3 to 10 bpf. Based on our experience, properly compacted structural fill typically exhibits N-values in excess of 8 bpf with a more narrow range of N-values if the fill materials are consistent in nature. This extreme variability suggests that the materials were placed with variable compactive effort. There were also moderate to highly plastic soils in Borings B-1, B-2, B-4 and B-8 that will require separation from structural subgrades. This is discussed further in the "*Expansive Soil"* section.

Based on final plans, we anticipate that partial undercutting will be required in areas where low consistency and moderate to highly plastic soils were encountered. We recommend that the extent and consistency of fill materials be thoroughly evaluated during the final geotechnical exploration through additional soil test borings and /or test pits. If the fill contains wood fragments, trash, organics, voids or soft material, excessive settlement could result, causing distress. By founding the pavement structure on or above the existing fill, the owner is accepting some risk of excessive settlement and long-term maintenance.

Expansive Soils

Results of the soil test borings and our visual observations of the split-spoon samples recovered indicate highly plastic clay (CH) soils and moderately plastic clayey silt (MH) soils exist at the site. The area where these soils were encountered is shown on Figure 5. Plastic soils can undergo change in volume (shrink/swell) with changes in their moisture content. The presence of the moderate to high plasticity material can adversely affect the performance of the pavement systems. Therefore, the presence of these materials should be considered for design and budgeting purposes.

In order to reduce the risk of damage of the pavement systems, high plasticity (CH) materials should be completely undercut from pavement areas or adequate separation be provided. High plasticity clay (CH) residual and existing fill soils may remain in place provided they are stable under proofrolling and are separated from design pavement subgrades by a minimum of 3 feet. Separation material should consist of newly placed structural fill soils. Moderately plastic clayey silt (MH) soils may remain in place provided they are stable under proofrolling and are separated from design pavement subgrades by a minimum of 1 foot. Unstable plastic soils should be undercut and replaced with structural fill.

These materials should be carefully evaluated when encountered at/beneath pavement subgrade. An evaluation by the geotechnical engineer's representative should be performed during construction to help reduce the potential of plastic materials from underlying the pavements.

Alternative to undercutting to provide the required separation along the new alignment, lime stabilization could be considered. In addition to creating a stable subgrade and reducing the design pavement section, lime stabilization of the subgrade soils can reduce the plasticity characteristics of the subgrade soils, thereby eliminating the need for undercutting.

Alluvial Soils

Alluvial soils were encountered in Borings B-1, B-2, B-3, B-4, B-5, and B-8 to depths ranging from 6 to 12 feet. Based on our site reconnaissance, we anticipate that alluvial soils are present along and adjacent to the existing drainage feature which runs along the proposed roadway. The area where these soils were encountered is shown on Figure 6.

Typically, alluvial soils are low in consistency/relative density as they are water-deposited and have not been subjected to significant overburden pressures. They are also often high in moisture and organic content, and can be highly plastic. Because these materials are lower in consistency/relative density, additional site preparation (e.g., undercutting, stabilization, etc.) and/or reduced geotechnical strength parameters (e.g., bearing pressures, subgrade modulus values, etc.) would be required if foundations for culverts and pavement subgrades bear near these lower consistency materials.

It should also be anticipated that temporary dewatering may be required during development along the drainage features. This is discussed further in the "*Dewatering"* section.

Proofrolling of Subgrade Soils

After stripping of the surficial materials is completed, the exposed subgrade soils in areas to receive fill or at the subgrade elevation in cut areas should be proofrolled with a loaded dump truck or similar pneumatic tired vehicle (minimum loaded weight of 20 tons) to help identify unstable areas requiring surface repair. Proofrolling near the creeks should be performed at the discretion of the geotechnical engineer to minimize disturbance of already unstable soils. The proofrolling procedures should consist of four complete

passes of the exposed areas, with two of the passes being in a direction perpendicular to the preceding ones. Any areas which deflect, rut or pump excessively during proofrolling or fail to "tighten up" after successive passes should be undercut to suitable soils and replaced with compacted fill.

Based on the borings, undercutting prior to fill placement should be anticipated in the vicinity of Borings B-1, B-2, B-3, B-4, B-5, B-6, B-8 and B-9 due to soft fill/ alluvial soils and in the vicinity of Borings B-7, B-9, and B-10 to create separation from plastic soils. The amount of undercut is dependent upon final grades and whether chemical stabilization will be used. These areas are shown on the attached Figures 5 and 6.

Subgrade Repair after Exposure

The on-site silts and clays in the project area are fairly low-strength, sensitive to moisture, and can degrade quickly if exposed to water. Because of this, the exposed subgrade soil may deteriorate when exposed to construction activity and environmental changes such as freezing, erosion, softening from ponded rainwater, and rutting from construction traffic.

We recommend that exposed subgrade surfaces in the pavement areas that have deteriorated be properly repaired by scarifying and recompacting immediately prior to additional construction. It should be noted that the level of difficulty and cost of developing a stable subgrade will depend upon the weather conditions before and during construction as well as the time available to stabilize the subgrade. If subgrade preparation operations must be performed during wet weather conditions, undercutting the deteriorated soil and replacing it with compacted crushed stone, rather than soil fill, may be preferable.

We recommend that the grading subcontractor smooth-roll exposed subgrades at the end of each work day, limit construction traffic to defined areas, and protect exposed subgrade soils during construction. This is essential for construction during the typically wetter, cooler months of November through April. If subgrades are rough-graded and not immediately covered by pavement base course materials, the grading subcontractor should cover the exposed subgrades with a sacrificial layer of crushed stone, leave the subgrades approximately 1 foot high, or be prepared to repair/stabilize the subgrades at a later date as a part of the original scope of work.

Dewatering

As previously discussed, grading information has not been provided. Based on the groundwater levels encountered, and the amount of anticipated fill to be placed at the site, we anticipate that dewatering will not be required. However, if grades dictate that excavations/earthwork approach the groundwater table, temporary dewatering may be required. Temporary dewatering can be accomplished with temporary excavations and sump pumps. Pumping from the sumps should be maintained until fill placement is a minimum of 3 feet above the water level. At no time should pumping be performed directly beneath the exposed subgrade elevation, since this could result in disturbance of the bearing materials and a loss of soil strength and poor pavement performance. Other means of improving drainage at the site may be accomplished with ditches located at

select areas. Once detailed grading information becomes available, we would be happy to provide additional recommendations.

Excavations

Based on the results of the soil test borings, we anticipate that the majority of the general excavation for this site will be in existing fill, alluvial, and residual soils. Generally, these soils can be excavated using backhoes, trackhoes, front-end loaders, bull dozers and other types of typical earthmoving equipment.

Results from the soil test borings indicate that PWR is present in Boring B-7 at a depth of 8 feet below the existing ground surface. Although grading information has not been provided, we do not anticipate that PWR will be encountered during general site grading and excavation. However, the depth to, and thickness of, PWR and rock lenses or seams, can vary dramatically in short distances and between boring locations; therefore, PWR or bedrock may be encountered during construction at locations or depths, between boring locations, not encountered during this exploration.

If grades dictate that excavation into PWR is required, it has been our experience in this geological area that materials having Standard Penetration Resistances of less than 50 blows per 0.4 foot can generally be excavated using pans and scrapers by first loosening with a single tooth ripper attached to a suitable sized dozer, such as a Caterpillar D-8 or D-9. Excavation of the PWR is typically much more difficult in confined excavations. Jackhammering is anticipated to be required for materials having Standard Penetration Resistances in excess of 50 blows per 0.2 foot, or at or near the level that auger refusal is encountered.

Temporary Excavation Stability

For temporary excavations, shoring and bracing or flattening (laying back) of the slopes should be performed to obtain a safe working environment. Excavations should be sloped or shored in accordance with local, state and federal regulations, including OSHA (29 CFR Part 1926) excavation trench safety standards. The contractor is solely responsible for site safety. This information is provided only as a service and under no circumstances should we be assumed responsible for construction site safety.

Cut and Fill Slopes

Final project slopes should be designed at 3 horizontal to 1 vertical or flatter. The tops and bases of all slopes should be located a minimum of 5 feet from pavement limits. The fill slopes should be adequately compacted, as outlined below, and all slopes should be seeded and maintained after construction.

If roadway embankment fill slopes are 10 feet in height or greater, they may require additional preparation of the subgrade soils to provide an adequate factor of safety against global instability. We request the opportunity to review grading plans, once available, to determine if detailed slope stability analysis is required.

Fill Placement

Structural fill placed within the pavement areas at the site should consist of a low plasticity soil that is free of organic material or debris. Structural fill soils should generally classify as CL, ML, SC, SM, SW or GW in accordance with the USCS. Moderately plastic (MH) and also highly plastic (CH) materials were also encountered at the site. These materials can be used as structural fill, however, should not be placed within 1 to 3 feet of pavement subgrades. It should be noted that mixing with low plasticity soils may be required to achieve the required compaction criteria, however, it should be noted that proper mixing and moisture control can be difficult to achieve. In areas to be treated with lime stabilization, plastic soils can be placed up to subgrades. Structural fill should be placed in 8- to 10-inch thick loose lifts at moisture contents within three percent of the optimum moisture content of the material as determined by AASHTO T-99 (Standard Proctor). Each lift of fill should be uniformly compacted to a dry density of at least 95 percent of the maximum dry density of the material determined according to AASHTO T-99 (Standard Proctor), with the upper 8 inches of fill compacted to at least 100 percent.

The geotechnical engineer's representative should perform in-place field density tests to evaluate the compaction of the structural fill and backfill placed at the site. We recommend a testing frequency of one test per lift per 5,000 square feet of fill in pavement areas. Also, at least one field density test should be performed for each lift of backfill per every 100 linear feet of utility trench in structural areas.

Post-Earthwork Settlement

The proposed roadway construction may require up to 15 feet of fill placement. Because the natural soils, especially those along the existing drainage features (alluvial soils), have not been subjected to the weight of the proposed fill, compression of the natural soils is anticipated. In addition, the mass weight of the new fill will cause the lower parts of the new fill to compress. It is anticipated that the majority of settlement of these materials will occur during placement of the new embankment fill. It is our opinion that good design and construction practice requires that a waiting period be observed to allow for this compression/settlement of newly-placed fill soils. Based on our experience with deep fills, we recommend that 15 to 30 days be allowed between the completion of the fill placement in the deep fill areas and subsequent construction, depending on the type of borrow materials selected and amount of fill actually placed.

Pavements

Traffic design information has not been provided and the recommendations presented in this section are preliminary in nature. Once detailed grading and traffic information becomes available, we would be happy to provide additional recommendations.

The fine-grained soils typically available for use as structural fill/backfill in the project area are generally poor to marginal for pavement support since they are subject to softening and loss of strength with gradual exposure to moisture. Experience with similar soils indicates typical soaked CBR values of 3 to 5. Plastic clayey or silty soils (CH and

MH) are not suitable for direct support of the pavement subgrade due to excessive swell and shrink potential. Typical pavement sections for similar subgrade soil conditions including properly compacted fill, low plasticity residual soils, or suitable existing fill soils (excluding CH & MH) are presented in the following table:

Material	Thickness (inches)
Asphalt Concrete	3 to 5
Crushed Stone (ABC)	8 to 12

The early placement of the aggregate base course will minimize the deterioration of the prepared soil subgrades. However, some loss of graded aggregate due to rutting and surface contamination may occur prior to final asphalt paving. Some infilling and re-grading of the graded aggregate in conjunction with sweeping with a wire broom may be required.

We recommend that special care be given to providing adequate drainage away from pavement areas to reduce infiltration of surface water to the base course and subgrade materials in these areas. If the subgrade soils are allowed to become saturated during the life of the pavement section, there may be a strength reduction of the materials that could result in a reduced life of the pavement section. All water should be routed away from the pavements via ditches to maintain drainage. Pavement areas should be proofrolled prior to placing structural fill and/or base course. Proofrolling procedures are outlined in previous sections of this report.

LIMITATIONS OF REPORT

The boring locations given in this report should be considered accurate only to the degree implied by the methods used to determine them.

The recommendations provided in this report are based on our understanding of the project information given in this report and on our interpretation of the surface and subsurface data collected. We have made our recommendations based on our experience with similar subsurface conditions and similar projects. The recommendations apply to the specific project discussed in this report; therefore, any changes in the project information should be provided to us so we may review our conclusions and recommendations and make any appropriate modifications.

Regardless of the thoroughness of a geotechnical study, there is always a possibility that subsurface conditions will be different from those at boring locations, that conditions will not be as anticipated by the designers or contractors, or that the construction process will alter soil conditions. Therefore, qualified geotechnical personnel should observe construction to confirm that the conditions indicated by the geotechnical borings actually exist. We recommend the owner retain S&ME for this service since we are already familiar with the project, the subsurface conditions at the site, and the intent of the recommendations and design.

This report has been prepared for the exclusive use of the client for specific application to the subject project and project site. It has been prepared in accordance with generally accepted geotechnical engineering practice for specific application to this project. The conclusions and recommendations contained in this report are based upon applicable standards of our practice in this geographic area at the time this report was prepared. No other warranty, expressed or implied, is made.

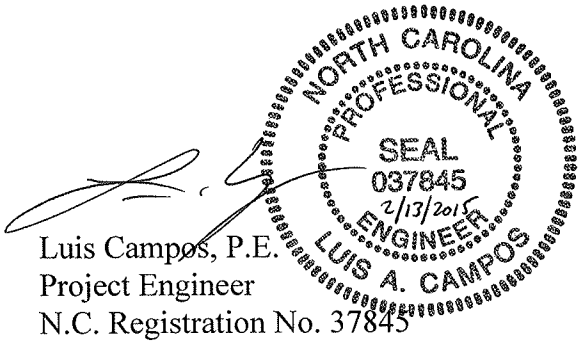
CLOSURE

S&ME appreciates the opportunity to assist you during this phase of the project. If you should have any questions concerning this report or if we may be of further assistance, please contact us.

Very truly yours,

S&ME, Inc.

Nicholas J. Page, E.I.
Staff Professional



Luis Campos, P.E.
Project Engineer
N.C. Registration No. 37845

Senior Reviewed by: Kristen H. Hill, P.E., P.G.

NJP/LAC/KHH/kmr

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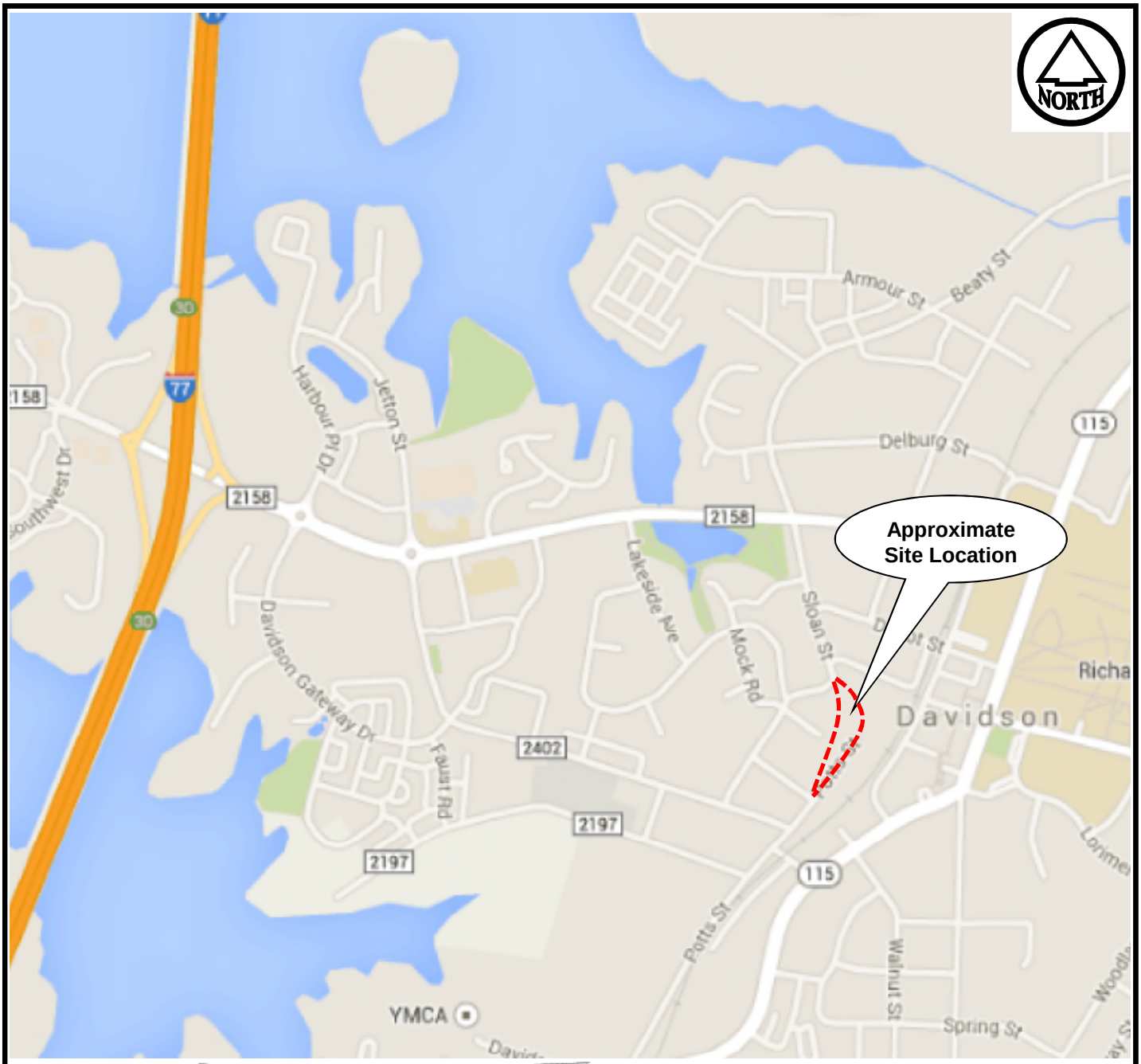
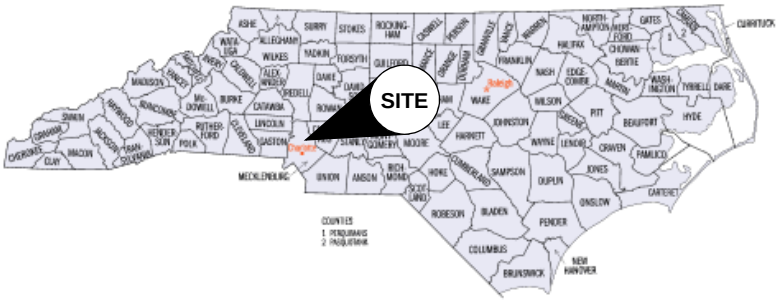
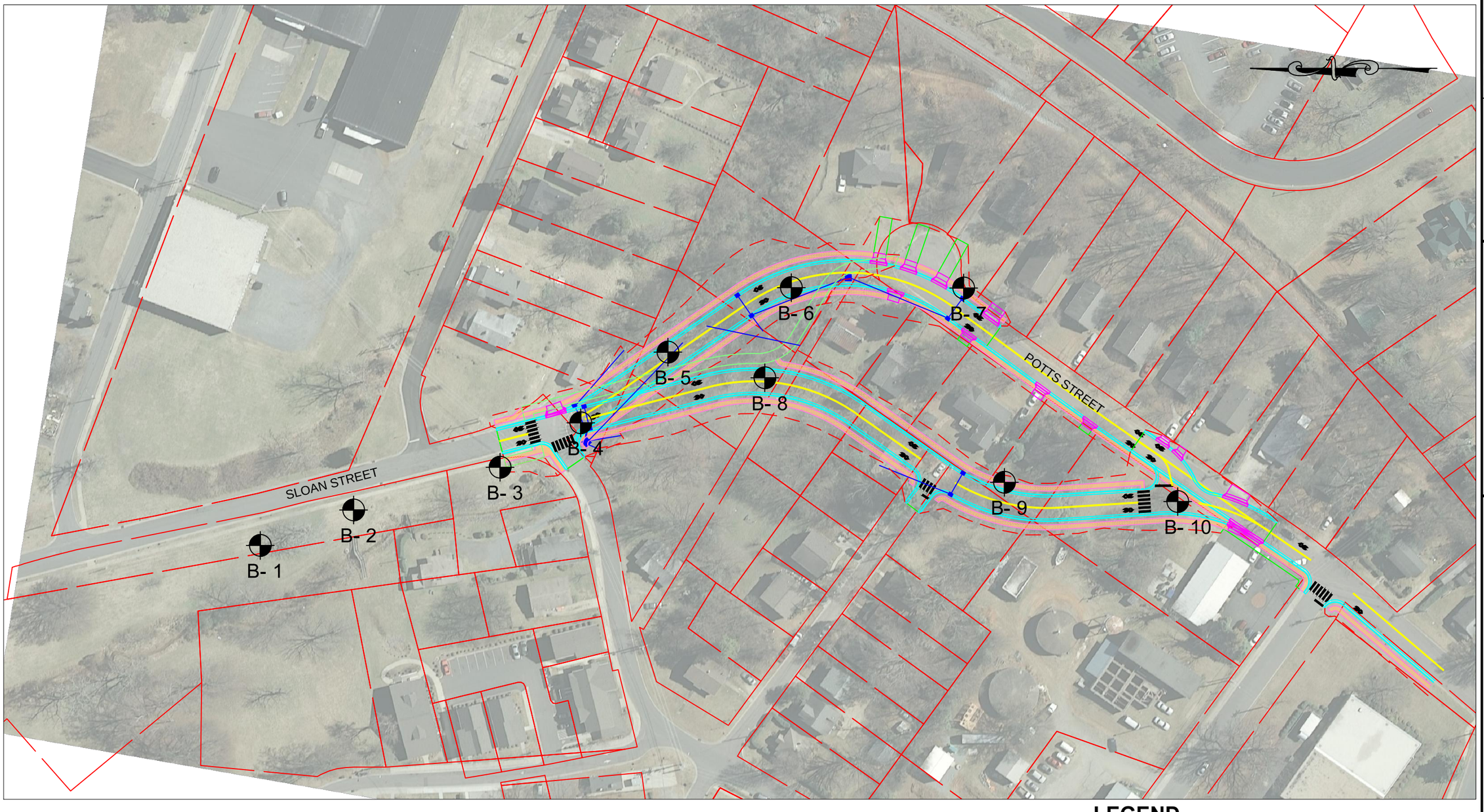
Attachments: Site Vicinity Map, Figure 1
Boring Location Plan, Figure 2
General Subsurface Profile – Eastern Alignment, Figure 3
General Subsurface Profile – Western Alignment, Figure 4
Moderate to Highly Plastic Soils Exhibit, Figure 5
Low Consistency/ Alluvial Soils Exhibit, Figure 6
Legend to Soil Classification and Symbols
Boring Logs (B-1 through B-10)
Asbestos Analysis Summary





SCALE: NTS	S&ME ENGINEERING • TESTING ENVIRONMENTAL SERVICES	**SITE VICINITY MAP** **PROPOSED POTTS-SLOAN ROADWAY** DAVIDSON, NORTH CAROLINA	FIGURE NO. 1
DRAWN BY: NJP			
CHECKED BY: KHH			
DATE: 2/13/2015		PROJECT NO.: 1335-14-117	



LEGEND

APPROXIMATE BORING LOCATION

0 50 100 200

(IN FEET)

NOTE: DRAWING MODIFIED BY S&ME TO SHOW APPROXIMATE BORING LOCATIONS. DO NOT USE DRAWING TO DETERMINE DISTANCES OR QUANTITIES.

SCALE:	1" = 100'
PROJECT NO.	1351-14-117
ENGINEERING LICENSE No.	F-0176
DATE:	2/13/2015
DRAWN BY:	NJP
CHECKED BY:	KHH

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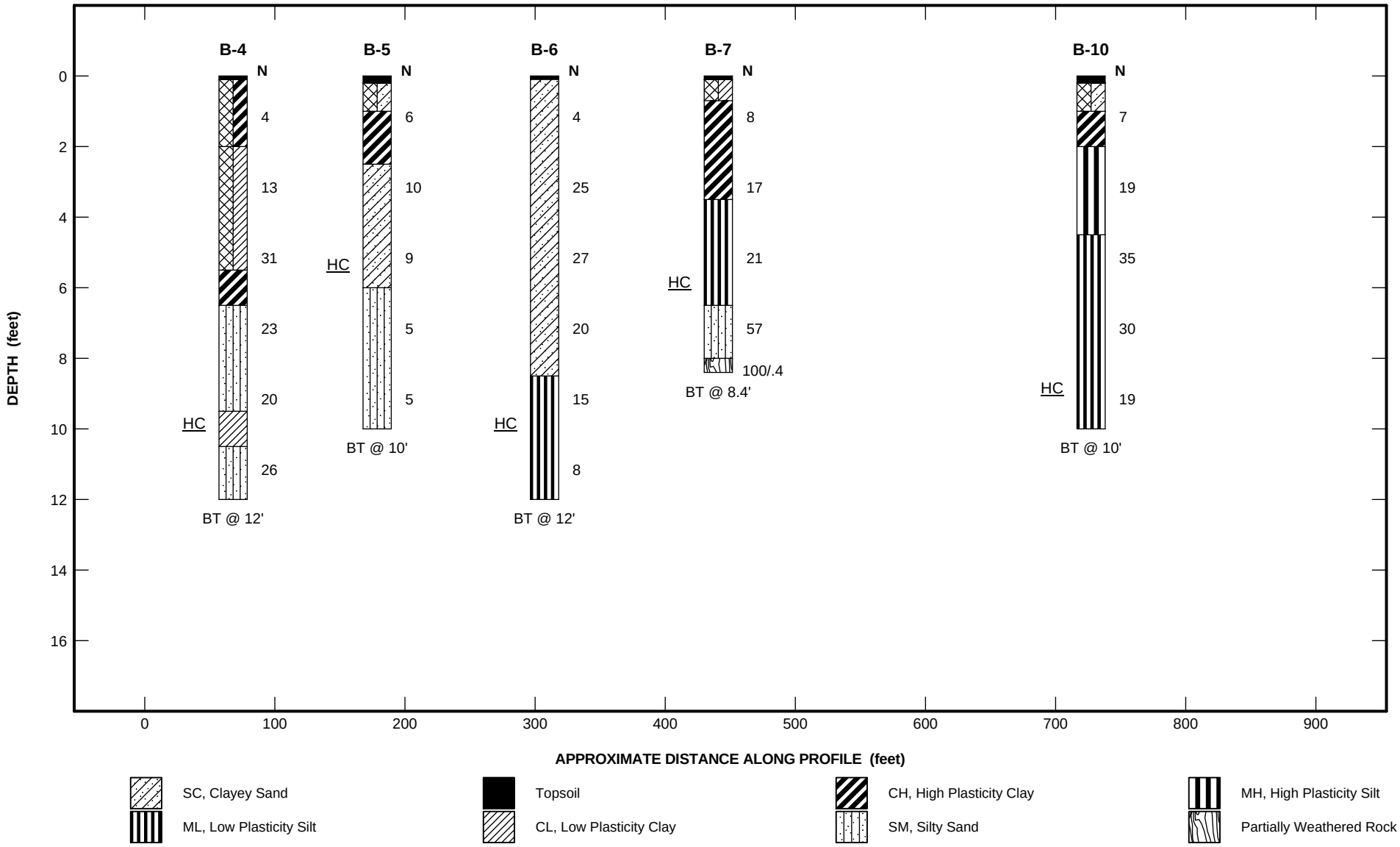
BORING LOCATION PLAN
PROPOSED POTTS-SLOAN ROADWAY
DAVIDSON, NORTH CAROLINA

FIGURE NO.
2

Drawing path: T:\Projects\2014\GEO\1335-14-117 Potts Sloan Roadway\Graphics\Potts-Sloan-Beaty\NickBLP.dwg



N = Standard Penetration Test resistance value (blows per foot). The depicted stratigraphy is shown for illustrative purposes only. The actual subsurface conditions will vary between boring locations.

JOB NO: 1335-14-117

DATE: 2/13/2015

S&ME

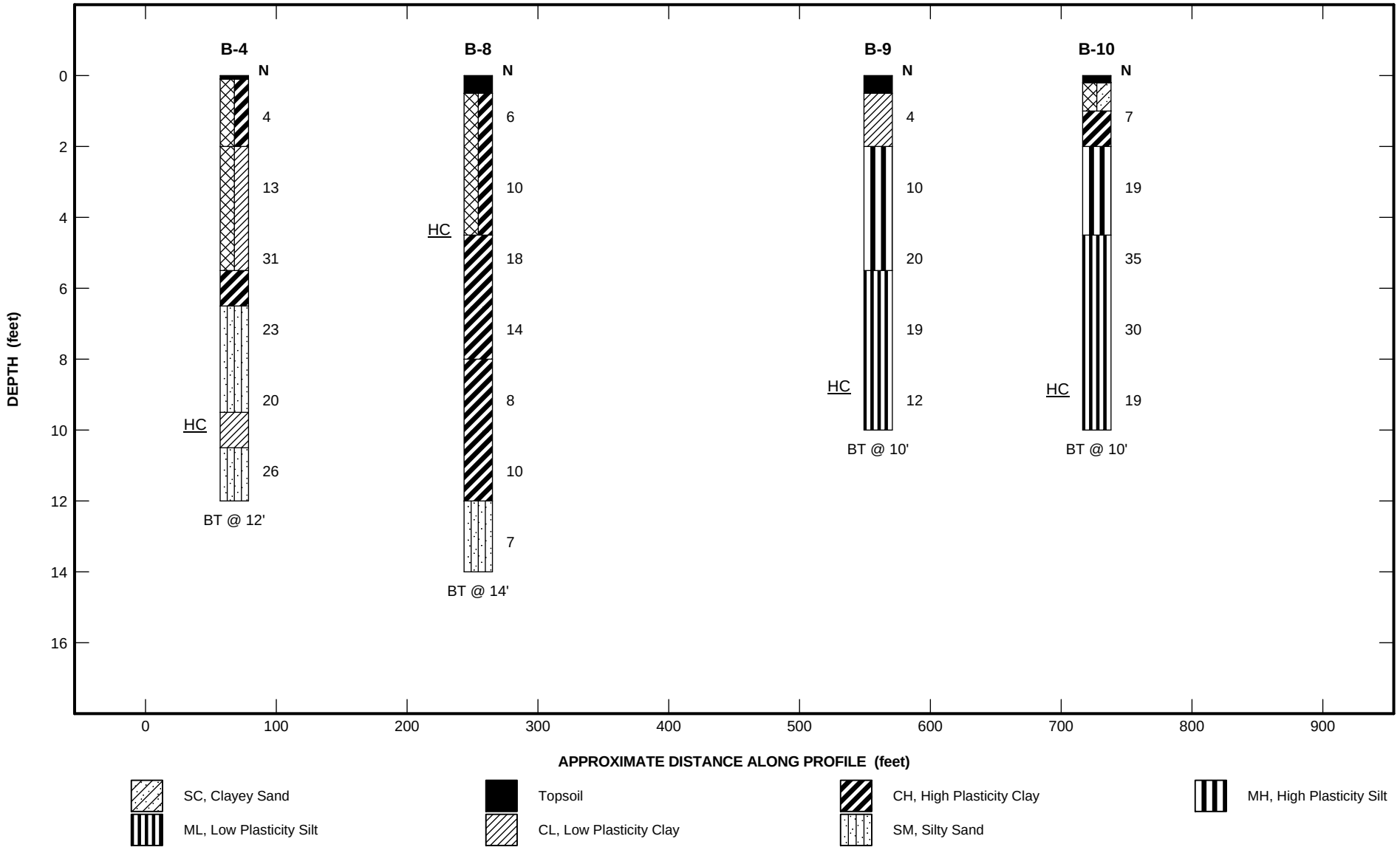
9751 SOUTHERN PINE BOULEVARD
CHARLOTTE, NORTH CAROLINA
P: (704) 523-4726
F: (704) 525-3953

Diagram: Gen. Subsurface Profile - Eastern Alignment

Project: Proposed Potts-Sloan Roadway

Location: Davidson, North Carolina

Figure 3



N = Standard Penetration Test resistance value (blows per foot). The depicted stratigraphy is shown for illustrative purposes only. The actual subsurface conditions will vary between boring locations.

JOB NO: 1335-14-117

DATE: 2/13/2015

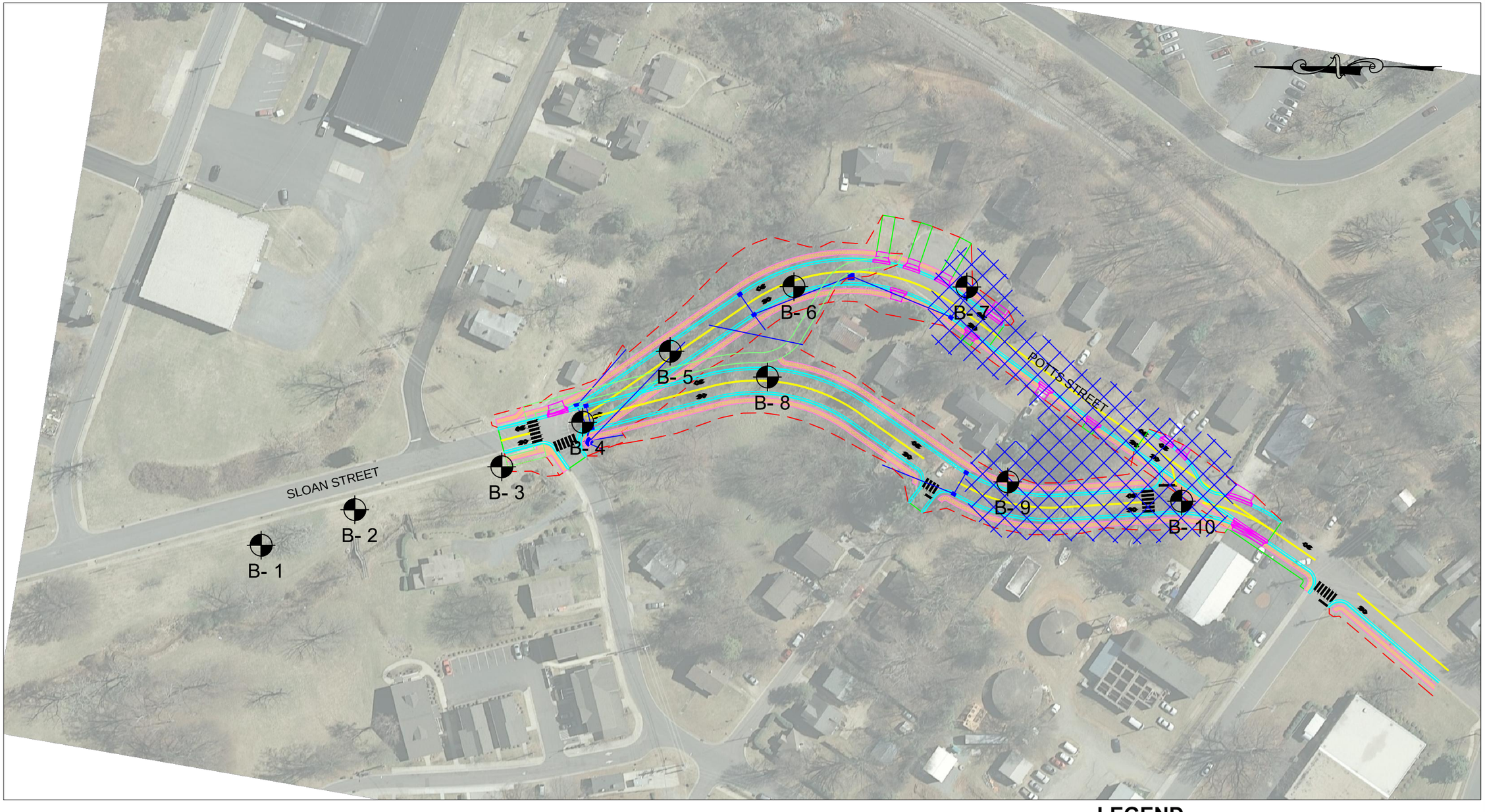
S&ME
9751 SOUTHERN PINE BOULEVARD
CHARLOTTE, NORTH CAROLINA
P: (704) 523-4726
F: (704) 525-3953

Diagram: Gen. Subsurface Profile - Western Alignment

Project: Proposed Potts-Sloan Roadway

Location: Davidson, North Carolina

Figure 4



LEGEND

APPROXIMATE BORING LOCATION

APPROXIMATE LOCATION WHERE NON-ALLUVIAL PLASTIC NEAR SURFACE SOILS MAY BE ENCOUNTERED DURING INITIAL SITE GRADING.

0 50 100 200

(IN FEET)

NOTE: DRAWING MODIFIED BY S&ME TO SHOW APPROXIMATE BORING LOCATIONS. DO NOT USE DRAWING TO DETERMINE DISTANCES OR QUANTITIES.

SCALE:	1" = 100'
PROJECT NO.	1351-14-117
ENGINEERING LICENSE No.	F-0176
DATE:	2/13/2015
DRAWN BY:	NJP
CHECKED BY:	KHH

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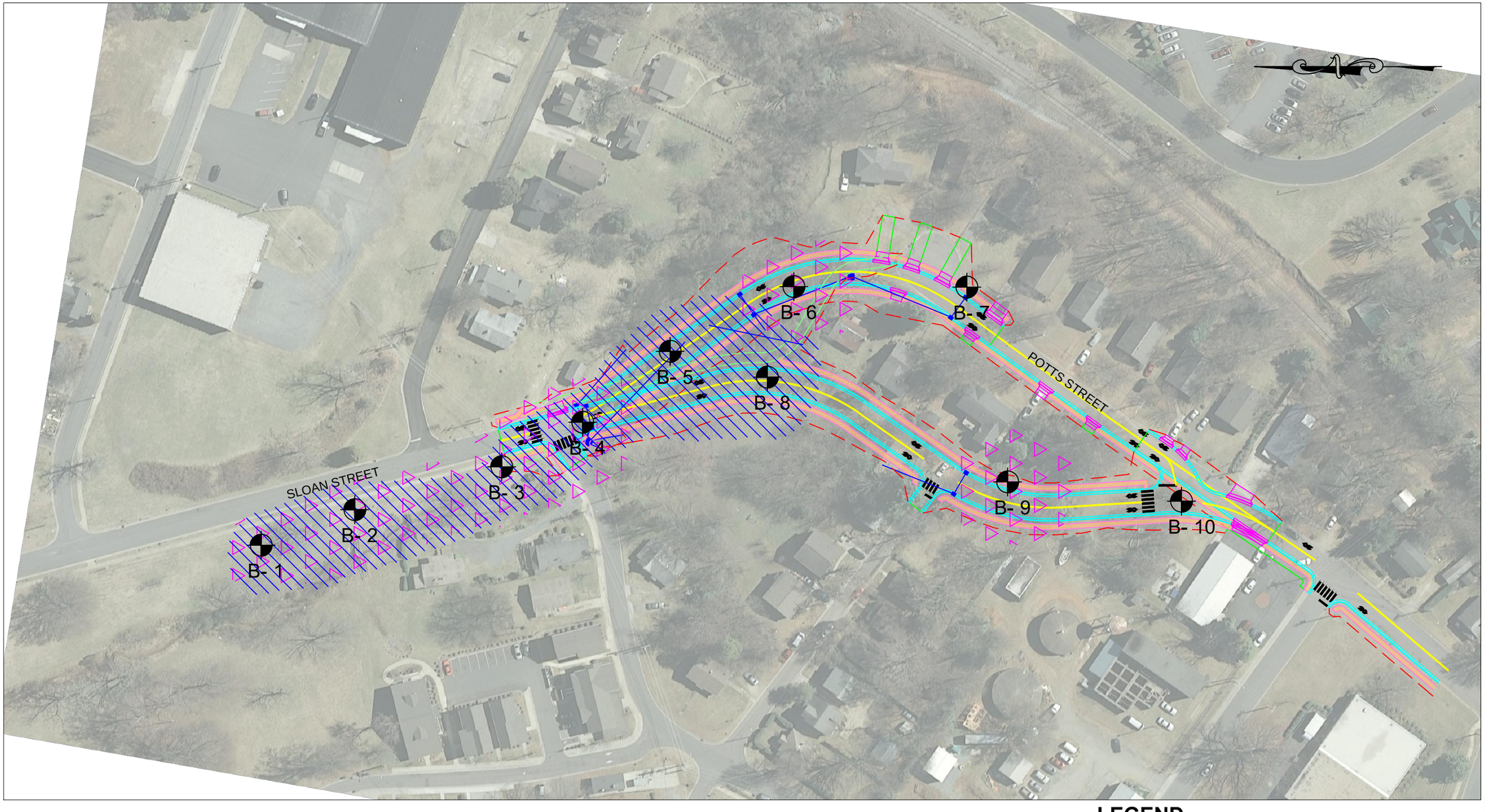
MODERATE TO HILGHLY PLASTIC SOILS
PROPOSED POTTS-SLOAN ROADWAY

DAVIDSON, NORTH CAROLINA

FIGURE NO.

5

Drawing path: T:\Projects\2014\GEO\1335-14-117 Potts Sloan Roadway\Graphics\Potts-Sloan-Beaty\NickBLP.dwg



0 50 100 200

(IN FEET)

NOTE: DRAWING MODIFIED BY S&ME TO SHOW APPROXIMATE BORING LOCATIONS. DO NOT USE DRAWING TO DETERMINE DISTANCES OR QUANTITIES.

LEGEND

- APPROXIMATE BORING LOCATION
- APPROXIMATE LOCATION WHERE ALLUVIAL SOILS MAY BE ENCOUNTERED
- APPROXIMATE LOCATION WHERE LOW CONSISTENCY NEAR SURFACE SOILS MAY BE ENCOUNTERED DURING INITIAL SITE GRADING

SCALE:	1" = 100'
PROJECT NO.	1351-14-117
ENGINEERING LICENSE No.	F-0176
DATE:	2/13/2015
DRAWN BY:	NJP
CHECKED BY:	KHH

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LOW CONSISTENCY/ ALLUVIAL SOILS
PROPOSED POTTS-SLOAN ROADWAY
DAVIDSON, NORTH CAROLINA

FIGURE NO.
6

Drawing path: T:\Projects\2014\GEO\1335-14-117 Potts Sloan Roadway\Graphics\Potts-Sloan-Beaty\NickBLP.dwg

LEGEND TO SOIL CLASSIFICATION AND SYMBOLS

SOIL TYPES

(Shown in Graphic Log)

		Fill
		Asphalt
		Concrete
		Topsoil
		Partially Weathered Rock
		Cored Rock
	GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
	GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
	GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
	GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
	SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
	SM	SILTY SANDS, SAND - SILT MIXTURES
	SC	CLAYEY SANDS, SAND - CLAY MIXTURES
	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
	CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
	OL	ORGANIC SILTS AND ORGANIC CLAYS OF LOW PLASTICITY
	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS, ELASTIC SILTS
	CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
	OH	ORGANIC SILTS AND ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY

WATER LEVELS

(Shown in Water Level Column)

- ▽ = Water Level At Termination of Boring
- ▼ = Water Level Taken After 24 Hours
- ◄ = Loss of Drilling Water
- HC = Hole Cave

CONSISTENCY OF COHESIVE SOILS

CONSISTENCY	STD. PENETRATION RESISTANCE BLOWS/FOOT
Very Soft	0 to 2
Soft	3 to 4
Firm	5 to 8
Stiff	9 to 15
Very Stiff	16 to 30
Hard	31 to 50
Very Hard	Over 50

RELATIVE DENSITY OF COHESIONLESS SOILS

RELATIVE DENSITY	STD. PENETRATION RESISTANCE BLOWS/FOOT
Very Loose	0 to 4
Loose	5 to 10
Medium Dense	11 to 30
Dense	31 to 50
Very Dense	Over 50

SAMPLER TYPES

(Shown in Samples Column)

- Shelby Tube
- Split Spoon
- Rock Core
- No Recovery

TERMS

Standard Penetration Resistance – The Number of Blows of 140 lb. Hammer Falling 30 in. Required to Drive 1.4 in. I.D. Split Spoon Sampler 1 Foot. As Specified in ASTM D 1586.

REC – Total Length of Rock Recovered in the Core Barrel Divided by the Total Length of the Core Run Times 100%.

RQD – Total Length of Sound Rock Segments Recovered that are Longer Than or Equal to 4" (mechanical breaks excluded) Divided by the Total Length of the Core Run Times 100%.

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PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

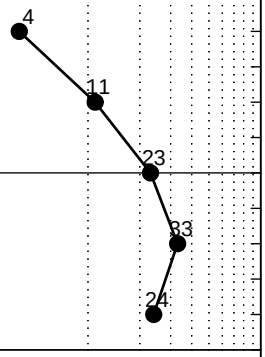
BORING LOG B-1

DATE DRILLED: **12/18/14**	ELEVATION: **100.0 ft**	NOTES:
DRILL RIG: **CME 550**	BORING DEPTH: **10.0 ft**	
DRILLER: **C. Odom**	WATER LEVEL: **Dry on 12/18/2014**	
HAMMER TYPE: **Automatic**	LOGGED BY: **N. Page**	
SAMPLING METHOD: **Split spoon**	NORTHING: **642301**	EASTING: **1448735**

DRILLING METHOD: **3¼" H.S.A.**

DEPTH (feet)	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) / SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS	N VALUE
	Topsoil/ Rootmat (2 inches)									
	FILL: SILTY CLAY (CH) - soft to firm, brown, moist			SS-1		2	2	2		4
	ALLUVIUM: CLAYEY SILT (MH) - stiff to very stiff, orange gray, moist			SS-2		3	5	6		11
5			95.0	SS-3		10	10	13		23
	ALLUVIUM: CLAYEY SAND (SC) - dense, gray, moist			SS-4		15	17	16		33
	RESIDUUM: SILTY SAND (SM) - medium dense, gray red white, moist, fine to coarse	HC		SS-5		12	12	12		24
10			90.0							
	Boring terminated at 10 feet									

STANDARD PENETRATION TEST DATA (blows/ft): 10 20 30 60 80



S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

NOTES:

1. ***THIS LOG IS ONLY A PORTION OF A REPORT PREPARED FOR THE NAMED PROJECT AND MUST ONLY BE USED TOGETHER WITH THAT REPORT.***
2. ***BORING, SAMPLING AND PENETRATION TEST DATA IN GENERAL ACCORDANCE WITH ASTM D-1586.***
3. ***STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.***
4. ***WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.***

S&ME

PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

BORING LOG B-2

DATE DRILLED: **12/18/14**	ELEVATION: **100.0 ft**	NOTES:
DRILL RIG: **CME 550**	BORING DEPTH: **12.0 ft**	
DRILLER: **C. Odom**	WATER LEVEL: **10.6 feet on 12/18/2014**	
HAMMER TYPE: **Automatic**	LOGGED BY: **N. Page**	
SAMPLING METHOD: **Split spoon**	NORTHING: **642207**	EASTING: **1448771**
DRILLING METHOD: **3¼" H.S.A.**		

DEPTH (feet)	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) / SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS	N VALUE
	Topsoil/ Rootmat (1 inch)									
	FILL: CLAYEY SILT (MH) - soft, red brown, moist			SS-1		2	1	2		3
				SS-2		WOH	1	2		3
5	**FILL: CLAYEY SAND (SC)** - loose, brown, moist		95.0	SS-3		3	3	4		7
	ALLUVIUM: CLAYEY SAND (SC) - very loose to loose, gray orange, wet			SS-4		2	2	2		4
				SS-5		3	3	3		6
10	**RESIDUUM: SILTY SAND (SM)** - medium dense, brown gray white, moist, fine to coarse	▽ HC	90.0	SS-6		7	13	17		30
	Boring terminated at 12 feet									

STANDARD PENETRATION TEST DATA (blows/ft): 10 20 30 60 80

S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

NOTES:

1. ***THIS LOG IS ONLY A PORTION OF A REPORT PREPARED FOR THE NAMED PROJECT AND MUST ONLY BE USED TOGETHER WITH THAT REPORT.***
2. ***BORING, SAMPLING AND PENETRATION TEST DATA IN GENERAL ACCORDANCE WITH ASTM D-1586.***
3. ***STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.***
4. ***WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.***

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PROJECT: **Proposed Potts-Sloan Roadway** **Davidson, North Carolina** **S&ME Project No. 1335-14-117**	**BORING LOG B-3**

DATE DRILLED: **12/18/14**	ELEVATION: **100.0 ft**	NOTES:
DRILL RIG: **CME 550**	BORING DEPTH: **10.0 ft**	
DRILLER: **C. Odom**	WATER LEVEL: **Dry on 12/18/2014**	
HAMMER TYPE: **Automatic**	LOGGED BY: **N. Page**	
SAMPLING METHOD: **Split spoon**	NORTHING: **642060**	EASTING: **1448814**
DRILLING METHOD: **3¼" H.S.A.**		

DEPTH (feet)	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) / SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS	N VALUE
	Topsoil/ Rootmat (1 inch)									
	FILL: SANDY CLAY (CL) - soft, red brown, moist			SS-1		2	2	2		4
				SS-2		2	1	2		3
5	**ALLUVIUM: CLAYEY SILT (MH)** - firm to stiff, brown gray, moist		95.0	SS-3		3	3	3	STANDARD PENETRATION TEST DATA (blows/ft) 10 20 30 6080	6
	ALLUVIUM: CLAYEY SAND (SC) - medium dense to loose, gray, wet, fine			SS-4		4	6	6		12
				SS-5		5	4	4		8
10	**RESIDUUM: SILTY SAND (SM)** - loose, gray red white, wet, fine to coarse Boring terminated at 10 feet	HC	90.0							

S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

NOTES:

1. ***THIS LOG IS ONLY A PORTION OF A REPORT PREPARED FOR THE NAMED PROJECT AND MUST ONLY BE USED TOGETHER WITH THAT REPORT.***
2. ***BORING, SAMPLING AND PENETRATION TEST DATA IN GENERAL ACCORDANCE WITH ASTM D-1586.***
3. ***STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.***
4. ***WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.***

PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

BORING LOG B-4

DATE DRILLED: **12/18/14**	ELEVATION: **100.0 ft**	NOTES:
DRILL RIG: **CME 550**	BORING DEPTH: **12.0 ft**	
DRILLER: **C. Odom**	WATER LEVEL: **Dry on 12/17/2014**	
HAMMER TYPE: **Automatic**	LOGGED BY: **N. Page**	
SAMPLING METHOD: **Split spoon**	NORTHING: **641979**	EASTING: **1448858**

DRILLING METHOD: **3¼" H.S.A.**

DEPTH (feet)	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS STANDARD PENETRATION TEST DATA (blows/ft) 10 20 30 60 80	N VALUE
	Topsoil/ Rootmat (2 inches)			SS-1		2	2	2	4	4
	FILL: SILTY CLAY (CH) - soft, brown orange, moist			SS-2		4	5	8	13	13
	FILL: SANDY CLAY (CL) - stiff to hard, orange brown, moist									
5			95.0	SS-3		13	15	16	31	31
	ALLUVIUM: SILTY CLAY (CH) - very stiff, gray orange, moist			SS-4		9	13	10	23	23
	ALLUVIUM: SILTY SAND (SM) - medium dense, gray, moist, fine to coarse			SS-5		8	8	12	20	20
10	**RESIDUUM: SANDY CLAY (CL)** - very stiff, red brown, moist	HC	90.0	SS-6		10	13	13	26	26
	SILTY SAND (SM) - medium dense, gray white, moist, fine to coarse									
	Boring terminated at 12 feet									

S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

NOTES:

1. ***THIS LOG IS ONLY A PORTION OF A REPORT PREPARED FOR THE NAMED PROJECT AND MUST ONLY BE USED TOGETHER WITH THAT REPORT.***
2. ***BORING, SAMPLING AND PENETRATION TEST DATA IN GENERAL ACCORDANCE WITH ASTM D-1586.***
3. ***STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.***
4. ***WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.***

S&ME

PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

BORING LOG B-5

DATE DRILLED: **12/18/14**	ELEVATION: **100.0 ft**	NOTES:
DRILL RIG: **CME 550**	BORING DEPTH: **10.0 ft**	
DRILLER: **C. Odom**	WATER LEVEL: **Dry on 12/18/2014**	
HAMMER TYPE: **Automatic**	LOGGED BY: **N. Page**	
SAMPLING METHOD: **Split spoon**	NORTHING: **641891**	EASTING: **1448930**

DRILLING METHOD: **3¼" H.S.A.**

DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS / STANDARD PENETRATION TEST DATA (blows/ft) 10 20 30 60 80	N VALUE
		Topsoil/ Rootmat (3 inches)									
		FILL: CLAYEY SAND (SC) - loose, brown red, moist, fine			SS-1		2	3	3	6	6
		ALLUVIUM: SILTY CLAY (CH) - firm, gray orange, moist			SS-2		2	4	6	10	10
5		**ALLUVIUM: CLAYEY SAND (SC)** - loose, gray, moist, fine to coarse	HC	95.0	SS-3		6	4	5	9	9
		RESIDUUM: SILTY SAND (SM) - loose, white brown gray, saturated, fine to coarse			SS-4		3	2	3	5	5
					SS-5		3	2	3	5	5
10		Boring terminated at 10 feet		90.0							

S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

NOTES:

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S&ME

PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

BORING LOG B-6

DATE DRILLED: **12/18/14**	ELEVATION: **100.0 ft**	NOTES:
DRILL RIG: **CME 550**	BORING DEPTH: **12.0 ft**	
DRILLER: **C. Odom**	WATER LEVEL: **Dry on 12/18/2014**	
HAMMER TYPE: **Automatic**	LOGGED BY: **N. Page**	
SAMPLING METHOD: **Split spoon**	NORTHING: **641767**	EASTING: **1448994**

DRILLING METHOD: **3¼" H.S.A.**

DEPTH (feet)	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) / SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS / STANDARD PENETRATION TEST DATA (blows/ft)	N VALUE
	Topsoil/ Rootmat (2 inches)									
	RESIDUUM: CLAYEY SAND (SC) - loose to medium dense, orange white gray, dry, fine to coarse			SS-1		2	2	2		4
				SS-2		9	10	15		25
5			95.0	SS-3		16	14	13		27
				SS-4		10	10	10		20
	SANDY SILT (ML) - stiff to firm, gray white, moist	HC		SS-5		8	8	7		15
10			90.0	SS-6		5	4	4		8
	Boring terminated at 12 feet									

REMARKS / STANDARD PENETRATION TEST DATA (blows/ft): 10 20 30 60 80

NOTES:

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2. ***BORING, SAMPLING AND PENETRATION TEST DATA IN GENERAL ACCORDANCE WITH ASTM D-1586.***
3. ***STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.***
4. ***WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.***

S&ME

PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

BORING LOG B-7

DATE DRILLED: **12/18/14**	ELEVATION: **100.0 ft**	NOTES:
DRILL RIG: **CME 550**	BORING DEPTH: **8.4 ft**	
DRILLER: **C. Odom**	WATER LEVEL: **Dry on 12/18/2014**	
HAMMER TYPE: **Automatic**	LOGGED BY: **N. Page**	
SAMPLING METHOD: **Split spoon**	NORTHING: **641594**	EASTING: **1448994**
DRILLING METHOD: **3¼" H.S.A.**		

DEPTH (feet)	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) / SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS	N VALUE
	Topsoil/ Rootmat (1 inch)									
	FILL: SANDY CLAY (CL) - firm, brown, moist			SS-1		3	3	5		8
	RESIDUUM: SILTY CLAY (CH) - firm to very stiff, red brown, moist			SS-2		8	8	9		17
5	**SANDY SILT (ML)** - very stiff, red orange, moist	HC	95.0	SS-3		11	10	11		21
	SILTY SAND (SM) - very dense, white gray, dry, fine to coarse			SS-4		12	34	23		57
	PARTIALLY WEATHERED ROCK: SILTY SAND (SM) - white gray, dry, fine to coarse			SS-5		00/.4				100/.4
	Boring terminated at 8.4 feet									

STANDARD PENETRATION TEST DATA (blows/ft): 10 20 30 60 80

S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

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3. ***STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.***
4. ***WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.***

S&ME

PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

BORING LOG B-8

DATE DRILLED: **12/18/14**
ELEVATION: **100.0 ft**
NOTES:

DRILL RIG: **CME 550**
BORING DEPTH: **14.0 ft**

DRILLER: **C. Odom**
WATER LEVEL: **Dry on 12/17/2014**

HAMMER TYPE: **Automatic**
LOGGED BY: **N. Page**

SAMPLING METHOD: **Split spoon**
NORTHING: **641794**
EASTING: **1448904**

DRILLING METHOD: **3¼" H.S.A.**

DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS STANDARD PENETRATION TEST DATA (blows/ft) 10 20 30 60 80	N VALUE
		Topsoil/ Rootmat (6 inches)			SS-1		2	3	3	6	6
		FILL: SILTY CLAY (CH) - firm to stiff, tan brown, some topsoil mixture, trace brick fragments, moist			SS-2		3	4	6	10	10
5		**ALLUVIUM: SILTY CLAY (CH)** - very stiff to stiff, white orange, moist	HC	95.0	SS-3		5	7	11	18	18
					SS-4		6	8	6	14	14
		ALLUVIUM: SILTY CLAY (CH) - firm to stiff, white orange, moist			SS-5		3	3	5	8	8
10				90.0	SS-6		3	5	5	10	10
		RESIDUUM: SILTY SAND (SM) - loose, brown white, moist			SS-7		2	2	5	7	7
		Boring terminated at 14 feet									

S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

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3. ***STRATIFICATION AND GROUNDWATER DEPTHS ARE NOT EXACT.***
4. ***WATER LEVEL IS AT TIME OF EXPLORATION AND WILL VARY.***

S&ME

PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

BORING LOG B-9

DATE DRILLED: **12/18/14**	ELEVATION: **100.0 ft**	NOTES:
DRILL RIG: **CME 550**	BORING DEPTH: **10.0 ft**	
DRILLER: **C. Odom**	WATER LEVEL: **Dry on 12/18/2014**	
HAMMER TYPE: **Automatic**	LOGGED BY: **N. Page**	
SAMPLING METHOD: **Split spoon**	NORTHING: **641553**	EASTING: **1448799**

DRILLING METHOD: **3¼" H.S.A.**

DEPTH (feet)	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.) / SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS STANDARD PENETRATION TEST DATA (blows/ft) 10 20 30 60 80	N VALUE
	Topsoil/ Rootmat (6 inches)									
	RESIDUUM: SANDY CLAY (CL) - soft, brown red, moist			SS-1		2	1	3	4	4
				SS-2		3	4	6	10	10
	CLAYEY SILT (MH) - stiff to very stiff, red brown, moist									
5			95.0	SS-3		7	8	12	20	20
	SANDY SILT (ML) - very stiff to stiff, red orange, moist			SS-4		9	9	10	19	19
		HC		SS-5		6	6	6	12	12
10	Boring terminated at 10 feet		90.0							

S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

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S&ME

PROJECT: **Proposed Potts-Sloan Roadway**
Davidson, North Carolina
S&ME Project No. 1335-14-117

BORING LOG B-10

DATE DRILLED: **12/18/14** | ELEVATION: **100.0 ft** | NOTES:

DRILL RIG: **CME 550** | BORING DEPTH: **10.0 ft**

DRILLER: **C. Odom** | WATER LEVEL: **Dry on 12/18/2014**

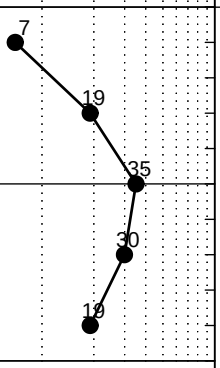
HAMMER TYPE: **Automatic** | LOGGED BY: **N. Page**

SAMPLING METHOD: **Split spoon** | NORTHING: **641378** | EASTING: **1448779**

DRILLING METHOD: **3¼" H.S.A.**

DEPTH (feet)	MATERIAL DESCRIPTION	WATER LEVEL	ELEVATION (feet)	SAMPLE NO.	SPT REC. (in.)	SAMPLE TYPE	BLOW COUNT / CORE DATA 1st 6in / RUN	2nd 6in / REC	3rd 6in / RQD	REMARKS	N VALUE
	Topsoil/ Rootmat (3 inches)										
	FILL: CLAYEY SAND (SC) - loose, brown red, moist			SS-1			3	3	4		7
				SS-2			4	8	11		19
	RESIDUUM: SILTY CLAY (CH) - firm, red, moist										
5	**CLAYEY SILT (MH)** - very stiff, red, moist		95.0	SS-3			11	16	19		35
	SANDY SILT (ML) - hard to very stiff, red orange, trace mica, moist			SS-4			12	16	14		30
		HC		SS-5			9	9	10		19
10	Boring terminated at 10 feet		90.0								

STANDARD PENETRATION TEST DATA (blows/ft)
10 20 30 60 80



S&ME BORING LOG 14-117 POTTS SLOAN.GPJ S&ME.GDT 2/13/15

NOTES:

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S&ME

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Charlotte Branch
9751 Southern Pine Blvd.
Charlotte NC 28273

Client Job Potts Sloan Roadway Soil Samples

Date Received 12/19/2015

Date Analyzed 1/5/2015

Job Number 1335-14-117

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-11239	B-1-1	TAN GRANULAR		ND		100 OTHER
14-11240	B-1-2	BLACK NONFIBROUS		ND		100 OTHER
14-11241	B-2-1	TAN/BLACK GRANULAR		ND		100 OTHER
14-11242	B-2-2	TAN GRANULAR		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 1335-14-117

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-11243	B-3-1	TAN/BLACK GRANULAR		ND		100 OTHER
14-11244	B-3-2	GREY GRANULAR		ND		100 OTHER
14-11245	B-4-1	TAN GRANULAR		ND		100 OTHER
14-11246	B-5-1	BROWN GRANULAR		ND		100 OTHER
14-11247	B-5-2	GREY GRANULAR		ND		100 OTHER
14-11248	B-6-1	TAN GRANULAR		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 1335-14-117

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-11249	B-6-2	GREY GRANULAR		ND		100 OTHER
14-11250	B-7-1	BROWN GRANULAR		ND	<1 CELLULOSE	100 OTHER
14-11251	B-7-2	TAN GRANULAR		ND		100 OTHER
14-11252	B-8-1	BROWN/GRY GRANULAR		ND		100 OTHER
14-11253	B-9-1	BROWN GRANULAR		ND	<1 CELLULOSE	100 OTHER
14-11254	B-9-2	TAN GRANULAR		ND	<1 CELLULOSE	100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 1335-14-117

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-11255	B-10-1	BROWN GRANULAR		ND	<1 CELLULOSE	100 OTHER
14-11256	B-10-2	RED/BROWN GRANULAR		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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BULK SAMPLE
CHAIN OF CUSTODY RECORD

S&ME

POLARIZED LIGHT MICROSCOPY
PERFORMED BY EPA 600/R-93/116 METHOD

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
1335-14-117 (PHASE 01)	POTTS SLOAN ROADWAY		12/19/14	10:02	12/19/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
N/A - EXPLORATORY SOIL SAMPLES					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
JEREME H. WILLIS/JIMMY GOSNELL	12/17/14 & 12/18/14				

SAMPLE #	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
B-1-1	14-11239								
B-1-2	40								
B-2-1	41								
B-2-2	42								
B-3-1	43								
B-3-2	44								
B-4-1	45								
B-5-1	46								
B-5-2	47								
B-6-1	11248								

☐ Same Day ☐ 24 Hour ☐ 48 Hour ☐ 3-5 Day ☒ 6-10 Day

ALL SAMPLES WILL BE DISPOSED OF AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

By signing below, I warrant that I am authorized to enter into this agreement for the client named below, and that I authorize the above analysis subject to the terms and conditions on the reverse hereof.

AUTHORIZED BY _____ (DATE & TITLE)

PRINT NAME _____

This agreement is governed by the terms and conditions on the reverse side hereof.

Analysis charges shall be as included in S&ME, Inc.'s fee schedule in effect at the time of the analysis.

CLIENT INVOICE INFORMATION		SEND COPIES OF RESULTS TO	
Client Name	ATTN:	Name, Dept.	
Client PO#		Co.	
Address		Address	
City, State, Zip		City, State, Zip	
Phone:	FAX:	Phone:	FAX:

WHITE COPY-LABORATORY YELLOW COPY-ACCOUNTING PINK COPY-CLIENT

BULK SAMPLE
CHAIN OF CUSTODY RECORD

S&ME

POLARIZED LIGHT MICROSCOPY
PERFORMED BY EPA 600/R-93/116 METHOD

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
1335-14-117 (PHASE 01)	POTTS SLOAN ROADWAY		12/19/14	10:02	12/19/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
N/A - EXPLORATORY SOIL SAMPLES					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
JEREMIE H. WILLIS/JIMMY GOSNELL	12/17/14 & 12/18/14				

SAMPLE #	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
B-6-2	14-11249								
B-7-1	50								
B-7-2	51								
B-8-1	52								
B-9-1	53								
B-9-2	54								
B-10-1	55								
B-10-2	11256								

☐ Same Day ☐ 24 Hour ☐ 48 Hour ☐ 3-5 Day ☒ 6-10 Day

ALL SAMPLES WILL BE DISPOSED OF AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

By signing below, I warrant that I am authorized to enter into this agreement for the client named below, and that I authorize the above analysis subject to the terms and conditions on the reverse hereof.

AUTHORIZED BY _____ (DATE & TITLE)

PRINT NAME _____

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CLIENT INVOICE INFORMATION		SEND COPIES OF RESULTS TO	
ATTN: Client Name		Name, Dept.	
Client PO#		Co.	
Address		Address	
City, State, Zip		City, State, Zip	
Phone:	FAX:	Phone:	FAX:

WHITE COPY-LABORATORY YELLOW COPY-ACCOUNTING PINK COPY-CLIENT

U.S. Environmental Protection Agency

Davidson Asbestos Site
Davidson, N.C.

Fact Sheet #4 **March 2017**

Public Meeting

Tuesday, April 4, 2017
6:00 pm to 8:00 pm
Gethsemane Baptist Church
565 Jetton Street in Davidson

Meeting Details

EPA will host a public meeting to discuss plans to clean up asbestos contamination on some properties near the Davidson Asbestos Site. EPA sampled 77 properties and, of those, 20 were found to require further action. Result letters were distributed to each property owner that gave EPA permission to sample, and the letter indicates whether further action is required or not. If you have questions about your results, please contact EPA Community Involvement Coordinator Angela Miller (contact information on p. 2).

Removal Action to Begin

Sampling results allowed EPA to identify the properties that have soil or fill believed to be associated with the former asbestos manufacturing facility, Carolina Asbestos Company. EPA developed a removal plan to address the asbestos-contaminated soils, which includes: excavating the soil, replacing with clean fill, topping the areas with sod, and restoring areas to their original condition. Temporary relocation of residents will be required on an as-needed basis while removal activities take place. EPA will be scheduling appointments to meet with these residents one-on-one to discuss the details of the temporary relocation.

Air monitoring and air sampling will be conducted during excavation to ensure that dust suppression methods are effective. Driveways or parking lots with visible asbestos material will be removed and replaced with clean gravel. Contaminated materials will be transported and disposed of at an approved, off-site facility.

Lawn Maintenance

EPA started lawn maintenance on the contaminated properties. Properties will be wet prior to cutting. During the first cut, mowers will be wearing Personal Protective Equipment (PPE), including special coveralls and respirators. Air samples will be taken and grass clippings will be evaluated. If the samples do not detect asbestos, mowers will discontinue use of the PPE. Clippings will be disposed of at an approved disposal facility. These yards will be cut every two weeks until EPA completes the cleanup of the property.

If your property was sampled and no further action is required, you may resume regular lawn maintenance. If you are unsure of the results for your property or have any questions, please contact Angela Miller (contact information on p. 2).

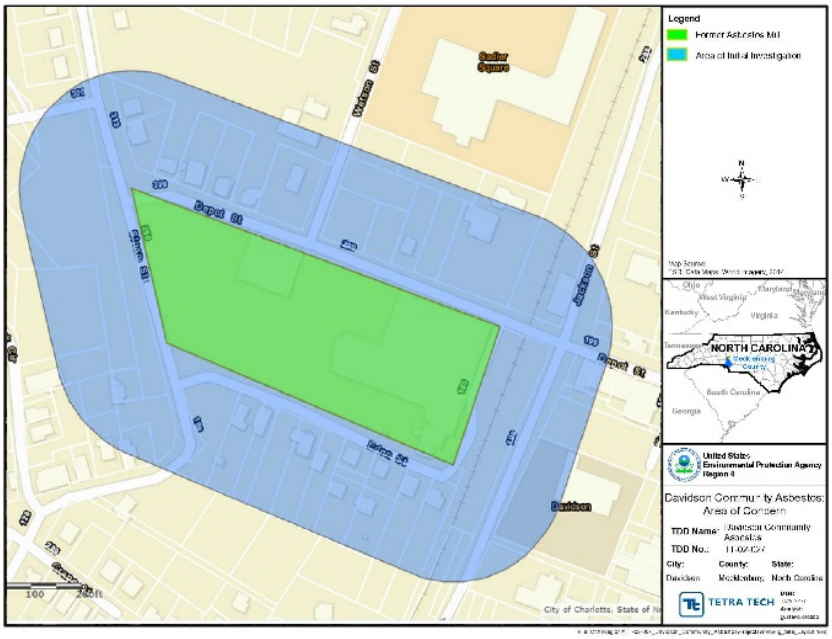
Public Health Concerns

If you believe you were exposed to any asbestos related to this Site, tell your doctor about your exposure and any symptoms that you may have. The North Carolina Department of Health and Human Services also has materials that explain how people may be exposed to asbestos and how it may affect their health (contact information on p. 2). For additional information on health concerns related to asbestos and how to minimize exposure go to: www.atsdr.cdc.gov/asbestos/

Background

In early November 2016, at the request of North Carolina Department of Environmental Quality (NC DEQ), EPA began soil testing at residential properties adjacent to the Davidson Depot Site for possible asbestos. EPA offered soil testing at no cost to residents on portions of Eden, Sloan, Depot, Watson and other streets nearest the Site (see map). If your property is within the area of investigation and you would like to have it sampled, please contact Angela Miller.

While preparing to conduct residential soil sampling, EPA identified suspected asbestos-containing material along Eden and Sloan Streets. Subsequent testing confirmed the material contained asbestos. EPA oversaw the removal of this material from the streets.



EPA CONTACTS

EPA Community Involvement Coordinator
Angela Miller
678-575-8132
miller.angela@epa.gov

EPA On-Scene Coordinator
Jordan Garrard
678-644-8648
garrard.jordan@epa.gov

FOR MORE INFORMATION

NC Department of Environmental Quality
Carolyn Minnich, Brownfields Project Manager
704-661-0330
carolyn.minnich@ncdenr.gov

NC Department of Health and Human Services
919-707-5900
nchace@dhhs.nc.gov

U.S. Environmental Protection Agency

Davidson Asbestos Site
Davidson, N.C.

Fact Sheet #5 **September 2017**

Public Meeting

Tuesday, October 3, 2017

6:00 pm to 8:00 pm
Gethsemane Baptist Church
565 Jetton Street in Davidson

Meeting Details

EPA will host its final public meeting to discuss removal activities conducted on properties near the Davidson Asbestos Site. Following EPA's presentation, a question and answer session will be held. Representatives from NCDEQ, NCDHHS and the Town of Davidson will be present.

Removal Action is complete!

EPA sampled 77 properties and, of those, 20 were found to require further action. Sampling results allowed EPA to identify the properties that have soil or fill believed to be associated with the former asbestos manufacturing facility, Carolina Asbestos Company.

EPA developed a removal plan to address the asbestos-contaminated soils, which included: excavating the soil, replacing with clean fill, topping the areas with sod, and restoring areas to their original condition. EPA temporarily relocated families on an as-needed basis while removal activities took place. The removal action began May 8, 2017 and was completed August 30, 2017.

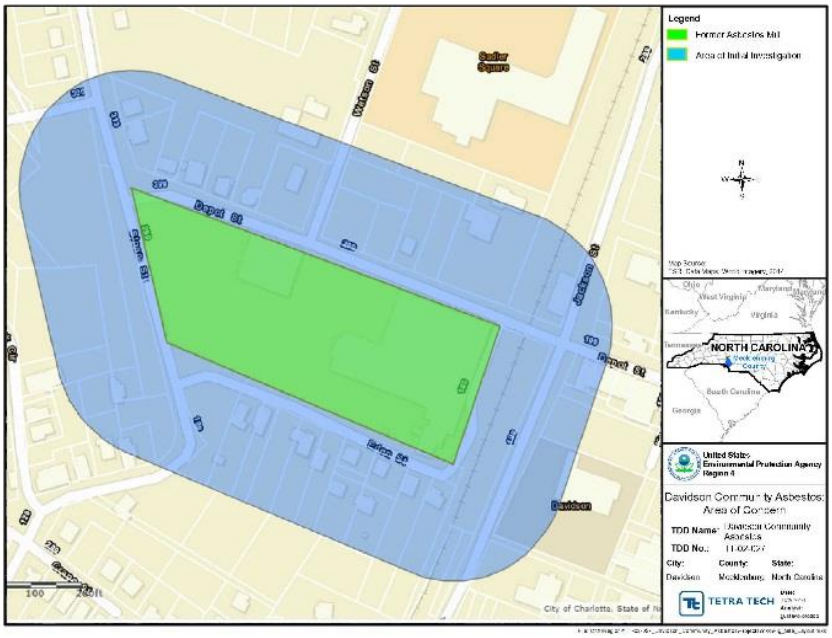
Public Health Concerns

If you believe you were exposed to any asbestos related to this Site, tell your doctor about your exposure and any symptoms that you may have. The North Carolina Department of Health and Human Services also has materials that explain how people may be exposed to asbestos and how it may affect their health. For additional information on health concerns related to asbestos and how to minimize exposure go to: www.atsdr.cdc.gov/asbestos/

Background

In early November 2016, at the request of North Carolina Department of Environmental Quality (NC DEQ), EPA began soil testing at residential properties adjacent to the Davidson Depot Site for possible asbestos. EPA offered soil testing at no cost to residents on portions of Eden, Sloan, Depot, Watson and other streets nearest the Site (see map). If your property is within the area of investigation and you would like to have it sampled, please contact Angela Miller.

While preparing to conduct residential soil sampling, EPA identified suspected asbestos-containing material along Eden and Sloan Streets. Subsequent testing confirmed the material contained asbestos. EPA oversaw the removal of this material from the streets.



EPA CONTACTS

EPA Community Involvement Coordinator
Angela Miller
678-575-8132
miller.angela@epa.gov

EPA On-Scene Coordinator
Jordan Garrard
678-644-8648
garrard.jordan@epa.gov

FOR MORE INFORMATION

NC Department of Environmental Quality
Miguel Alvalle
704-663-1699
Miguel.alvalle@ncdenr.gov

NC Department of Health and Human Services
919-707-5900
nchace@dhhs.nc.gov

U.S. Environmental Protection Agency

Davidson Depot Site
Davidson, N.C.

Fact Sheet **November 2016**

We Need Your Help to Test Soil

EPA is offering free soil testing for possible asbestos to residents closest to the Davidson Depot Site (see blue shaded area of the map). In order to give EPA permission, each property owner must complete the attached access agreement and contact Ken Rhame at (919) 475-7397 or rhame.kenneth@epa.gov to arrange for sampling.

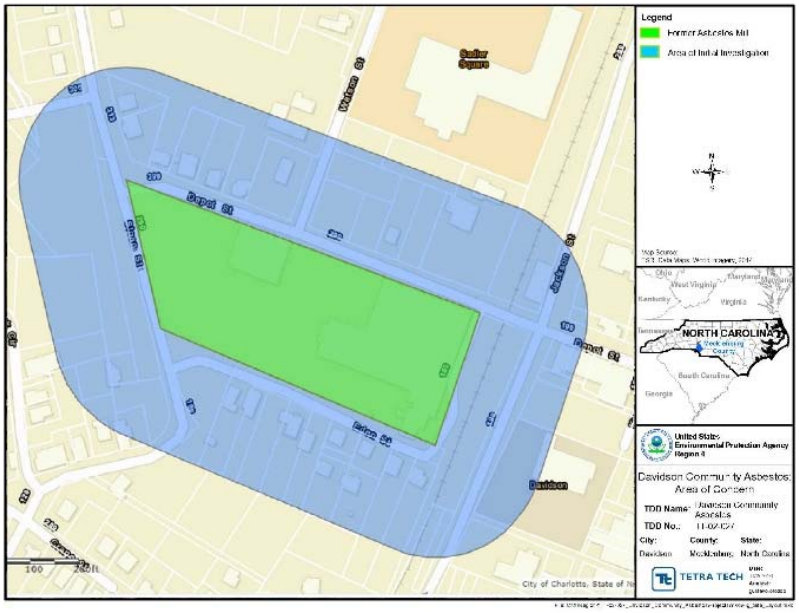
Introduction

At the request of North Carolina Department of Environmental Quality (NC DEQ), EPA is offering to test soil at residential properties adjacent to the Davidson Depot Site for possible asbestos. More information for residents and homeowners is provided below. The results will determine what, if any, additional response actions are necessary to protect human health and the environment.

While preparing to conduct residential soil sampling, EPA identified suspected asbestos-containing material along Eden and Sloan Streets. The release was the result of a varmint digging into the embankment and a localized area where erosion had occurred. Subsequent testing confirmed the material contained asbestos. EPA oversaw the removal of this material from the streets. More information about the removal action appears on page 2.

Residential Soil Sampling

The Site is located at 301 Depot Street in Davidson, N.C., and **EPA is offering soil testing at no cost to residents** on portions of Eden, Sloan, Depot, Watson and other streets nearest the Site (see map). EPA expects to begin residential soil sampling during the week of November 7, 2016.



The samples will be taken outside and homeowners do not have to be present (though homeowners can request to be present, if desired). You may e-mail the signed access agreement to Ken Rhame or contact him to arrange for pick up.

Results will be shared with residents approximately 2-3 weeks after the samples are collected. Individual results will be kept confidential and shared directly with homeowners.

Public Health Concerns

If you believe you were exposed to any asbestos related to this Site, tell your doctor about your exposure and symptoms. The North Carolina Department of Health and Human Services also has materials that explain how you can possibly be exposed to asbestos and how it may affect your health (see contact information below).

Removal Action

On November 1, 2016, EPA's On-Scene coordinator observed suspected asbestos-containing material (ACM) on Eden and Sloan streets while conducting a walk-through of the neighborhood. EPA collected a sample and notified the Davidson Fire Department. The fire department marked off the area using traffic cones. Sample results confirmed the material was ACM (70% asbestos). On November 2, 2016, EPA oversaw the removal of the material and completed the cleanup that day.

EPA CONTACTS

EPA Community Involvement Coordinator

Ron Tolliver
404-562-9591
tolliver.ronald@epa.gov

EPA On-Scene Coordinator

Ken Rhame
919-475-7397
rhame.kenneth@epa.gov

FOR MORE INFORMATION

NC Department of Environmental Quality

Carolyn Minnich, Brownfields Project Manager
704-661-0330
carolyn.minnich@ncdenr.gov

NC Department of Health and Human Services

919-707-5900
nchace@dhhs.nc.gov

U.S. Environmental Protection Agency
Davidson Depot Site
Davidson, N.C.

Fact Sheet #2 **November 2016**

For additional information on health concerns related to asbestos and how to minimize exposure go to:
www.atsdr.cdc.gov/asbestos/

Sampling Results and Next Steps

Field observations and preliminary data confirm that asbestos is present in the soil at several properties surrounding the Davidson Depot Site, located at 301 Depot Street in Davidson, N.C. (see map on page 2). Asbestos could be harmful to residents if they are exposed through inhalation of airborne dust. EPA is collecting and validating data to determine the extent of the problem. The results will determine what additional response actions are necessary to protect human health and the environment.

To minimize the potential for exposure to airborne dust, EPA is bringing in a water truck to wet properties in the area. This will take place, as needed, until EPA determines what additional actions may be necessary. In addition to dust control, EPA is conducting air sampling throughout the neighborhood to monitor the situation and evaluate the effectiveness of the watering.

What You Can Do

While EPA collects the data needed to determine the next steps, you can help limit exposure by refraining from any type of yard maintenance that involves disturbing soils, such as mowing your grass, blowing leaves, gardening, raking, etc. We also ask that you try to prevent tracking dust into your home. Removing your shoes before entering is one way that you can limit exposure. Our combined efforts will minimize potential exposure and help to protect human health.

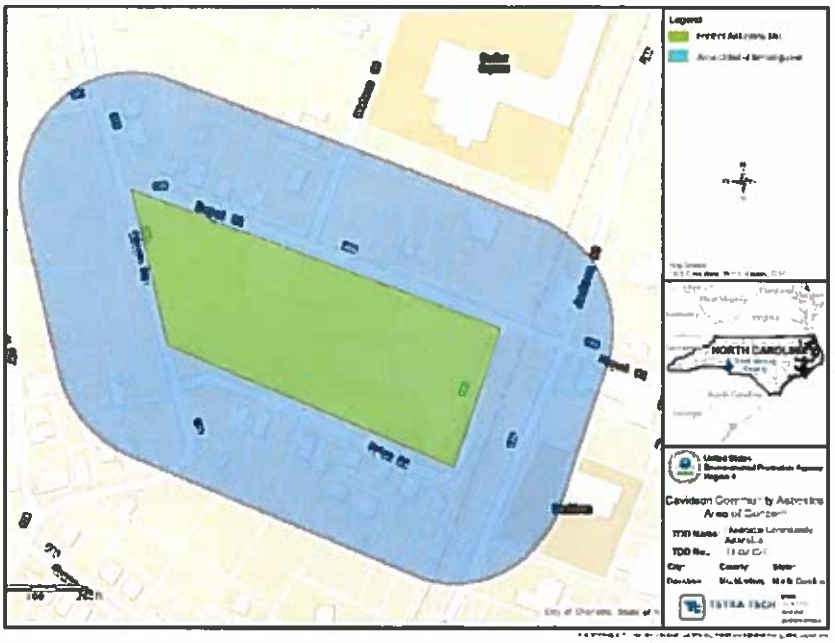
Public Meeting

EPA is in the process of planning a public meeting for the week of December 5, 2016. The purpose of this meeting is to provide an update on recent activities, discuss next steps and address any questions and concerns that residents may have. EPA will notify the community by distributing flyers door-to-door, once the details of the meeting (date/location/time) are confirmed.

Public Health Concerns

If you believe you were exposed to any asbestos related to this Site, tell your doctor about your exposure and symptoms. The North Carolina Department of Health and Human Services also has materials that explain how you can possibly be exposed to asbestos and how it may affect your health (see contact information below).

Background



In early November 2016, at the request of North Carolina Department of Environmental Quality (NC DEQ), EPA began soil testing at residential properties adjacent to the Davidson Depot Site for possible asbestos. EPA is offering soil testing at no cost to residents on portions of Eden, Sloan, Depot, Watson and other streets nearest the Site (see map).

The samples are taken outside and homeowners do not have to be present (though homeowners can request to be present, if desired). Final results will be shared with residents . Individual results will be kept confidential and shared directly with homeowners.

While preparing to conduct residential soil sampling, EPA identified suspected asbestos-containing material along Eden and Sloan Streets. The release was the result of a varmint digging into the embankment and a localized area where erosion had occurred. Subsequent testing confirmed the material contained asbestos. EPA oversaw the removal of this material from the streets.

EPA CONTACTS

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Angela Miller
678-575-8132
miller.angela@epa.gov

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Ken Rhame
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FOR MORE INFORMATION

NC Department of Environmental Quality
Carolyn Minnich, Brownfields Project Manager
704-661-0330
carolyn.minnich@ncdenr.gov

NC Department of Health and Human Services
919-707-5900
nchace@dhhs.nc.gov

U.S. Environmental Protection Agency

Davidson Depot Site
Davidson, N.C.

Fact Sheet #3 **December 2016**

Public Meeting

Tuesday, December 6, 2016
6:30 pm to 8:30 pm
Davidson Presbyterian Church
214 Depot Street

Meeting Details

The purpose of the public meeting is to provide an update on recent activities and discuss next steps. Representatives from EPA, North Carolina Department of Environmental Quality, and North Carolina Department of Health and Human Services will be available to answer questions or address concerns that residents may have regarding contamination from the Site.

Sampling Results

Field observations and sampling results confirm that asbestos is present in the soil at several properties surrounding the Davidson Depot Site, located at 301 Depot Street in Davidson, N.C. (see map on page 2). Asbestos could be harmful to residents if they are exposed through inhalation of airborne dust. EPA is collecting and validating data to determine the extent of the problem. The results will determine what additional response actions are necessary to protect human health and the environment.

To minimize the potential for exposure to airborne dust, EPA has been wetting properties in the area using a water truck. This will continue to take place, as needed, until EPA determines what additional actions may be necessary. In addition to dust control, EPA conducted air sampling throughout the neighborhood to monitor the situation and evaluate the effectiveness of the watering. The air samples results were non detect.

What You Can Do to Help

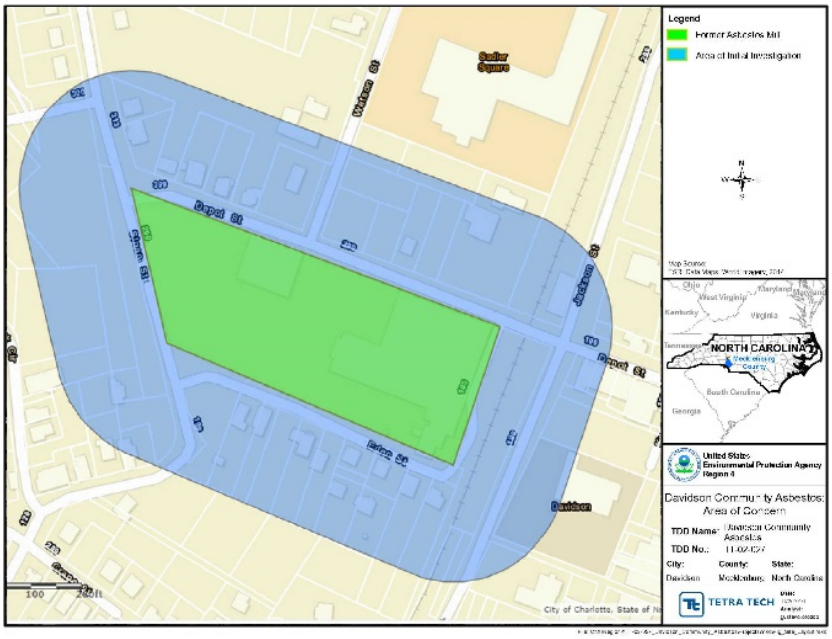
While EPA collects the data needed to determine the next steps, you can help limit exposure by refraining from any type of yard maintenance that involves disturbing soils, such as mowing your grass, blowing leaves, gardening, raking, etc. We also ask that you try to prevent tracking dust into your home. Removing your shoes before entering is one way that you can limit exposure. Our combined efforts will minimize potential exposure and help to protect human health.

Public Health Concerns

If you believe you were exposed to any asbestos related to this Site, tell your doctor about your exposure and symptoms. The North Carolina Department of Health and Human Services also has materials that explain how you can possibly be exposed to asbestos and how it may affect your health (see contact information on page 2). For additional information on health concerns related to asbestos and how to minimize exposure go to: www.atsdr.cdc.gov/asbestos/

Background

In early November 2016, at the request of North Carolina Department of Environmental Quality (NC DEQ), EPA began soil testing at residential properties adjacent to the Davidson Depot Site for possible asbestos. EPA is offering soil testing at no cost to residents on portions of Eden, Sloan, Depot, Watson and other streets nearest the Site (see map).



The samples are taken outside and homeowners do not have to be present (though homeowners can request to be present, if desired). Results will be shared with residents approximately 2-3 weeks after the samples are collected. Individual results will be kept confidential and shared directly with homeowners.

While preparing to conduct residential soil sampling, EPA identified suspected asbestos-containing material along Eden and Sloan Streets. The release was the result of a varmint digging into the embankment and a localized area where erosion had occurred. Subsequent testing confirmed the material contained asbestos. EPA oversaw the removal of this material from the streets.

EPA CONTACTS

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miller.angela@epa.gov

EPA On-Scene Coordinator

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FOR MORE INFORMATION

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Carolyn Minnich, Brownfields Project Manager
704-661-0330
carolyn.minnich@ncdenr.gov

NC Department of Health and Human Services
919-707-5900
nchace@dhhs.nc.gov

August 17, 2015

Kimley-Horn & Associates
2000 South Boulevard, Suite 440
Charlotte, North Carolina 28203

Attention: Mr. Chris Tinklenberg, P.E.

Reference: **Geotechnical Letter Report – Asbestos Sampling**
Proposed Potts-Sloan Roadway
Davidson, North Carolina
S&ME Project No. 1335-14-117
NC PE Firm License No. F-0176

Dear Mr. Tinklenberg:

S&ME, Inc. (S&ME) is pleased to present this geotechnical – asbestos sampling letter report for the proposed roadway in Davidson, North Carolina. This exploration was performed in general accordance with our proposal No. 13-1400486R dated September 3, 2014. Authorization to proceed with the sampling was provided by execution of an IPO referencing the "Standard Master Agreement for Continuing Professional Services between Kimley-Horn and Associates, Inc. and a Subconsultant" executed by Kimley-Horn and Associates, Inc. and S&ME, Inc. dated March 9, 2010.

The purpose of this study was to determine the asbestos content of soil borings collected from the referenced site. This report presents our findings and conclusions concerning the asbestos analysis of soil boring materials.

PROJECT INFORMATION

Project information is based on telephone and e-mail correspondence between Rob Hume and Chris Tinklenberg of Kimley-Horn and Associates, Inc. (KHA) and Duane Bents of S&ME from June 18 through August 28, 2014. It is also based on a meeting between Mr. Tinklenberg and Mr. Bents on August 22, 2014, telephone conversations between Mr. Tinklenberg and Mr. Bents on September 4, 2014, and a telephone conversation between Mr. Tinklenberg and Luis Campos of S&ME on November 18, 2014.

We understand that KHA is providing preliminary design and environmental consulting services to the Town of Davidson for a planned roadway connecting Sloan Street and Potts Street. Currently, two roadway alignments are being pursued in order to assess the impact to residences. Both alignments are likely to require up to 15 feet of fill placement. In addition, streetscape improvements (e.g., sidewalks, etc.) are planned along the west

site of Sloan Street north of the new connector roadway. Some limited grading (less than 2 feet) will be required for the streetscape improvements along Sloan Street.

We understand that the large parcel located north and east of the study area (Mecklenburg County Parcel ID No. 00325301) addressed 301 Depot Street houses an industrial building that previously operated as an asbestos manufacturing facility (Carolina Asbestos Company). A *Report of Phase I ESA – Metrolina Warehouses* prepared by MACTEC and dated December 20, 2007 was provided to us and indicates that buried asbestos had been discovered during previous warehouse construction activities. This asbestos assessment investigated the soils along the side of an approximately 160 foot section of roadway

PURPOSE AND SCOPE

The purpose of this study was to assess the presence of asbestos-containing materials in site soils.

S&ME has completed the following scope of services for this project:

- A Certified Industrial Hygienist (CIH) and geotechnical engineer marked test locations based upon information from the Client and provided drilling oversight.
- Drilled four (4) soil test borings at the site.
- Visually observed each sample in the field for potential asbestos-containing materials and collected representative samples of materials. In the event that no suspect asbestos-containing materials were observed, random sampling of the soil within each boring was to be performed.
- Backfilled the boreholes with soil cuttings, installed a hole closure device near the ground surface in each borehole, and backfilled with soil cuttings to the ground surface.
- Submitted samples to our NVLAP accredited laboratory for analysis using polarized light microscopy (PLM) with dispersion staining in accordance with the EPA 600/R-93/116 Method.
- Prepared this geotechnical/asbestos letter report.

EXPLORATION PROCEDURES

During drilling activities, Thomas Gardner visually examined each sample in the field to assess the potential for asbestos-containing materials. Mr. Gardner is accredited by the State of North Carolina as an Asbestos Inspector, North Carolina accreditation number 12408. Samples were taken from 4 borings, approximately 40 feet apart.

ASBESTOS CONTAINING MATERIALS

During the field evaluation, the Asbestos Inspector did not observe potential asbestos-containing materials within the soil samples obtained. A total of four (4) samples were selected from those obtained for further laboratory analysis. The results of the laboratory testing are attached in the Asbestos Analysis Summary sheets.

No Asbestos Containing Materials (ACMs) were identified in the soil samples obtained during the evaluation.

In the event that suspect material not addressed in this report is discovered, contact S&ME to test the material before it is disturbed.

LIMITATIONS OF REPORT

The boring locations given in this report should be considered accurate only to the degree implied by the methods used to determine them.

This report has been prepared for the exclusive use of the client for specific application to the subject project and project site. It has been prepared in accordance with generally accepted geotechnical engineering practice for specific application to this project. The conclusions and recommendations contained in this report are based upon applicable standards of our practice in this geographic area at the time this report was prepared. No other warranty, expressed or implied, is made.

CLOSURE

S&ME appreciates the opportunity to assist you during this phase of the project. If you should have any questions concerning this report or if we may be of further assistance, please contact us.

Very truly yours,

S&ME, Inc.

Jena R. Abney, MPH.
Project Professional

C. Mike Cashio, Jr. CIH
Principal Industrial Hygienist

Senior Reviewed by: C. Mike Cashio, Jr. CIH

Attachments: Asbestos Analysis Summary and Lab Report

T:\Projects\2014\GEO\1335-14-117 Potts Sloan Roadway\Deliverables

ASBESTOS INSPECTION DATA SHEET

Project Number: 1335-14-117 Phase 02
Date of Inspection: 7/29/15
Inspector: Thomas Gardner
Accreditation No: 12408
Project Name: Potts – Sloan Roadway
Assistant(s):

Description of Structure(s) Inspected: Soil Borings

HOMOGENEOUS AREA: **SAMPLE DATA:**

Area ID	Area Description	Area Location	Approx Size (SF or LF)	Cat[1] (F/I/II)	Condition[2] (PD/PSD/ D/SD)	Sample Number	Sample Location	Asbestos Content
S1	Soil	Boring S1 *No suspect materials -4' Soil sample taken *No suspect material -10' natural soil at -9'	NA	I	PD	S1-1 S1-1	-4' -10'	None Detected None Detected
S2	Soil	Boring S2 *No suspect materials at -4' Soil sample taken *No suspect materials at -8' Natural soil at 9.5'	NA	I	PD	S2-1 S2-2	-4' -9.5'	None Detected None Detected
S3	Soil	Boring S3 *No suspect materials at -10' Soil sample taken *No suspect material at -15' Natural soil at -14'	NA	I	PD	S3-1 S3-2 S3-3	-5' -10' -15'	None Detected None Detected None Detected

[1]Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable
[2]Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD-Significantly Damaged

Tom Gardner
Inspector Signature

ASBESTOS INSPECTION DATA SHEET

Project Number: 1335-14-117 Phase 02
Project Name: Potts – Sloan Roadway
Date of Inspection: 7/29/15
Inspector: Thomas Gardner
Accreditation No: 12408
Assistant(s):

Description of Structure(s) Inspected: Soil Borings

HOMOGENEOUS AREA: **SAMPLE DATA:**

Area ID	Area Description	Area Location	Approx Size (SF or LF)	Cat[1] (F/I/II)	Condition[2] (PD/PSD/ D/SD)	Sample Number	Sample Location	Asbestos Content
S4	Soil	Boring S4	NA	I	PD	S4-1	-3’	None Detected
		*No suspect materials at -3’ Soil sample taken				S4-2	-6’	None Detected
		*Asphalt like material at -6’				S4-3	-10’	None Detected
		*No suspect materials at -10’ Soil sample taken						
		-14’ native soil						

[1]**Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable**
[2]**Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD-Significantly Damaged**

Tom Gardner
Inspector Signature

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Charlotte Branch
Client Job Potts Sloan Roadway

9751 Southern Pine Blvd.
Charlotte NC 28273

Date Received 7/29/2015
Date Analyzed 8/3/2015

Job Number 1335-14-117

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
15-8786	S1-1	GREY GRANULAR		ND		100 OTHER
15-8787	S1-2	GREY GRANULAR		ND		100 OTHER
15-8788	S2-1	RED/BROWN GRANULAR		ND	<1 CELLULOSE	100 OTHER
15-8789	S2-2	GREY GRANULAR		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 1335-14-117

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
15-8790	S3-1	BROWN GRANULAR		ND	<1 CELLULOSE	100 OTHER
15-8791	S3-2	RED/GREY GRANULAR		ND		100 OTHER
15-8792	S3-3	RED/GREY GRANULAR		ND		100 OTHER
15-8793	S4-1	BROWN GRANULAR		ND	<1 CELLULOSE	100 OTHER
15-8794	S4-2	BROWN GRANULAR		ND		100 OTHER
15-8795	S4-3	GREY GRANULAR		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
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BULK SAMPLE
CHAIN OF CUSTODY RECORD

S&ME 1/1

POLARIZED LIGHT MICROSCOPY
PERFORMED BY EPA 600/R-93/116 METHOD

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
1335-14-117	Potts Sloan Broadway	Tom Gardner	7/29/15	1430	7/29/15
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
SAMPLER(S) Thomas Gardner	DATE TAKEN 7/29/15	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

SAMPLE #	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
S1-1	15-8786								PM M. Cashin
S1-2	87								
S2-1	88								
S2-2	89								
S3-1	90								
S3-2	91								
S3-3	92								
S4-1	93								
S4-2	94								
S4-3	8795								

☐ Same Day ☐ 24 Hour ☐ 48 Hour ☑ 3-5 Day ☐ 6-10 Day

ALL SAMPLES WILL BE DISPOSED OF AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

By signing below, I warrant that I am authorized to enter into this agreement for the client named below, and that I authorize the above analysis subject to the terms and conditions on the reverse hereof.

AUTHORIZED BY _____ (DATE & TITLE)

PRINT NAME _____

This agreement is governed by the terms and conditions on the reverse side hereof.

Analysis charges shall be as included in S&ME, Inc.'s fee schedule in effect at the time of the analysis.

CLIENT INVOICE INFORMATION		SEND COPIES OF RESULTS TO	
Client Name	ATTN:	Name, Dept.	
Client PO#		Co.	
Address		Address	
City, State, Zip		City, State, Zip	
Phone:	FAX:	Phone:	FAX:

WHITE COPY-LABORATORY YELLOW COPY-ACCOUNTING PINK COPY-CLIENT

Asbestos in Your Environment: What You Can Do to Limit Exposure

Asbestos may be present in your environment because it can be released from natural deposits or asbestos-containing products. Breathing asbestos could harm you. Avoiding asbestos and keeping dust down are the best ways to keep from breathing asbestos.

What is asbestos?

Asbestos is a general name given to a group of six different minerals made up of fibers and occurring naturally in the environment. Asbestos minerals do not dissolve in water or evaporate. They resist heat and fire and cannot be broken down easily by chemicals or bacteria.

Where is asbestos in the environment?

- Asbestos is made up of tiny fibers, too small to be seen with the naked eye. Disturbing natural asbestos deposits or asbestos-containing consumer products can spread the asbestos throughout soils in an area and release the tiny asbestos fibers into the air.
- Asbestos forms naturally in certain types of rock and is more often found near fault zones. If rocks containing asbestos are at the ground surface, you might be able to see veins of asbestos in them. Asbestos might also be present in waste piles from old asbestos mining operations or in other products such as talc or vermiculite.

A geologist can tell if the rocks in an area are more likely to contain asbestos.

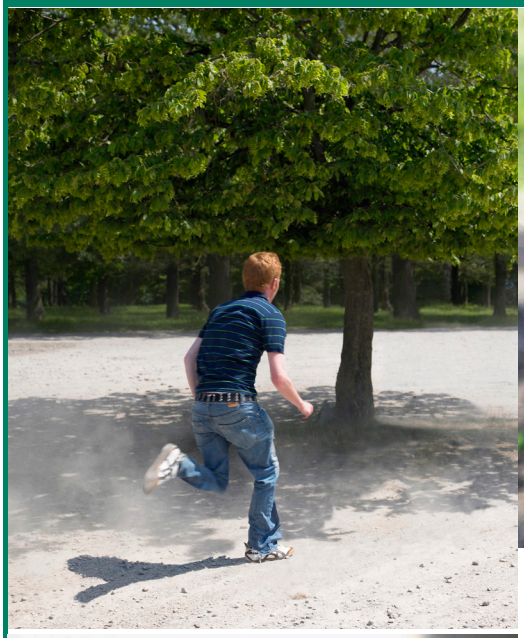
A laboratory can test samples of rock, soil, or other materials to see if they have asbestos in them.

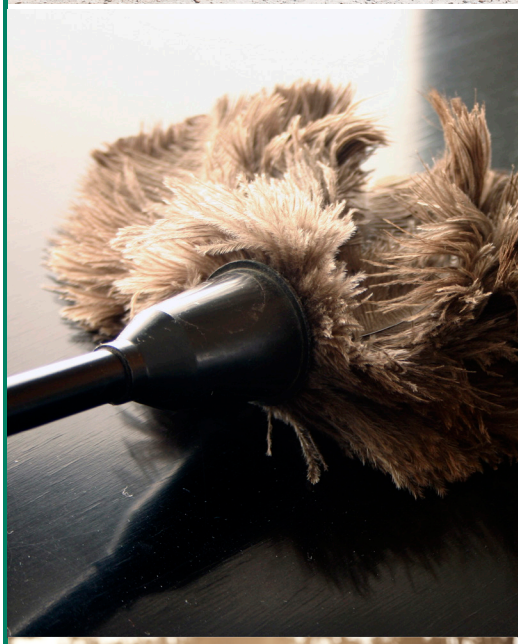
- In the past, companies mined asbestos minerals to use in making many types of consumer products. Although most products no longer contain asbestos, it's still used in a few products in the United States and in some other countries. Asbestos is present in old asbestos-containing consumer products. As these old products break down due to age or improper disposal, asbestos fibers can be spread throughout the environment.

Agency for Toxic Substances and Disease Registry
Division of Community Health Investigations

CS270470A

How can I be exposed to asbestos?





You might breathe in asbestos fibers if asbestos-containing products or rocks are disturbed in some way. In areas that have natural asbestos or low-level asbestos contamination of soil, you could be exposed by

- Digging or shoveling dirt or using a leaf blower
- Running, hiking, bicycling, or riding off-road vehicles on unpaved surface

You can also breathe in asbestos indoors if old asbestos materials are present or if someone has tracked asbestos into the house from outside.

What should I do if I suspect asbestos might be present in my home or environment?

- **Be concerned.** Breathing asbestos can cause cancer and other diseases. Current science indicates that breathing any type of asbestos at any level can increase the risk of disease.
- **Don't panic**. In most cases, asbestos-related diseases develop after many years of regular exposure to relatively high levels of asbestos. Years (sometimes decades) may pass before disease develops, if it ever does.
- **Take action.** Reducing possible asbestos exposure now will minimize your risk of developing any asbestos disease in the future.

How can I reduce asbestos exposure outside?

Cover up possible sources.

Wet the ground before gardening or playing.

Drive slowly on unpaved roads.

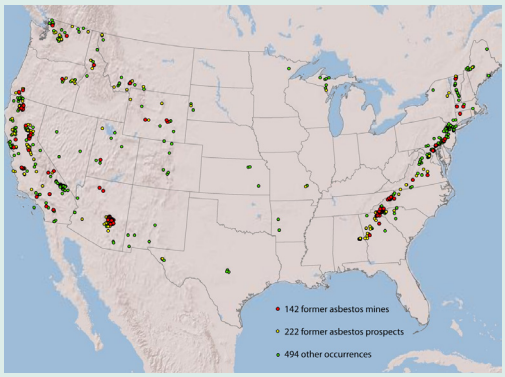
Support ordinances and regulations to reduce the level of construction dust.

Keep dust down.

Use asbestos-free soil or landscape materials to cover gardens and yards that might have asbestos-containing rock or soil.

Pave walkways, driveways, or roadways that might have asbestos-containing rock or soil.

Plan your outdoor activities.



Learn if natural asbestos might be found in your area or areas you visit. The US Geological Survey has a national map of reported natural asbestos occurrences (http://mrdata.usgs.gov/asbestos/), and some states and counties have more-detailed maps of areas more likely to contain asbestos.

If asbestos might be present, stay on paved trails or areas with ground covering over the native soil.

Avoid old building sites or places with visible waste.

How can I reduce asbestos exposure inside?

Minimize possible sources.

Avoid touching or disturbing any possible asbestos-containing materials in your home. Pictures clockwise show examples of old pipe insulation, textured ceilings, damaged floor tiles, and vermiculite attic insulation.

Talk to your local or state environmental agency or an asbestos contractor about having asbestos-containing materials safely removed.

Prevent dirt and dust from entering your home.

Use doormats and remove shoes before entering.

Wipe your pets with a damp cloth.

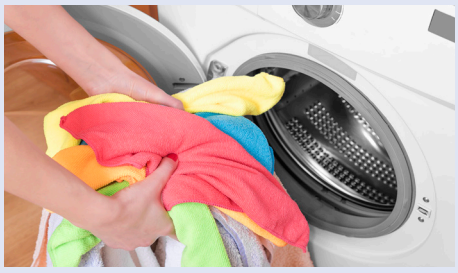
Keep windows and doors closed on windy days and during nearby construction.

Clean properly.

Use a wet rag to dust, instead of a dry rag or duster.

Use a wet mop on non-carpeted floors.

Vacuum often using a vacuum with a high efficiency HEPA filter.



Use washable area rugs on your floors, and wash them regularly.