

JOSH STEIN
Governor

D. REID WILSON
Secretary

MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

MICHELLE L. MORRIS
7534 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7534 BEVERLY DR
Parcel: #9486493527

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7534 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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Location of 7534 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7534 Beverly Drive

FIGURE NO.
1



RESIDENTIAL SCP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

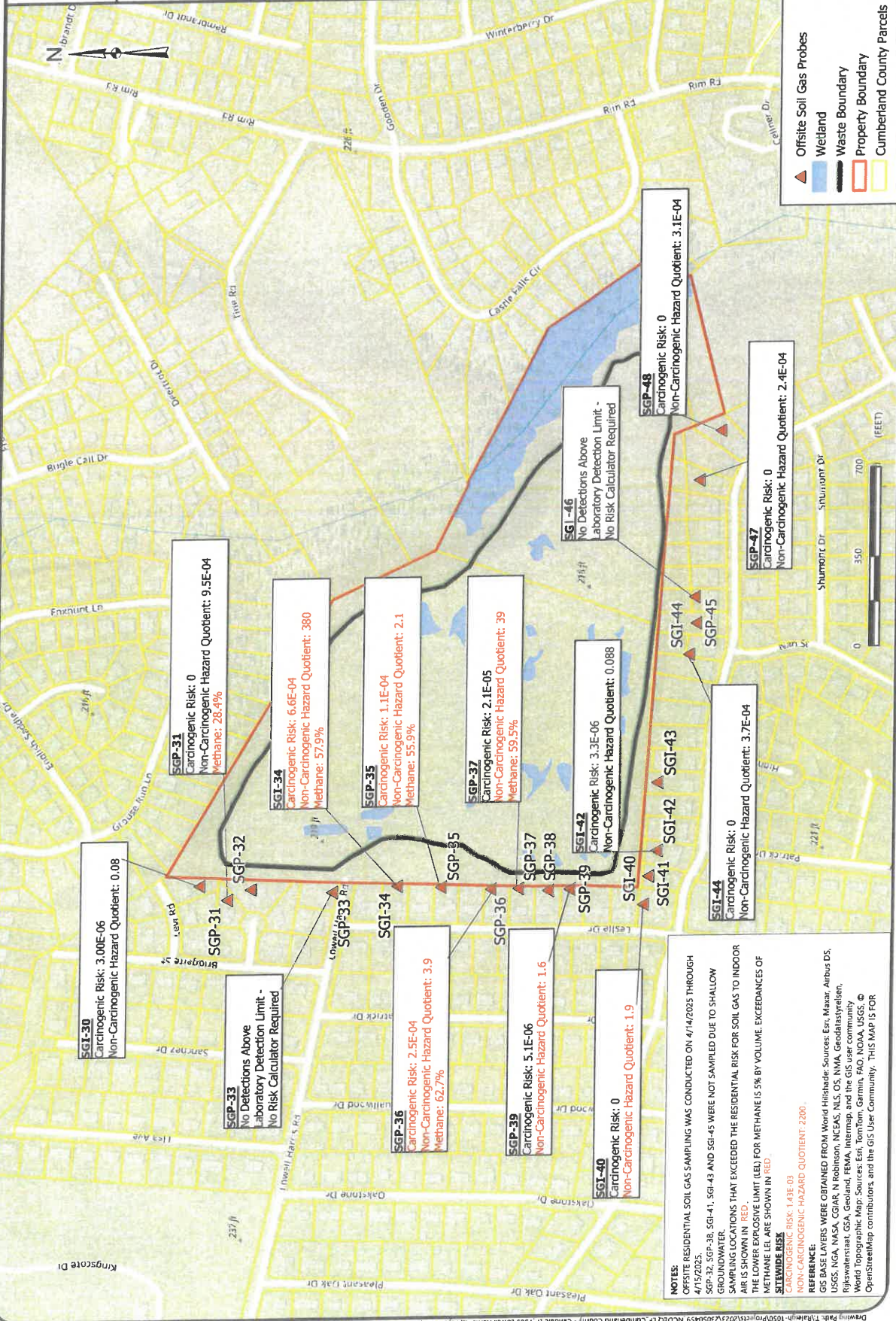
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEQ ID NCD980502900 TASK ORDER 2900R-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in: 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO
2





DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
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Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- **100% Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
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- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
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- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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NC0064 / 11302023

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September 26, 2025

BILLY D. SCOTT, CHERYL SCOTT
7530 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7530 BEVERLY DR
Parcel: #9486494518

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7530 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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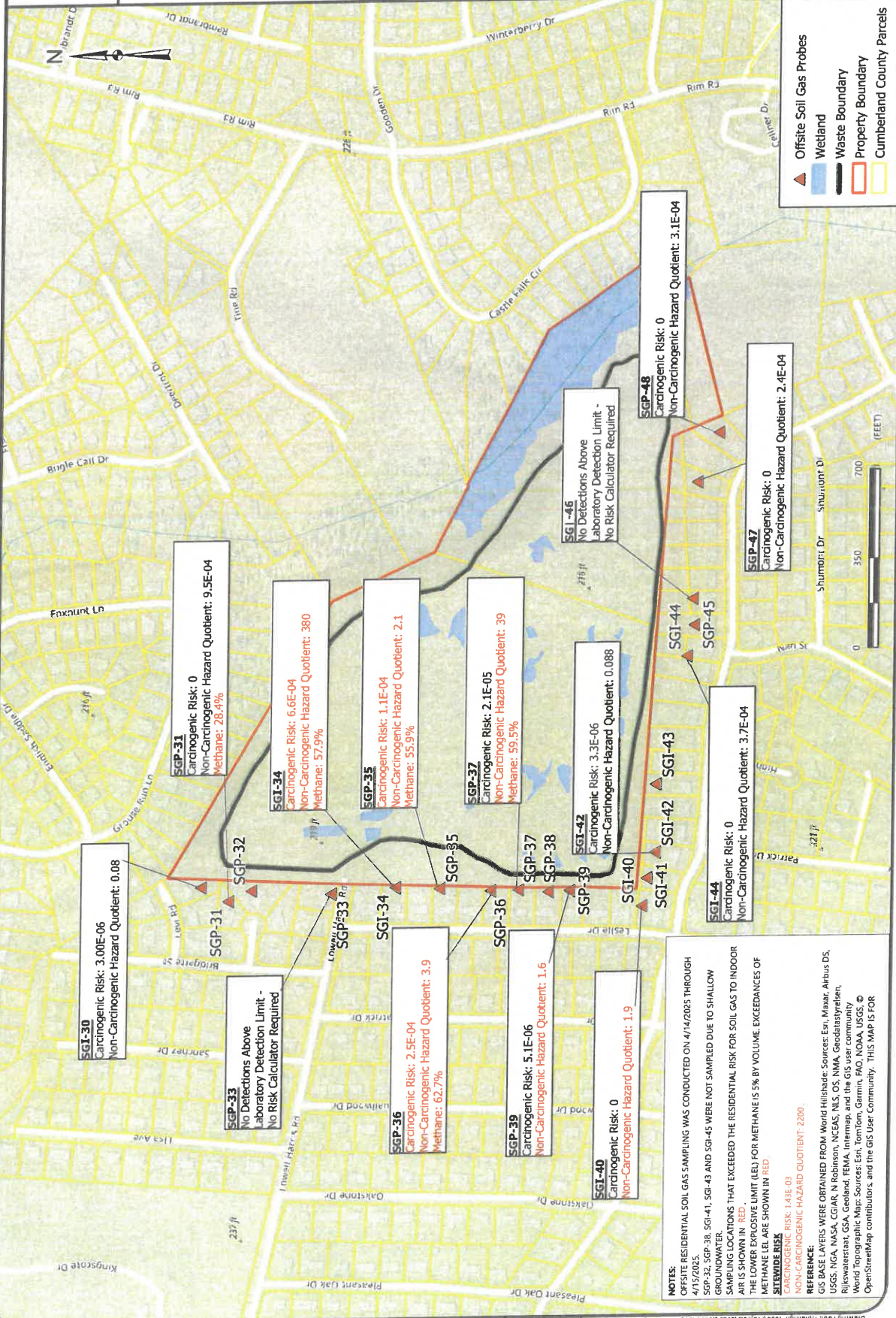


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Location of 7530 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7530 Beverly Drive

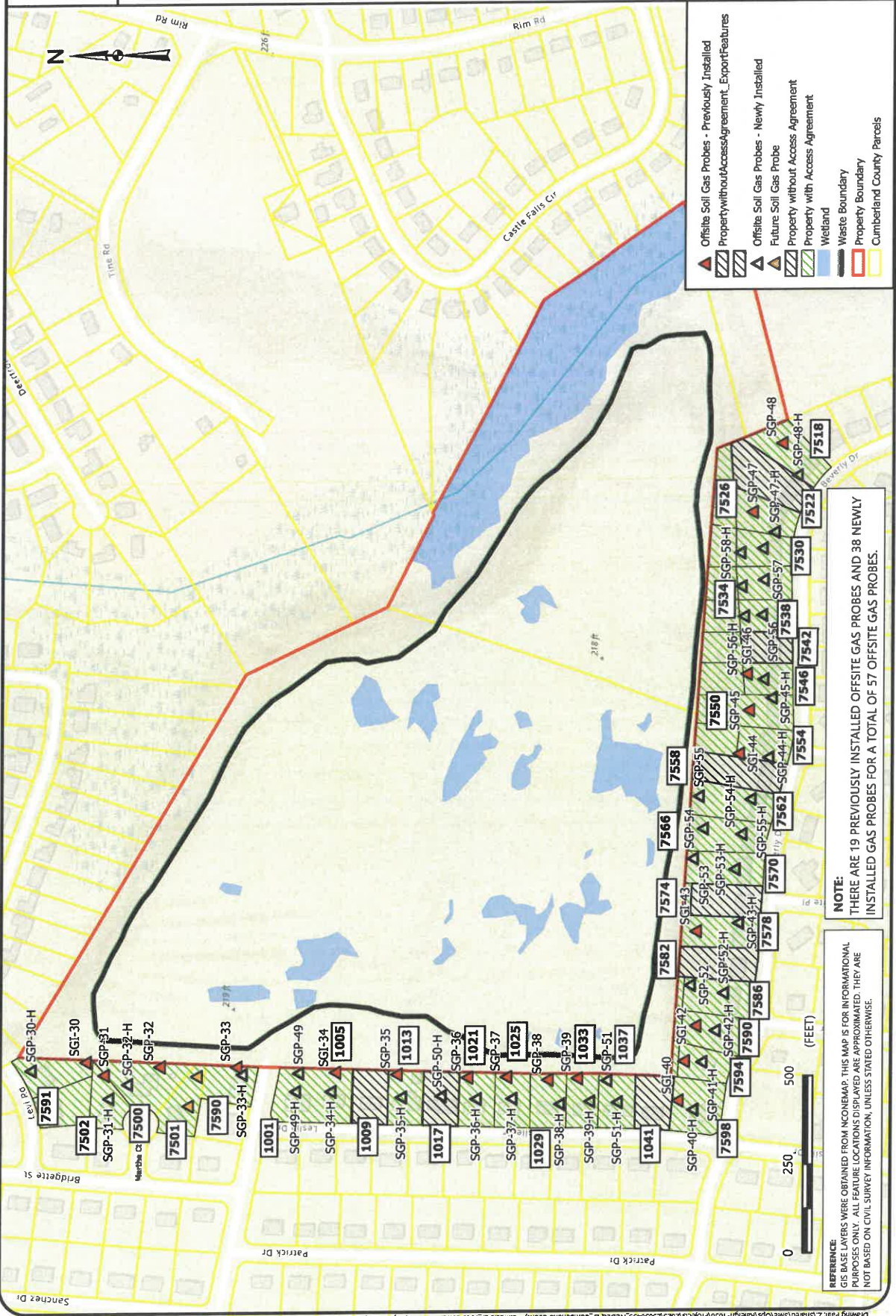




7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA
 NCDQ ID NCD980502900 TASK ORDER 2900RI-15
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL

ADDITIONAL ASSESSMENT ACTIVITIES
 OFFSITE SOIL GAS PROBES

SCALE:	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER:	23050459
FIGURE NO.:	3



Legend:

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement
- ▧ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▧ Property with Access Agreement
- ▨ Wetland
- ▭ Waste Boundary
- ▭ Property Boundary
- ▭ Cumberland County Parcels

NOTE:
 THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
 INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM MCONEMAP. THIS MAP IS FOR INFORMATIONAL
 PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE
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Specifications

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Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
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Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
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September 26, 2025

JAMES BURNS, TAMIKA BURNS
MONICA BURNS, TOSHIBA BURNS-JOHNSON
7526 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7526 BEVERLY DR
Parcel: #9486495517

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

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Superfund Section, Special Remediation Branch

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Location of 7526 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7526 Beverly Drive



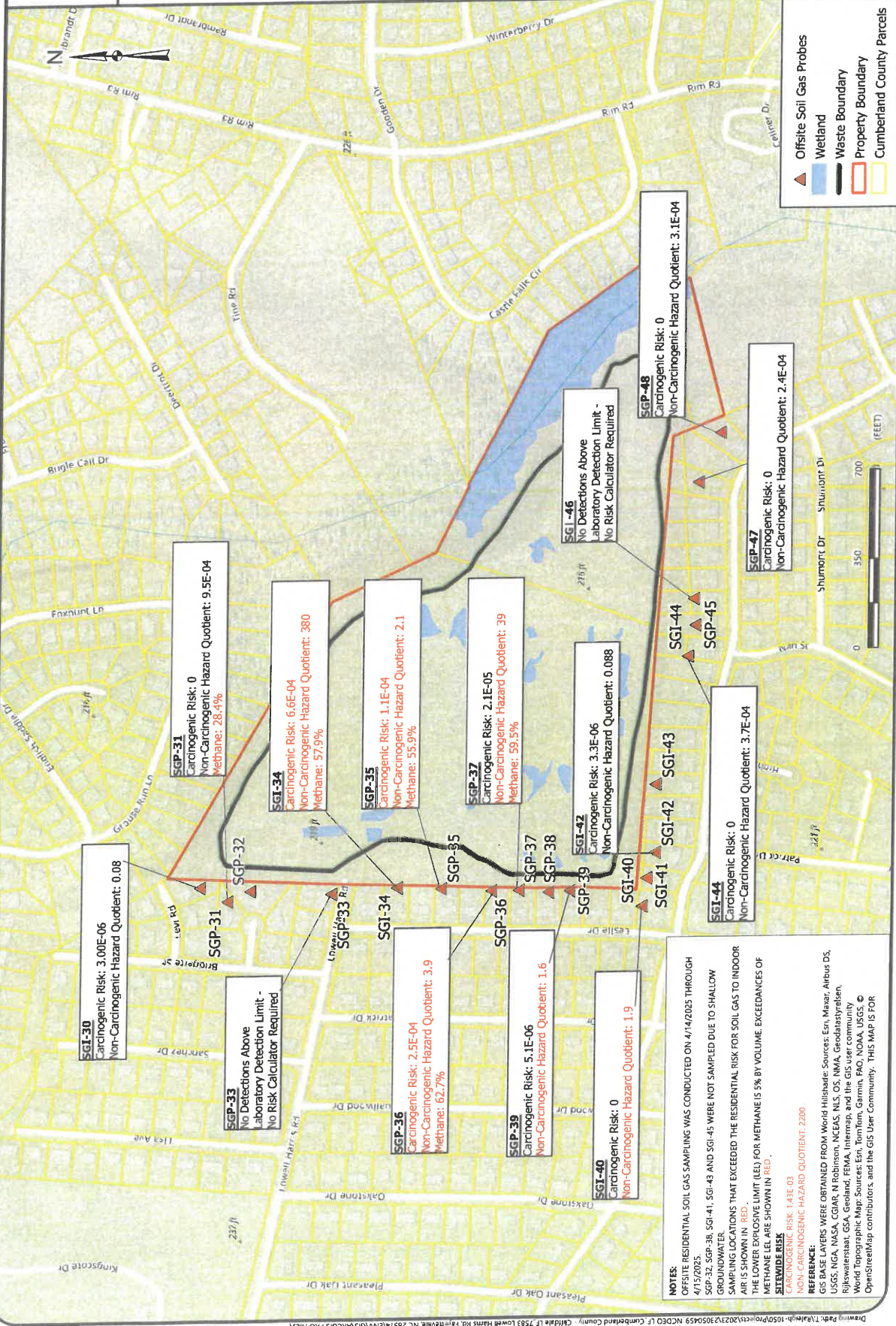
RESIDENTIAL SCP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFDALE LANDFILL
 NCDCE ID NCD980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
 1 in: 350 Feet

DATE:
 6/11/2025

PROJECT NUMBER
 23050459

FIGURE NO
2



NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGP-41, SGI-43 AND SGI-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
 SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
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SLIETWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200

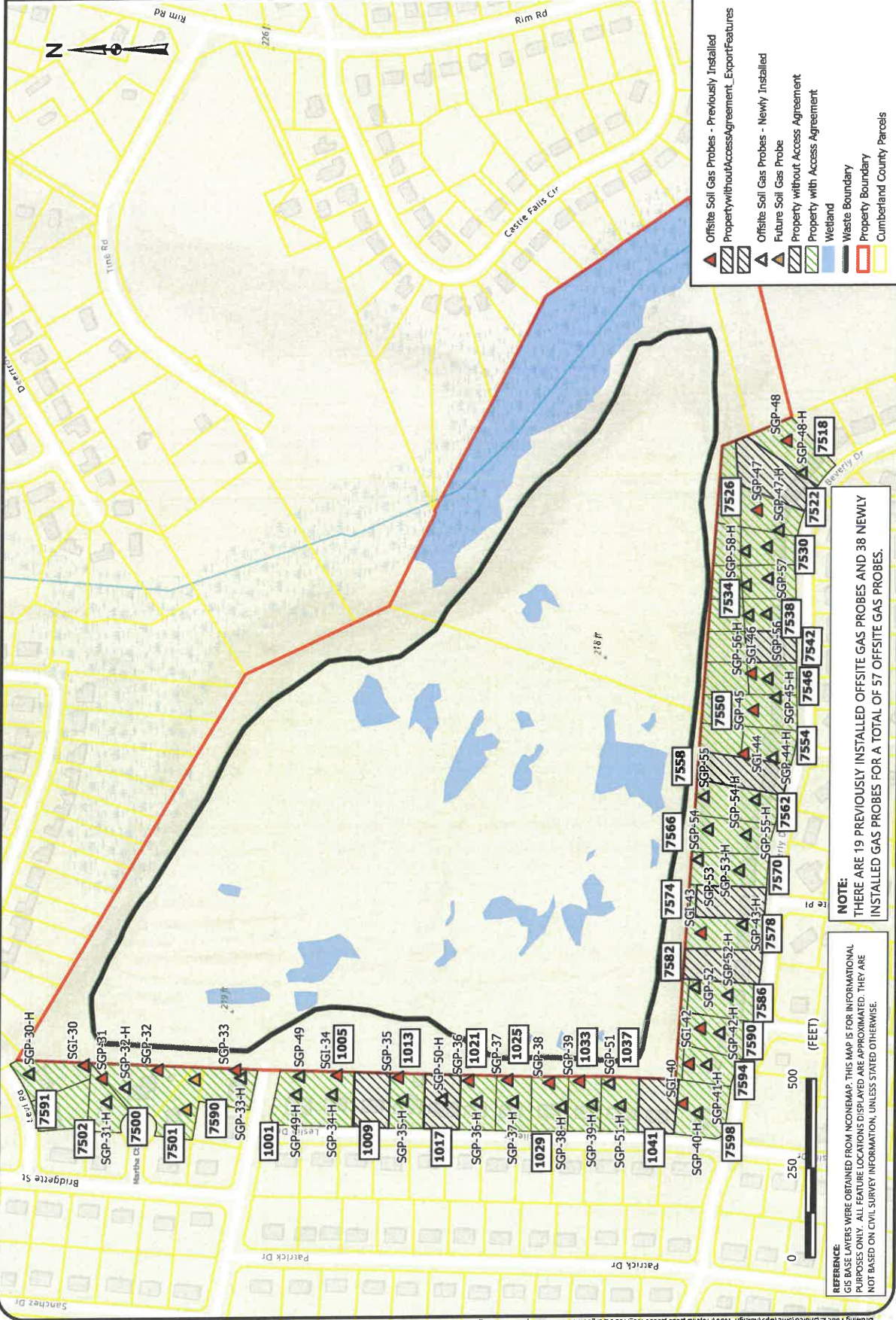
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hydrobase; Sources: Esri, Maxar, Airbus DS, USGS, NASA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastralen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map; Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEN ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in = 250 feet
DATE: 9/18/2025
PROJECT NUMBER: 23050459
FIGURE NO. 3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement - Export Features
- ▨ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
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September 26, 2025

CORNELL C & SARA J HOPKINS
7522 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7522 BEVERLY DR
Parcel: #9486496527

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Cumberland County/Cliffdale LF



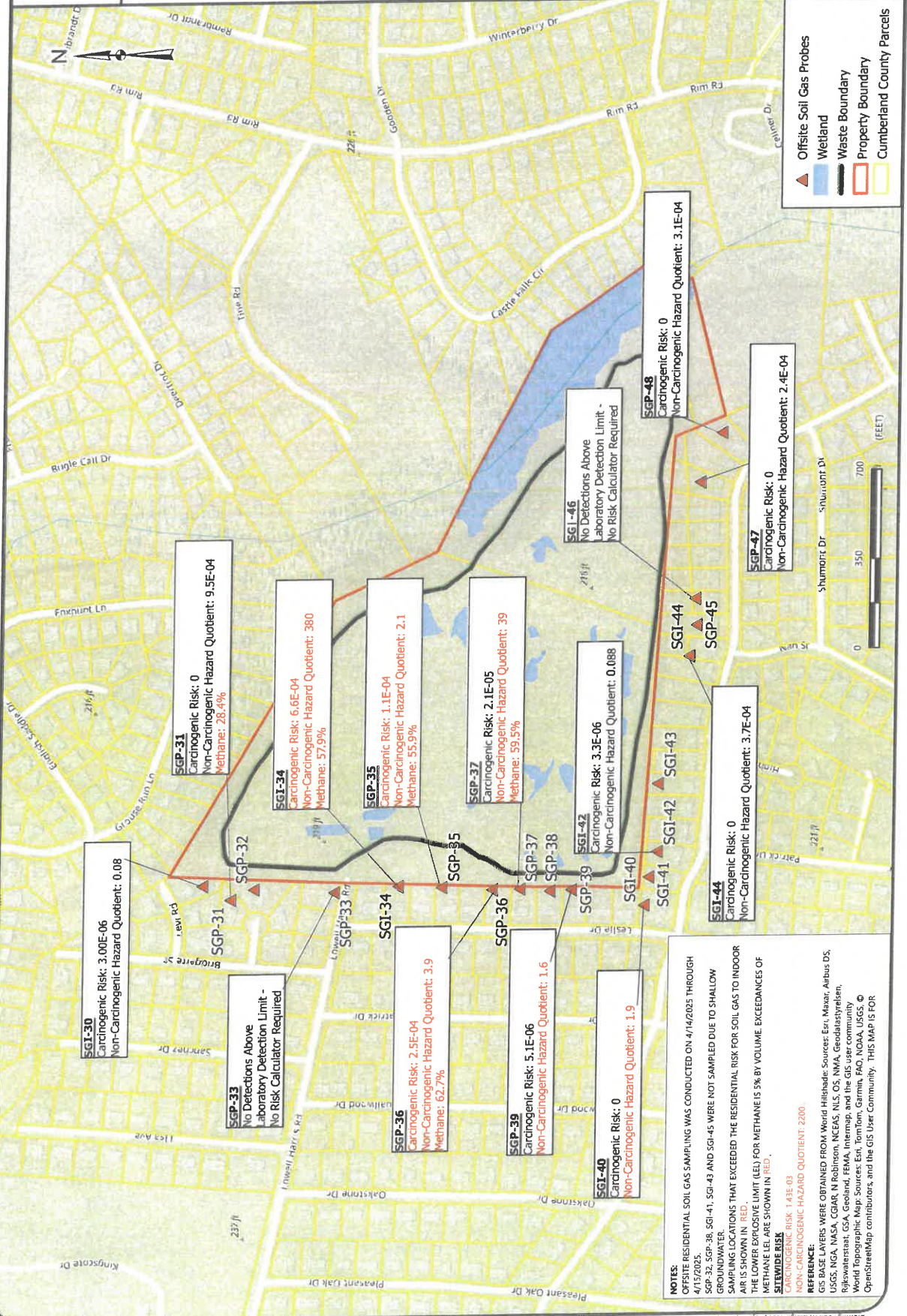
7522 Beverly Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

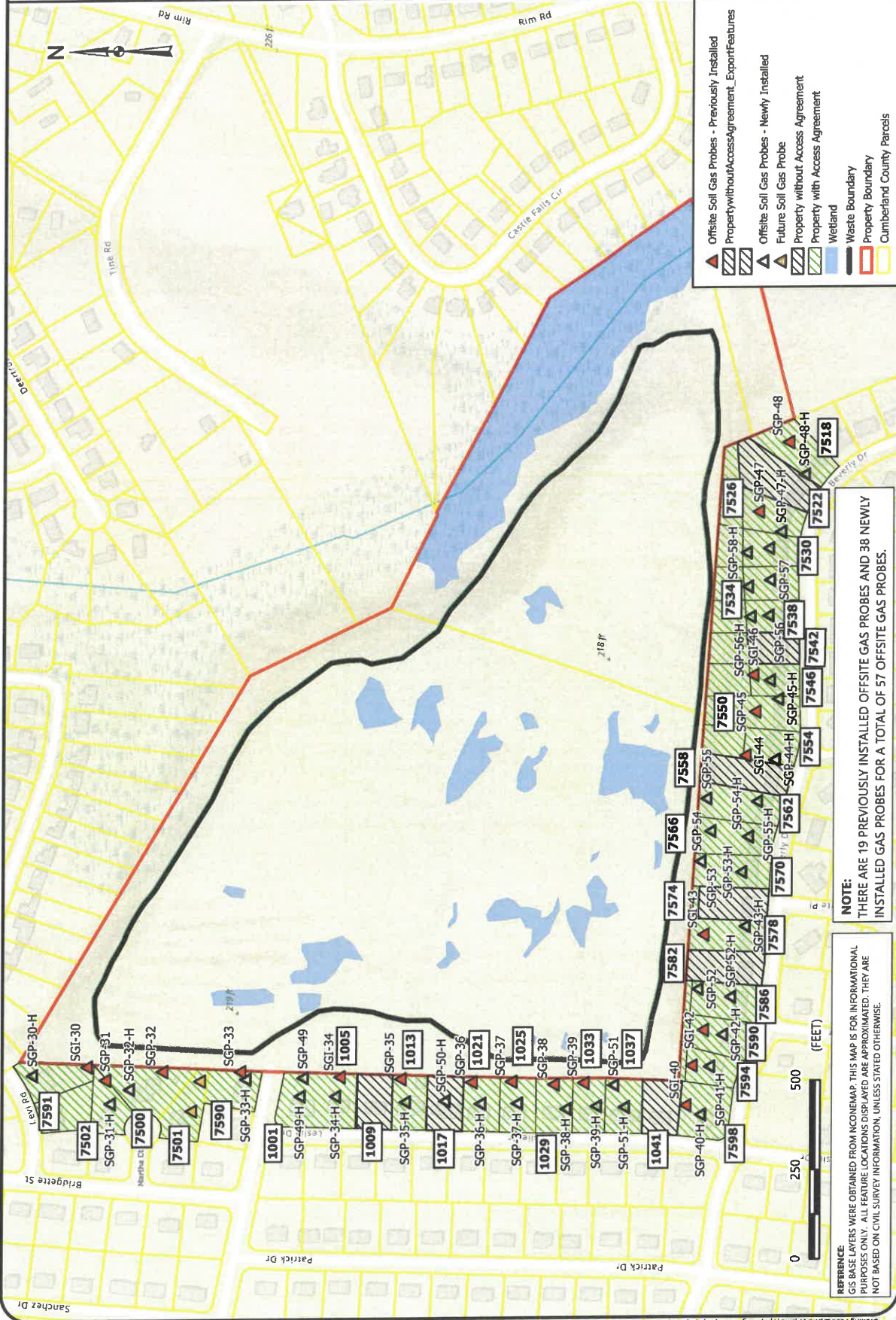
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 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
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 FIGURE NO: 2



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SITEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200.

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hatched: Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CIGAR, IN Robinson, NCEAS, NLS, OS, NMA, Geodestylreslen, Rijkswatersstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map: Sources: Esri, TomTom, Gamma, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access/Agreement_Export/Features
- ▨ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- Blue Wetland
- Red Waste Boundary
- Black Property Boundary
- Yellow Cumberland County Parcels

NOTE:
 THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
 INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM NCEMAP. THIS MAP IS FOR INFORMATIONAL
 PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE
 NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.



DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- **100% Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- **Voice Alerts in English & Spanish** announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- **10-year battery and product service life**
- **Micro-Electromechanical System (MEMS) sensor technology** provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect®
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor

D. REID WILSON
Secretary

MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

INEZ JONES
7518 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7518 BEVERLY DR
Parcel: #9486496590

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7518 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



Location of 7518 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



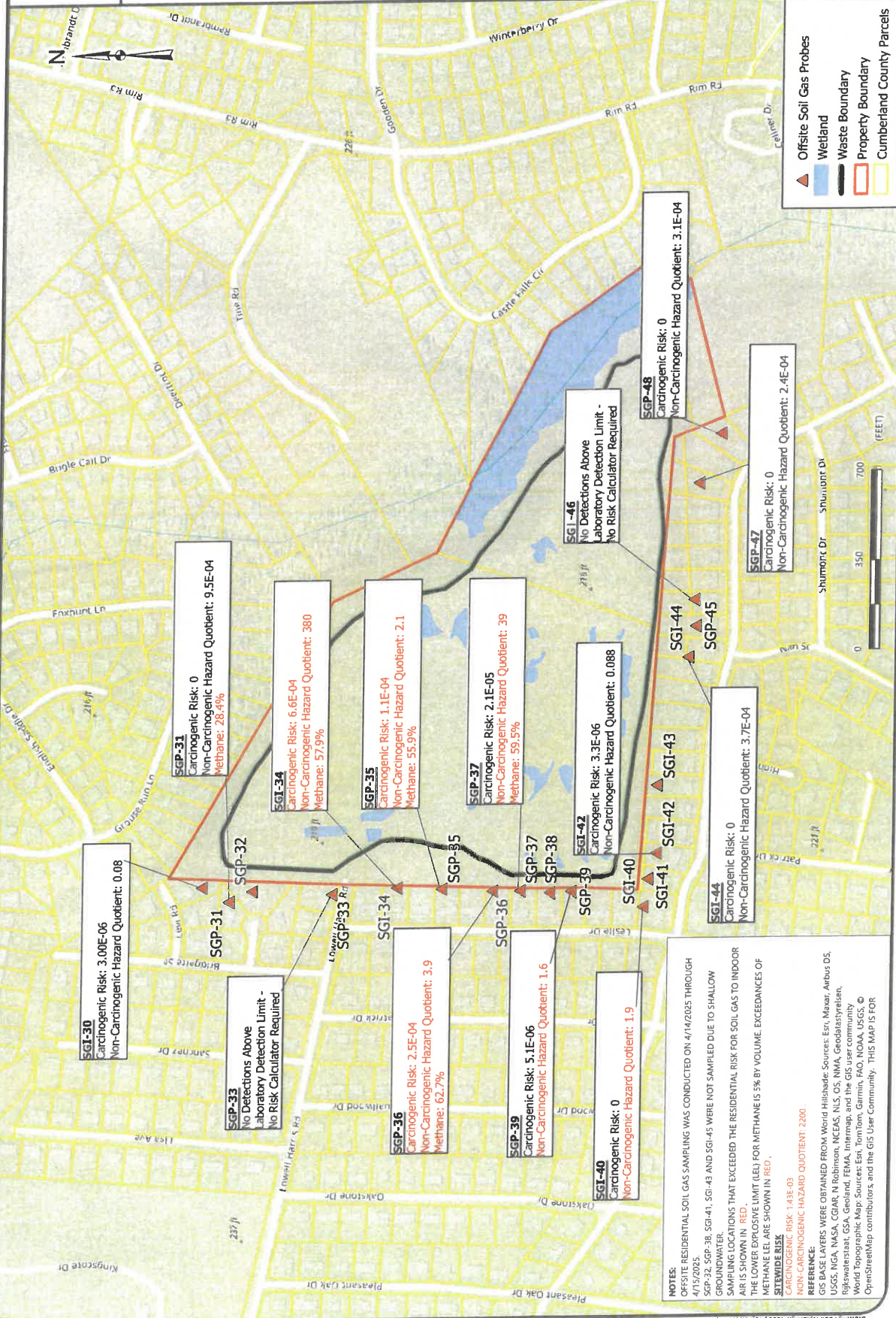
7518 Beverly Drive



RESIDENTIAL SCP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDQ ID NC0980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



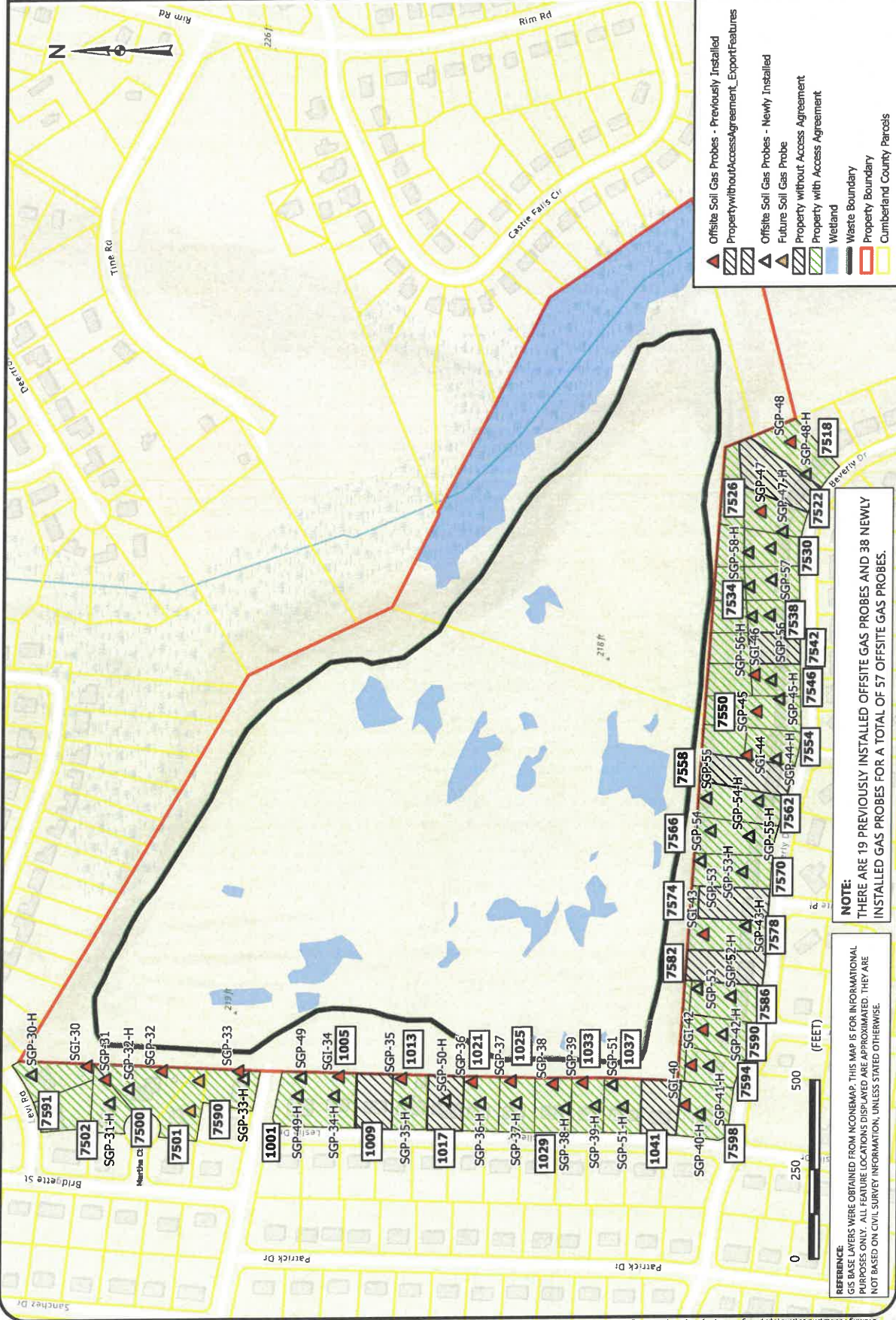
NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
 SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
 THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
SLI/WIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200

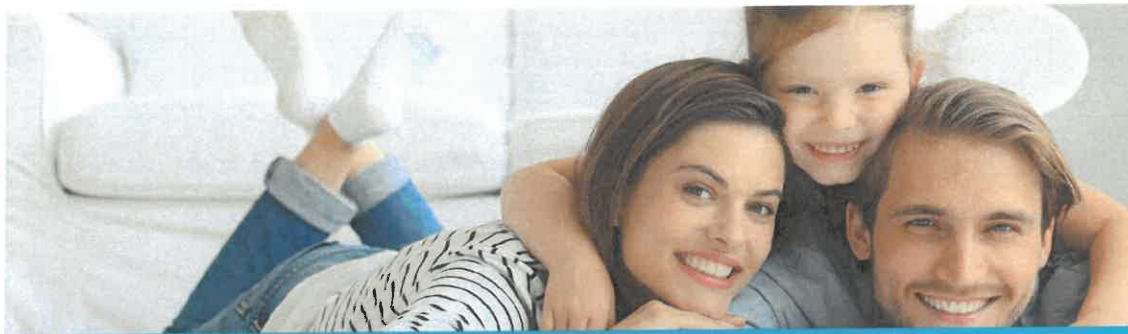
REFERENCE:
 US EPA. 1991. HANDBOOK OF SOIL SAMPLING METHODS. EPA-821-R-91-010. EPA, Washington, DC.
 USGS. 1994. NGA, CGAR, IN, ROBINSON, NCEAS, NLS, OS, NMA, GEODATASYSTEM, RIGSWATER, GSA, GEOLAND, FEMA, INTERMAP, AND THE GIS USER COMMUNITY. World Topographic Map. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDCEG ID NCD980502900 TASK ORDER 2900R-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE
 1 in = 250 feet
 DATE:
 9/18/2025
 PROJECT NUMBER
 23050459
 FIGURE NO.
3





DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

Benefits

- **First and only battery-powered natural gas alarm in the U.S.**
- **Protection for less than 3¢ a day.** No cost to operate
- **Saves you money over time.** Eliminates replacement battery and electricity costs
- **No extension cord** or outlet needed

Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- **100% Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- **Voice Alerts in English & Spanish announce warnings of natural gas leak:** "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
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- **10-year battery and product service life**
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- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

CURRENT RESIDENT
7590 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7590 BEVERLY DRIVE
Parcel: #9486390750

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7590 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

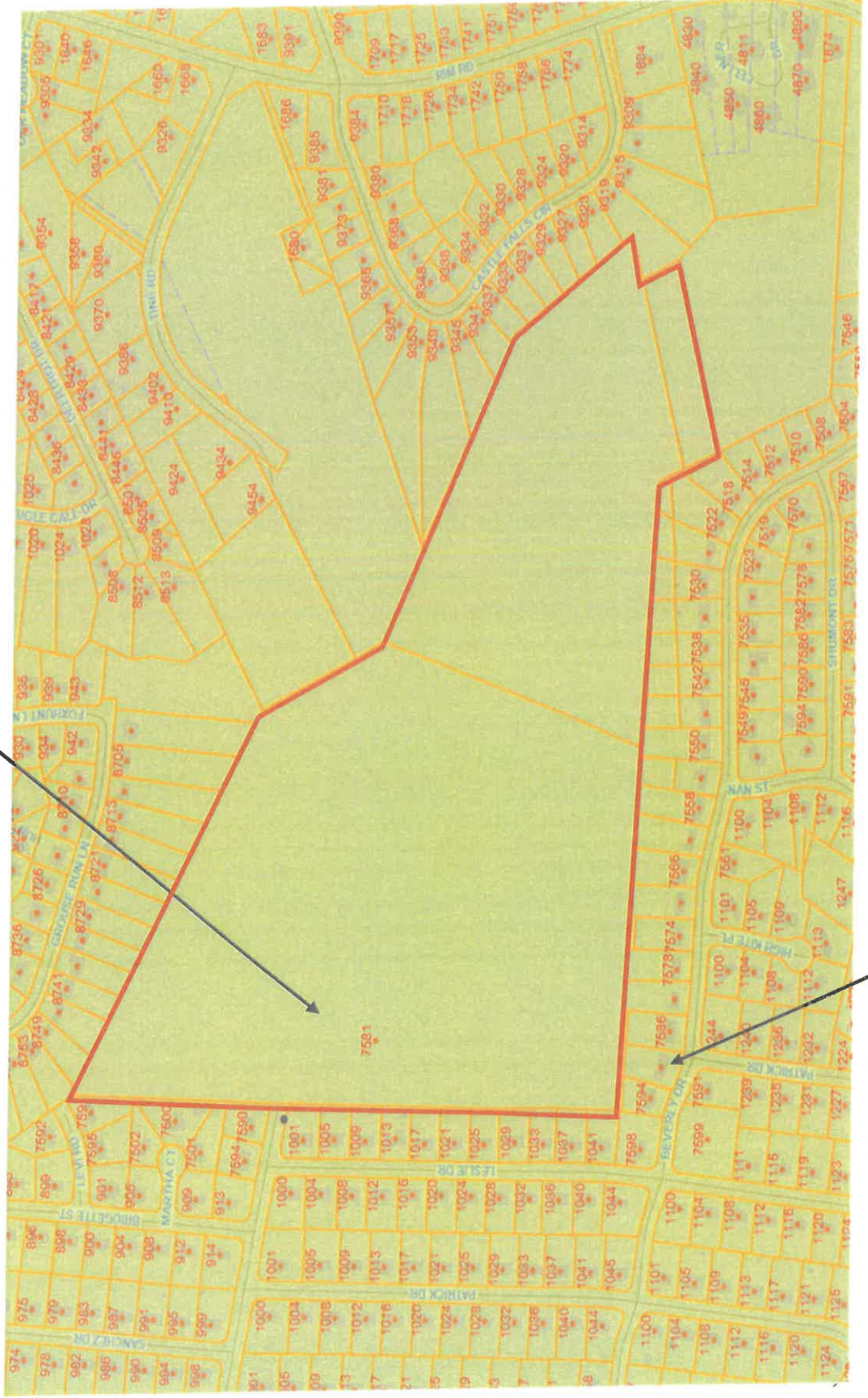
Map showing current additional assessment activities (Figure 3)



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

Location of 7590 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



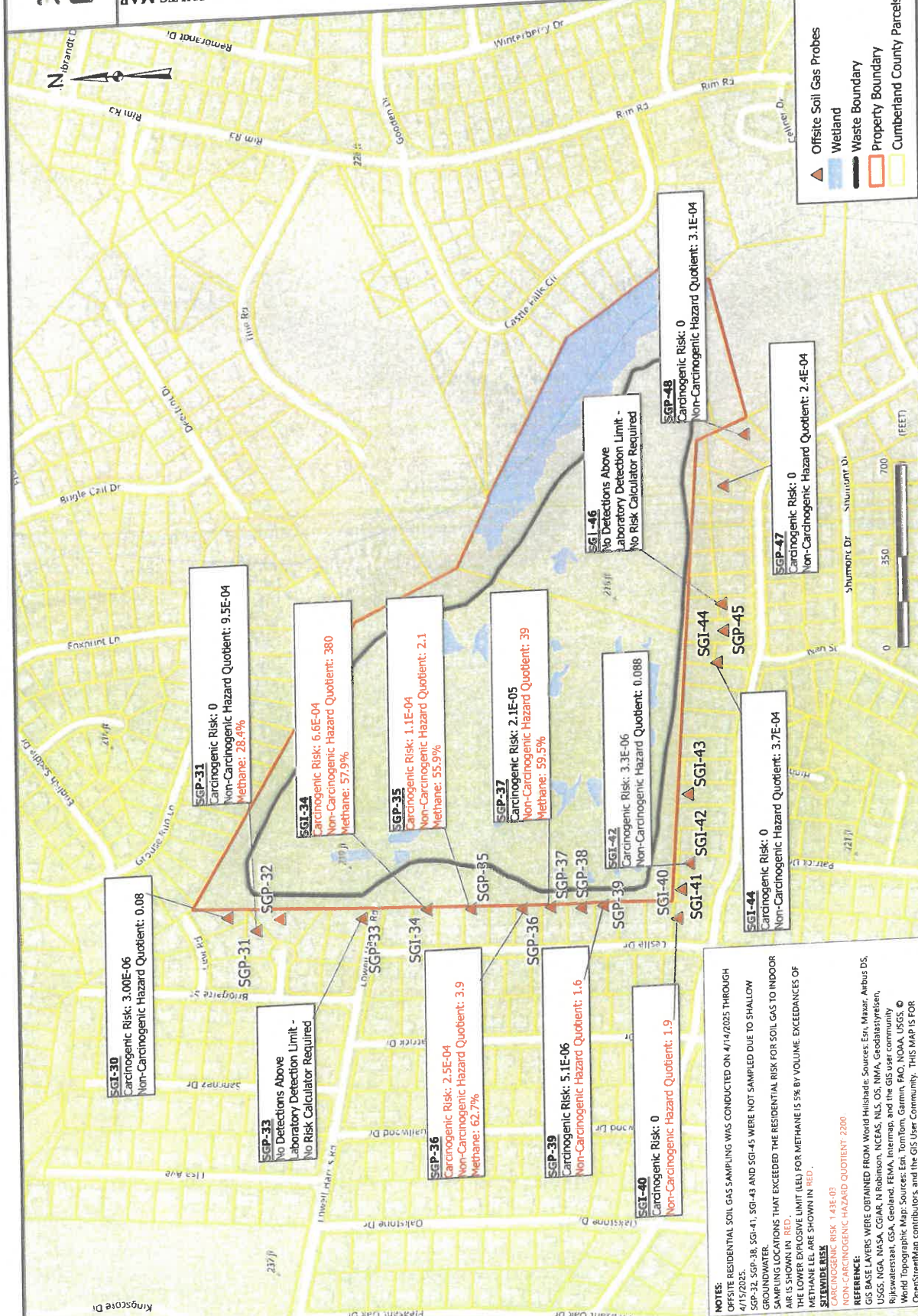
7590 Beverly Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NCD980502900 TASK ORDER 2900RI-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

SCALE: 1 in. = 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



NOTES:
 OPERATE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGI-41, SGI-43 AND SGI-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
 AIR IS SHOWN IN RED.
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SITELWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200

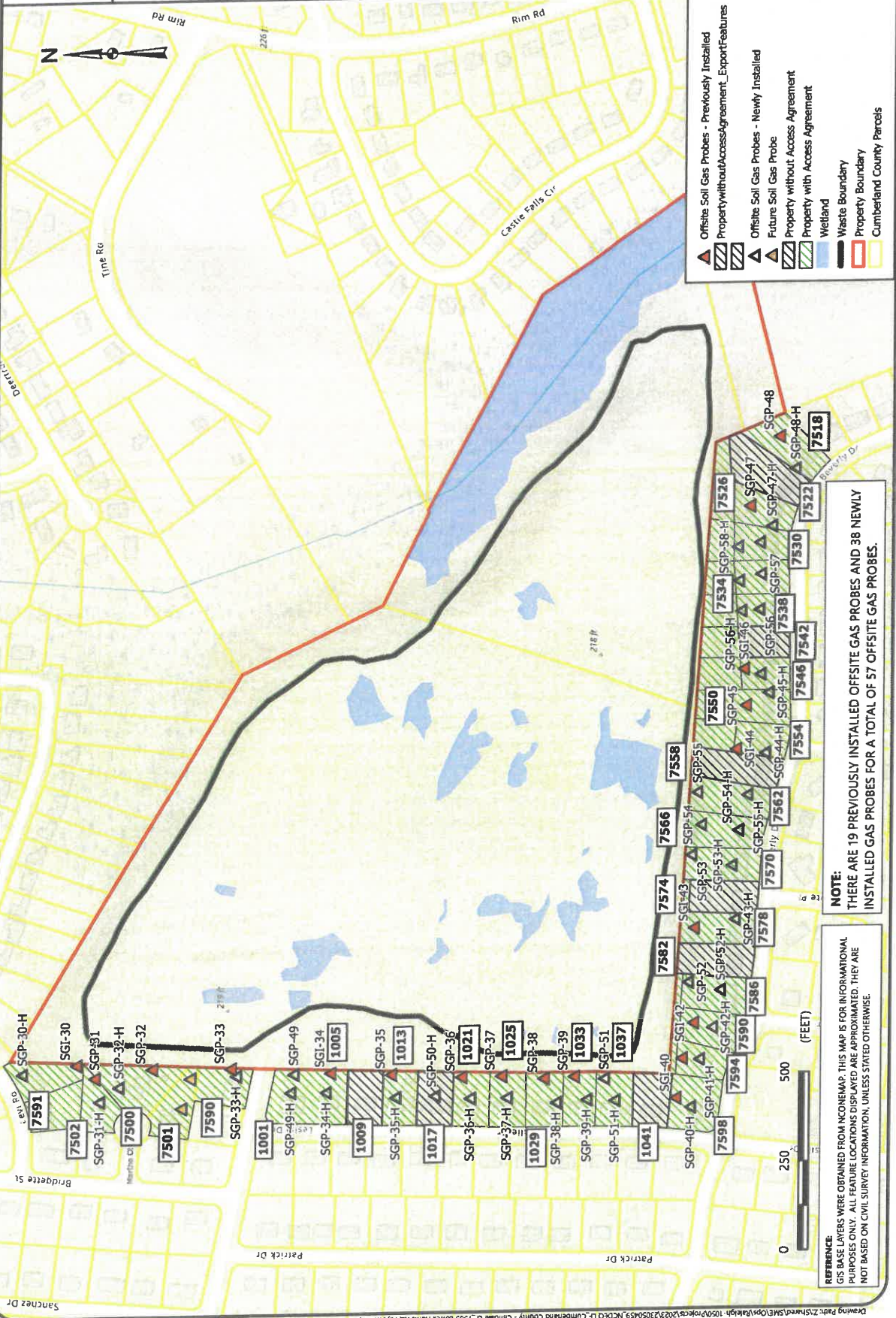
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM: World Hydrologic Envelope, Esri; Mazur, Abbas, D.S., USGS, NGA, NASA, CGAR, N. Robinson, NCDAS, NLS, OS, NMA, Geobase, Geoprisen, Rijswaterstaat, GSA, Geoland, FEMA, Intermap, Inc., and the GIS user community.
 World Topographic Map: sources: Esri, DeLorme, Garmin, FAO, NOAA, USGS ©
 OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDQG ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER:
23050459
FIGURE NO.
3



Legend:

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement - Export Features
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Permits

NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM MCONEMAR. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.





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Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

LISA Y & JOHNNY J DANIELS
127 BANKROFT CT
RAEFORD, NC 28376

RE: Methane Detector
7574 BEVERLY DR
Parcel: #9486394637

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7574 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

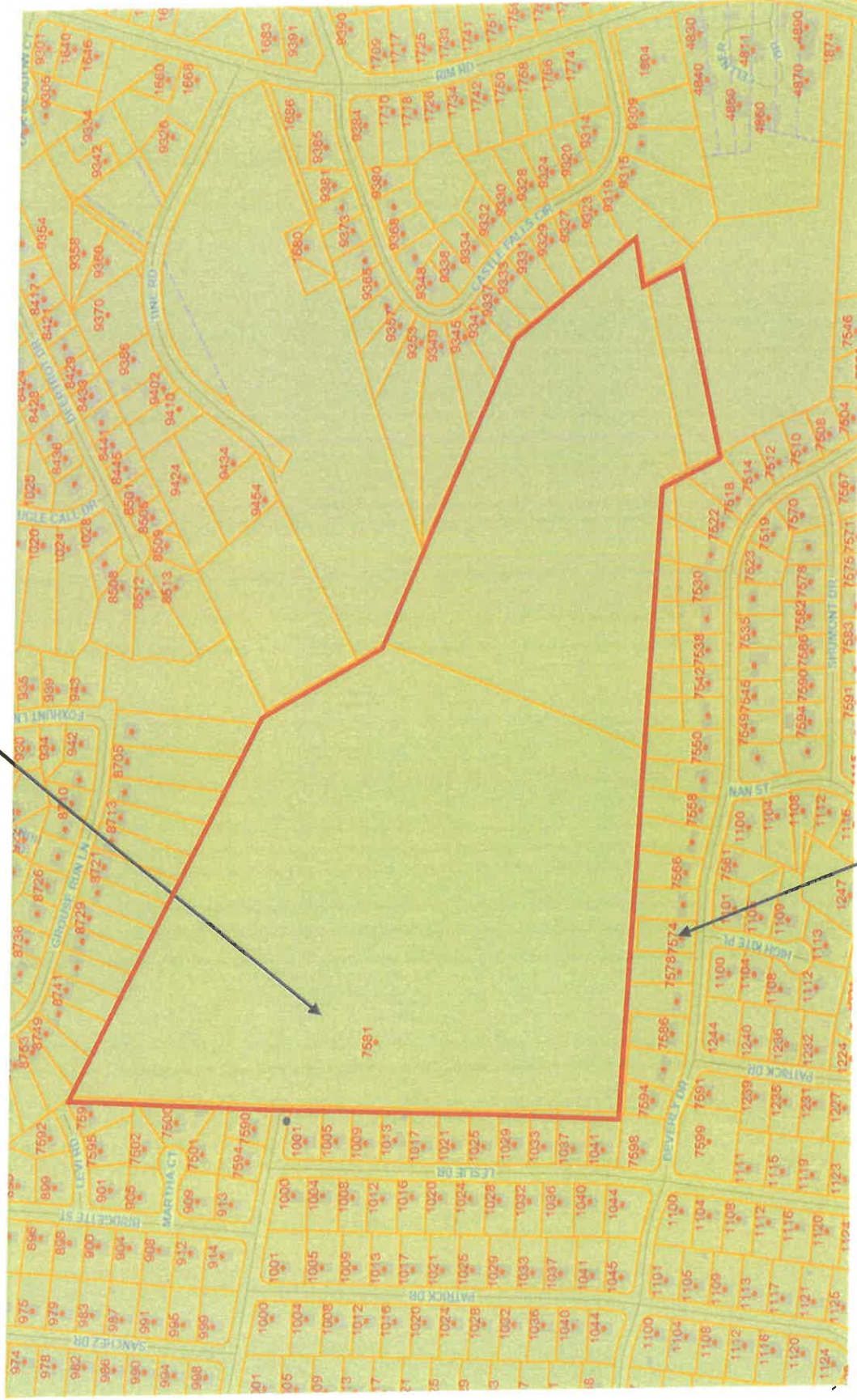
Map showing current additional assessment activities (Figure 3)



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

Location of 7574 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



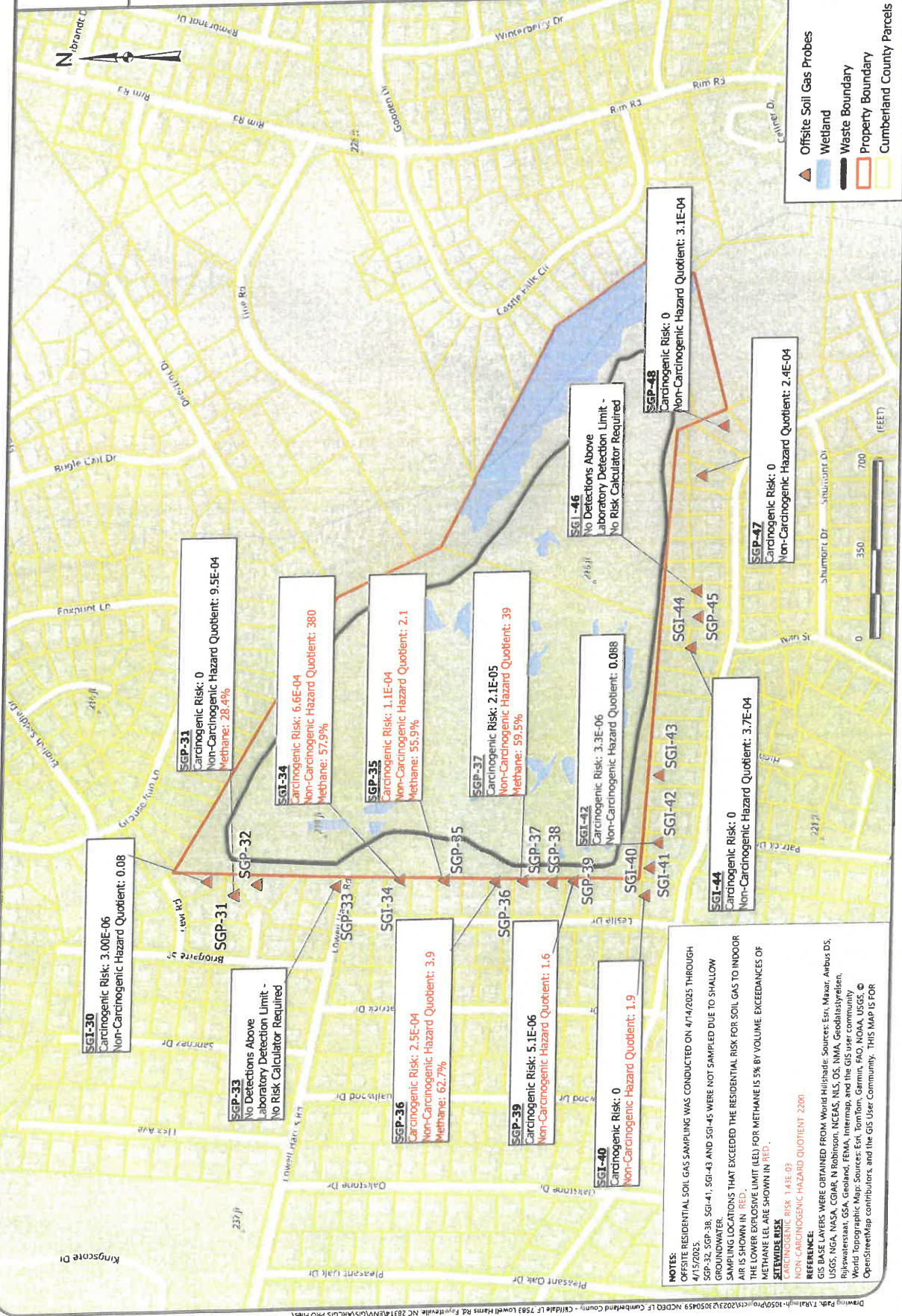
7574 Beverly Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

SCALE: 1 in. = 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDPQ ID NCD980502900 TASK ORDER 2900R-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA



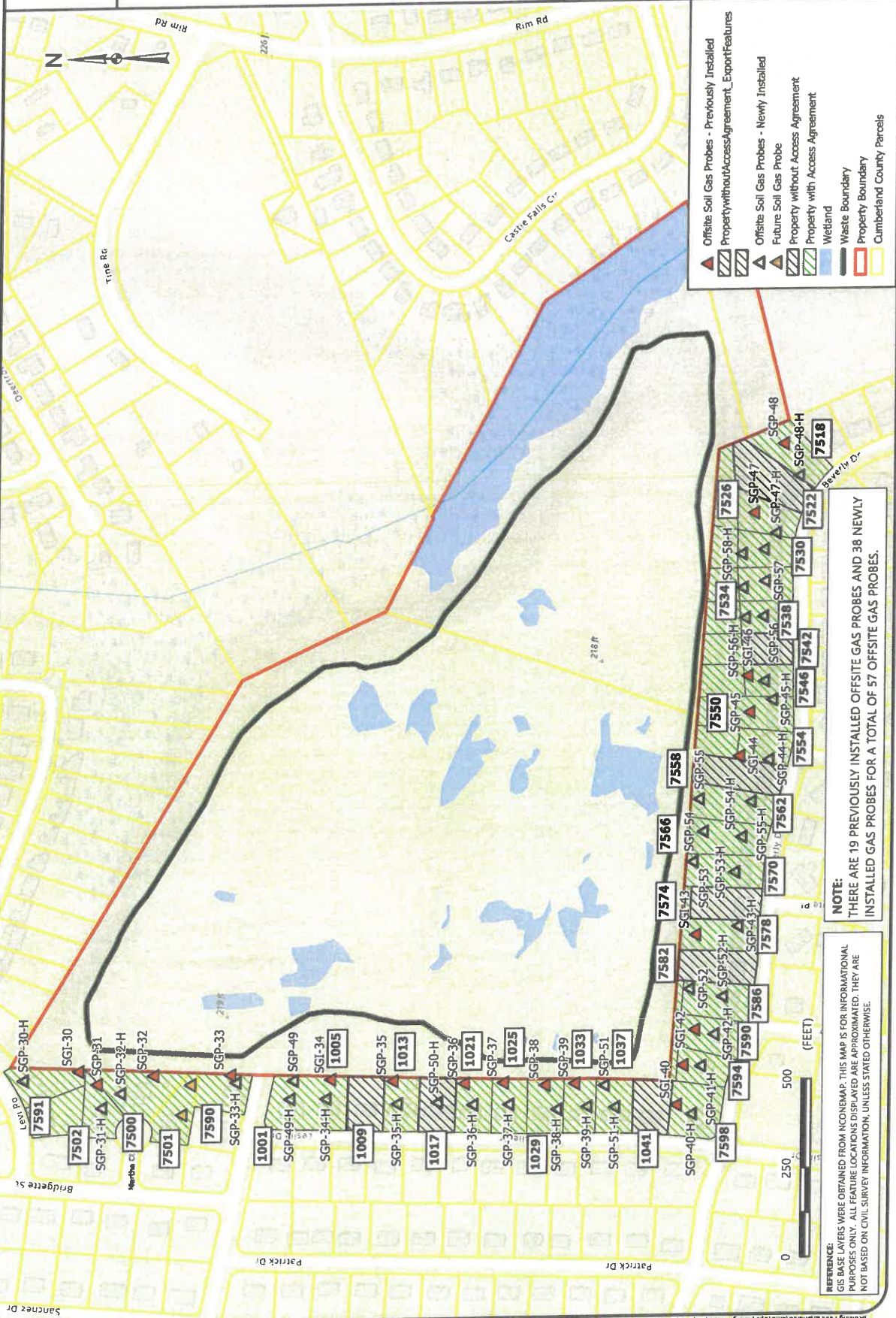
NOTES:
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 SOIL GAS PROBES SGI-30, SGI-31, SGI-34, SGI-41, SGI-43 AND SGI-45 WERE NOT SAMPLED DUE TO SHALLOW SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
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STEMWIDE RISK
 CARCINOGENIC RISK 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World WideWeb: Sources: Esri, Mapbox, Airbus DS, USGS, NGA, NASA, CGIAR, INROBISON, NCEAS, NLS, OS, NMA, GoodData by location, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community.
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

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NCDEQ ID NCD980520900 TASK ORDER 2900R-15
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SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
23050459
FIGURE NO.
3



NOTE:
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INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM IONENMAP. THIS MAP IS FOR INFORMATIONAL
PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE
NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- ▨ Wetland
- ▭ Waste Boundary
- ▭ Property Boundary
- ▭ Cumberland County Parcels





DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- **100% Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- **Voice Alerts in English & Spanish** announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- **10-year battery and product service life**
- **Micro-Electromechanical System (MEMS) sensor technology** provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**



Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor

D. REID WILSON
Secretary

MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

CURRENT RESIDENT
7574 BEVERLY DRIVE
FAYETTEVILLE, NC 28314

RE: Methane Detector
7574 BEVERLY DR
Parcel: #9486394637

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7574 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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

Location of 7574 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF

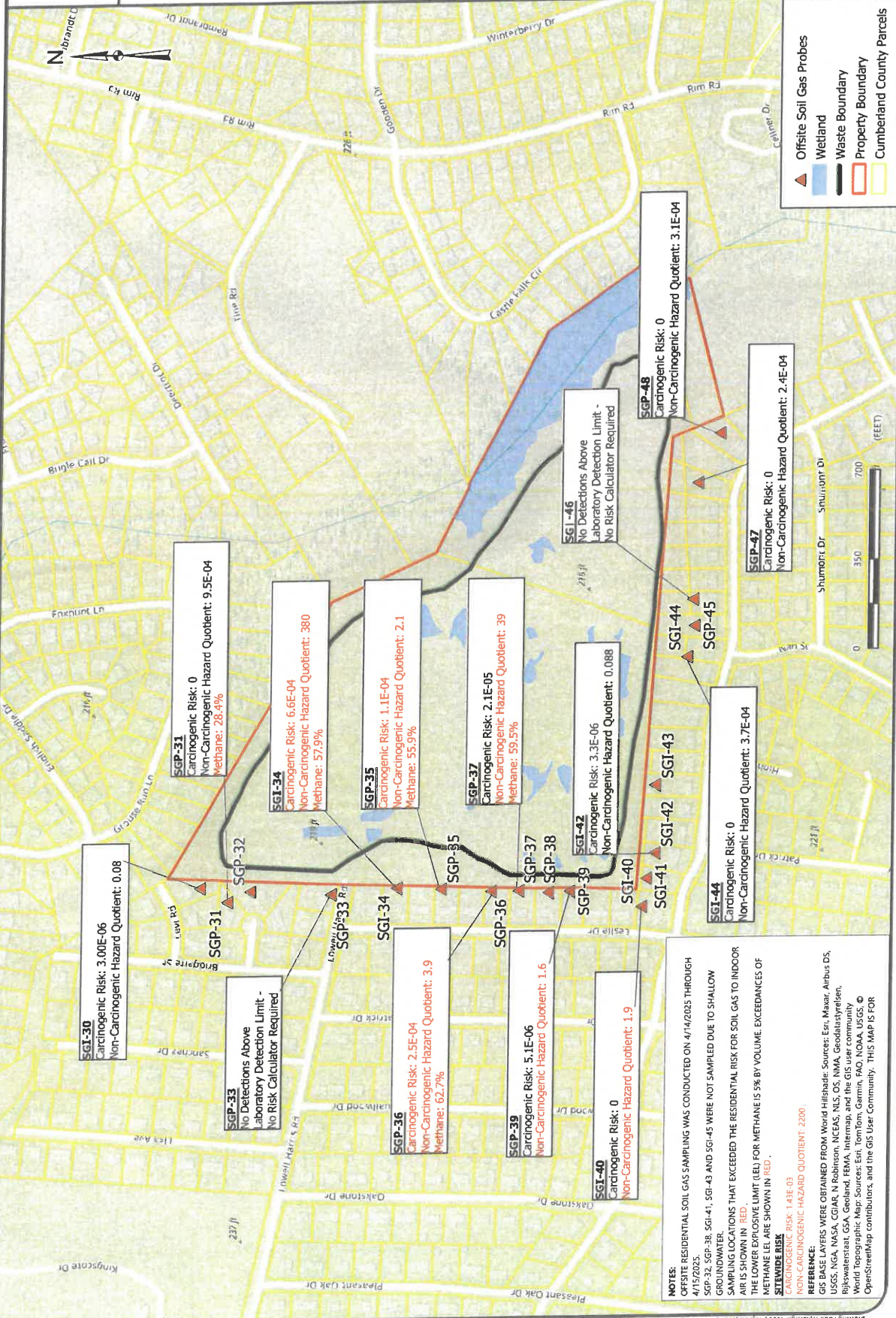


7574 Beverly Drive



RESIDENTIAL SCP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDCEQ ID NC9980502900 TASK ORDER 2900R-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2

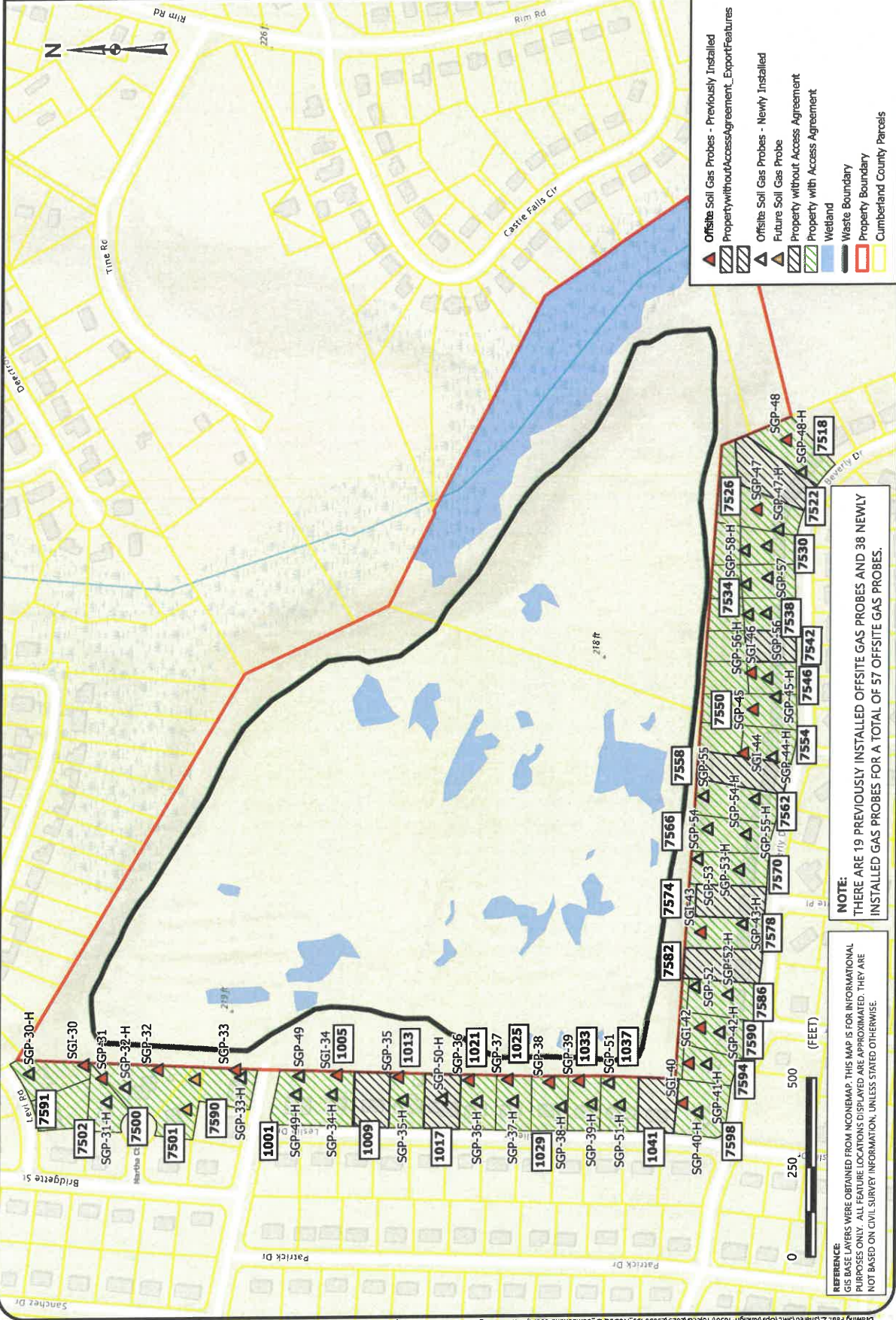




OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEC ID NC0980502900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

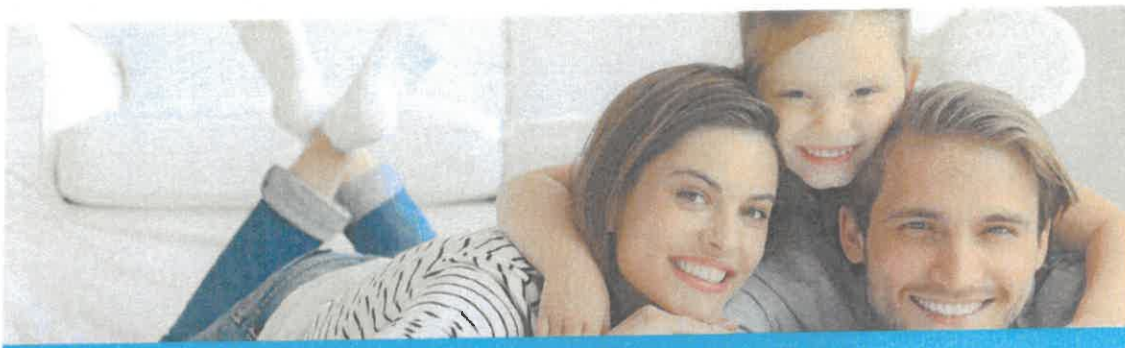
SCALE:	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER:	23050459
FIGURE NO.:	3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement_Export Features
- ▨ Offsite Soil Gas Probes - Newly Installed
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- ▨ Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- ▭ Cumberland County Parcels

NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
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DD620NV

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- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
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- No extension cord or outlet needed

Features

- 11 minutes more escape time. Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- Voice Alerts in English & Spanish announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
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- Virtually eliminates false alarms caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

JOSEPH SHAW LIFE ESTATE
198 CASTLEROCK DR
SANFORD, NC 27332

RE: Methane Detector
7542 BEVERLY DR
Parcel: #9486491546

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7542 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

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The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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

Location of 7542 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7542 Beverly Drive

FIGURE NO.
1



RESIDENTIAL SCP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

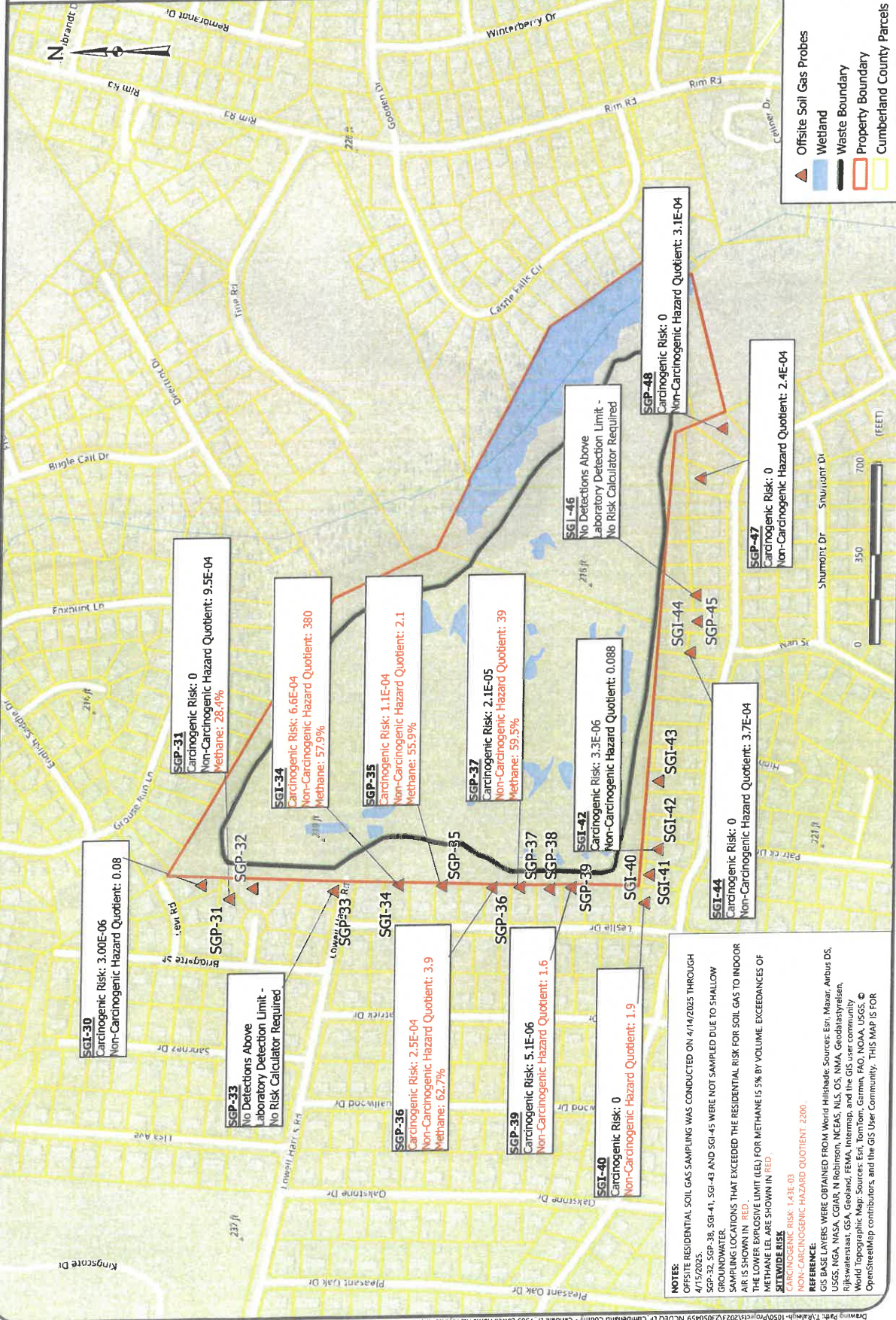
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDCE ID NCD980502900 TASK ORDER 2900RI-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in. = 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO
2

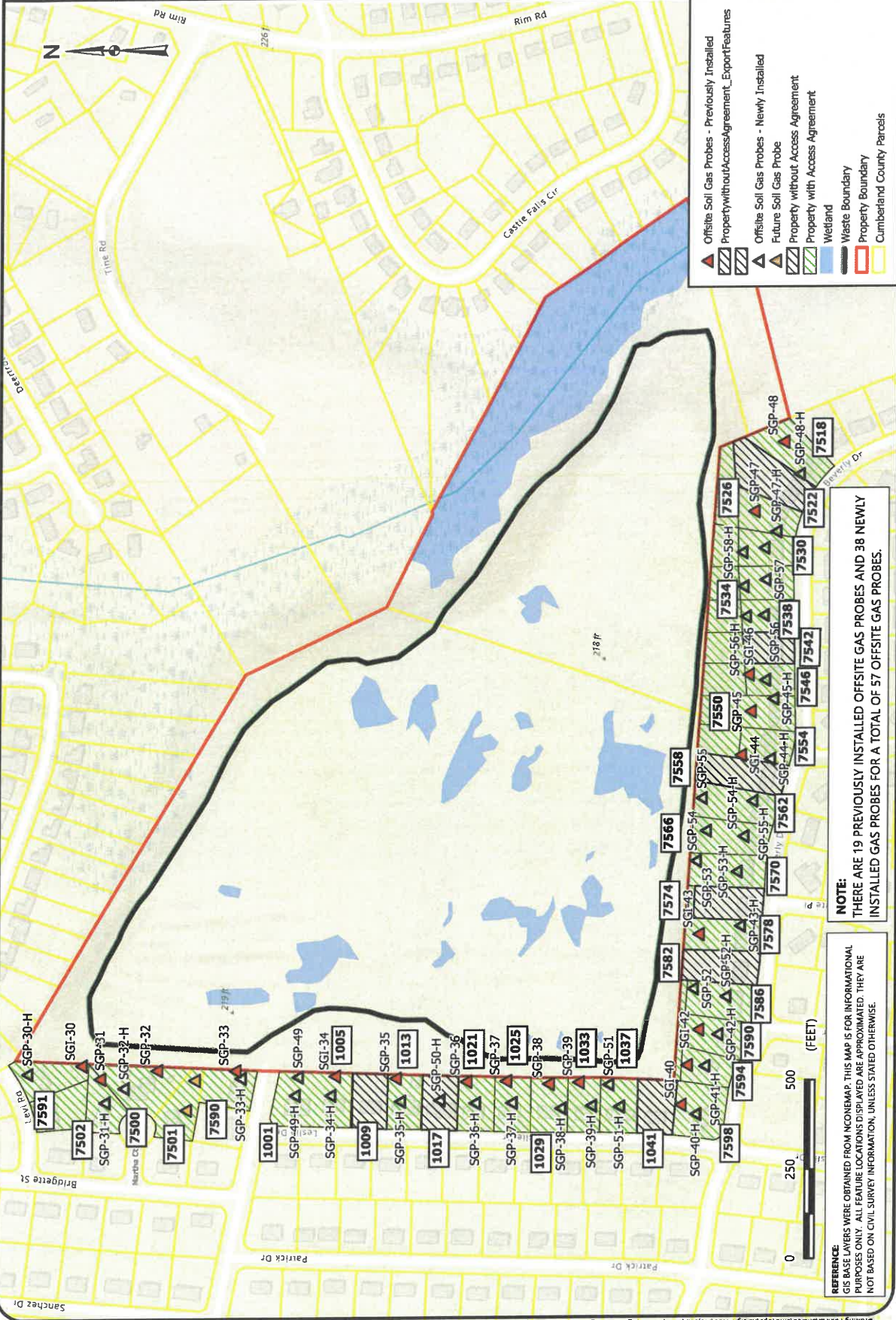




ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFPALE LANDFILL
NCEQ ID NCD98052900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
23050459
FIGURE NO.
3



REFERENCE:
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DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

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- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
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- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- Voice Alerts in English & Spanish announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- Self-diagnostics provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
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- Virtually eliminates false alarms caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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Smarter Gas Leak Safety

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Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

JERRY L & GWENDOLYN T MCCOY
362 HOGART ST
RAEFORD, NC 28376

RE: Methane Detector
1021 LESLIE DR
Parcel: #9487208377

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1021 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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

Location of 1021 Leslie Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



1021 Leslie Drive



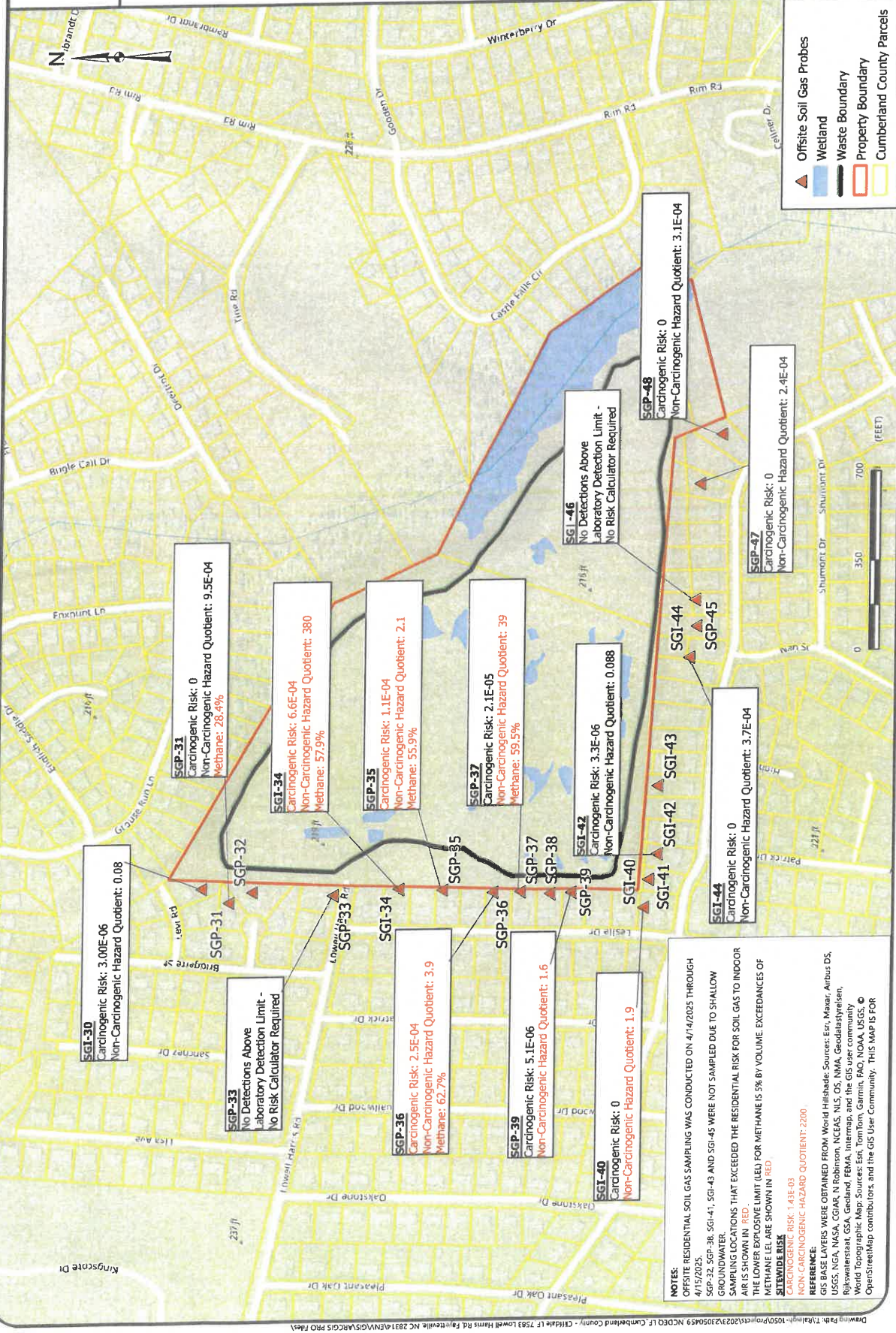
RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFDALE LANDFILL
NCDEC ID NC980502900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
DATE: 6/11/2025
PROJECT NUMBER: 23050459
FIGURE NO: 2

Offsite Soil Gas Probes

- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGI-41, SGI-43 AND SGI-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
 SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
 THE LOWER EXPOSURE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
SITEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200.

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hribade: Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatasjyfehen, Rijswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR

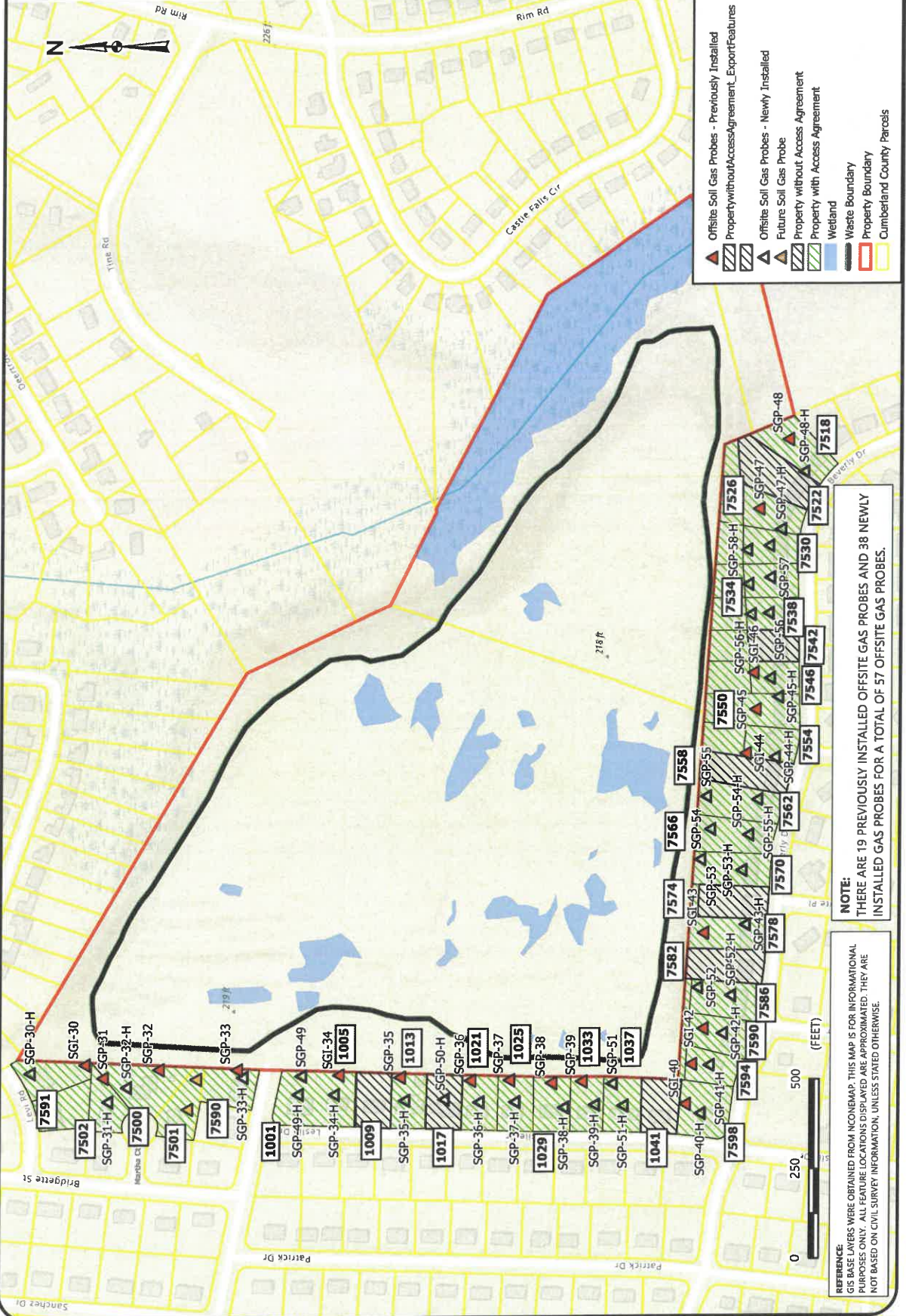


OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDCEQ ID NC09080502900 TASK ORDER 2900R-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
23050459
FIGURE NO.
3

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Contact us to learn more at
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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

CURRENT RESIDENT
1021 LESLIE DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
1021 LESLIE DR
Parcel: #9487208377

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1021 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

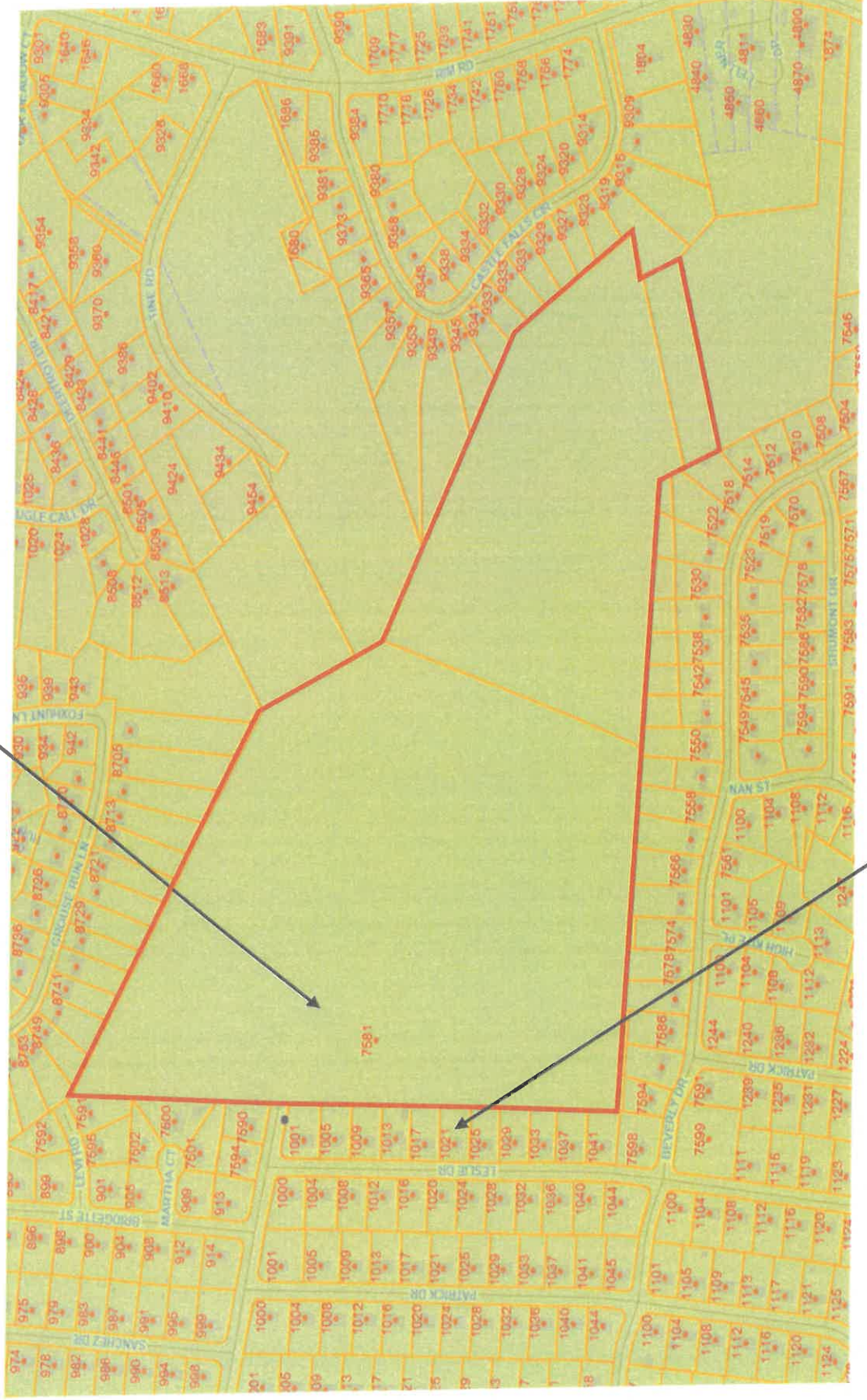
Map showing current additional assessment activities (Figure 3)



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Location of 1021 Leslie Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



1021 Leslie Drive

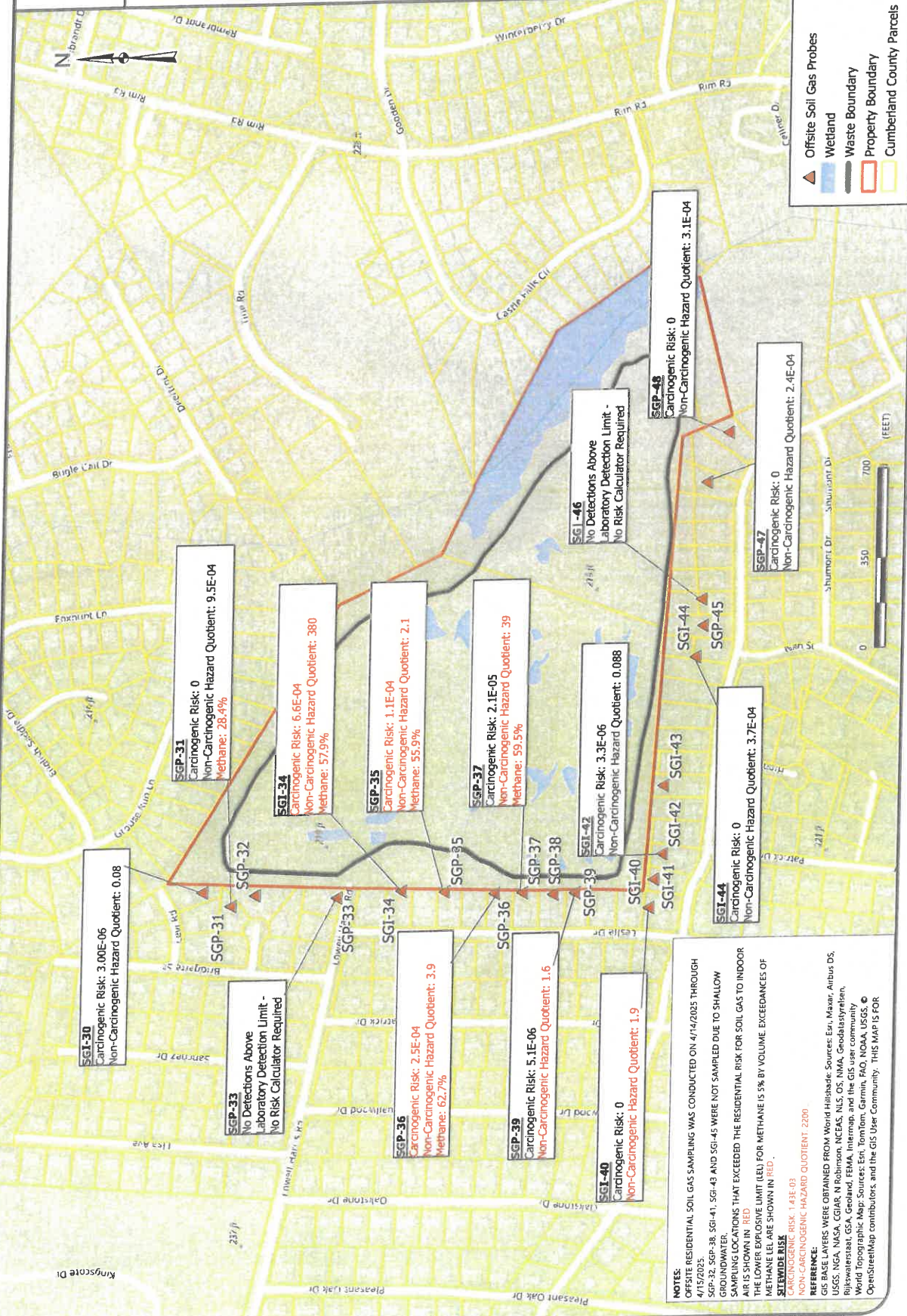
FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDQG ID NCD980502900 TASK ORDER 2900R-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in.: 350 feet
DATE: 6/11/2025
PROJECT NUMBER: 23050459
FIGURE NO: 2



- Offsite Soil Gas Probes
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

NOTES:
OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR USING THE LOWER END OF THE PERMIT LEVEL FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF THE LOWER END OF THE PERMIT LEVEL ARE SHOWN IN RED.
STEMWIDE RISK
CARCINOGENIC RISK: 1.43E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World Hillshade, Sources: Esri, Maxar, Airbus DS, USGS, NASA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Grodzkistruben, Rijswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEQ ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

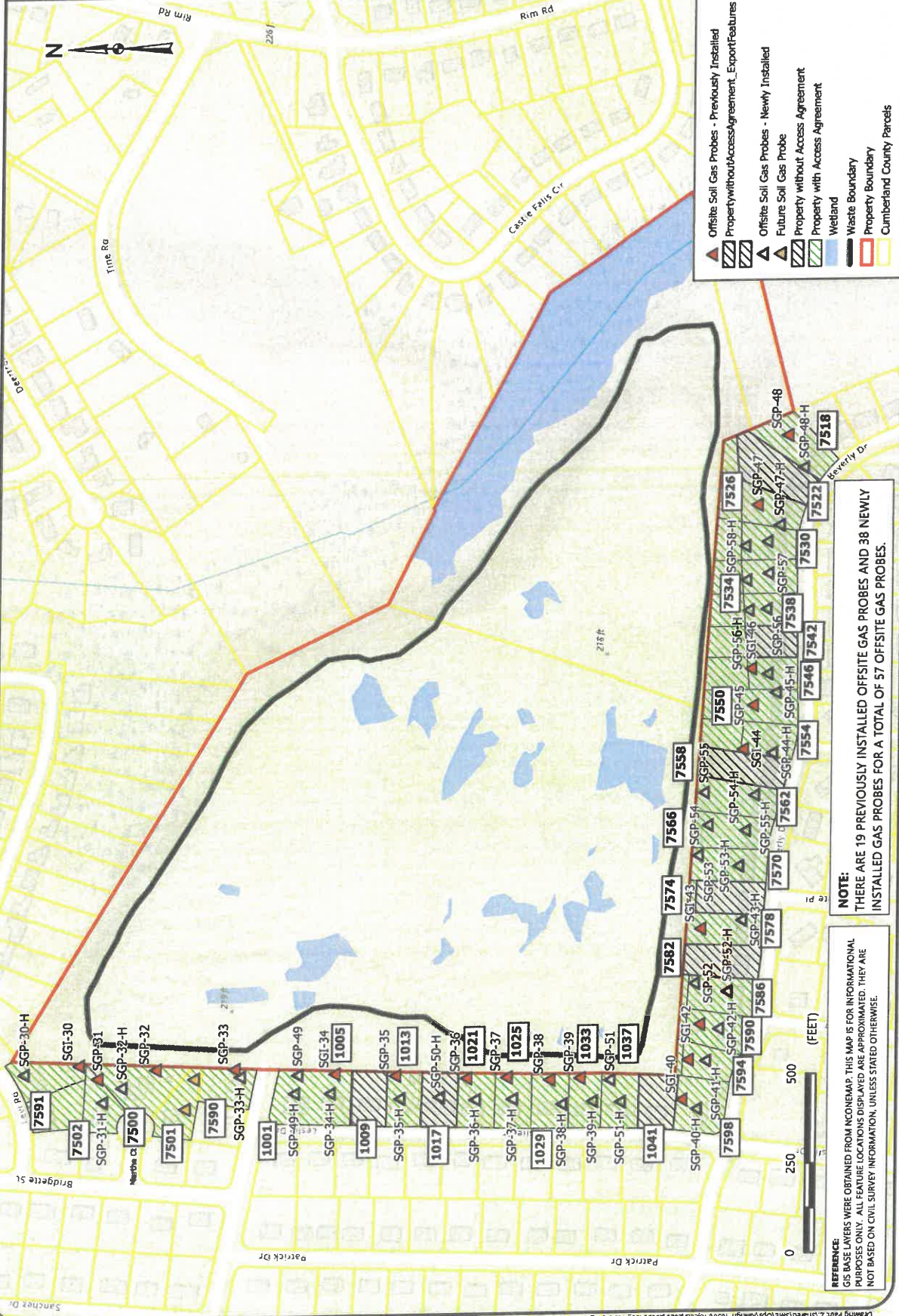
SCALE
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DATE:
9/18/2025

PROJECT NUMBER
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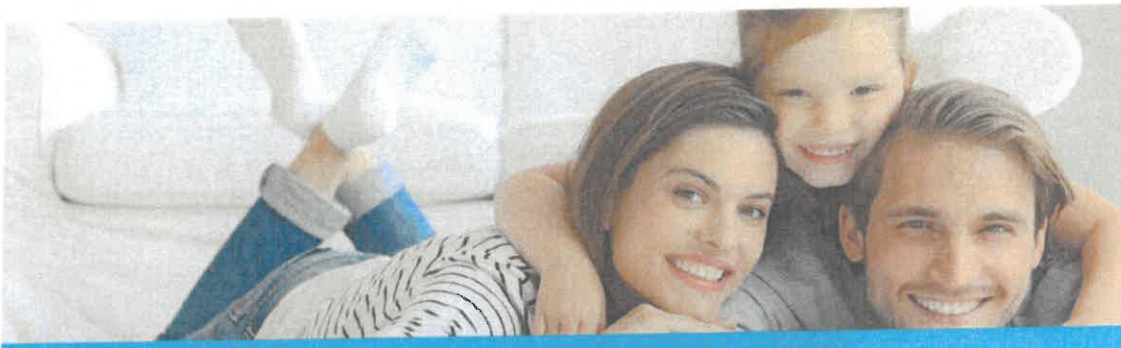
FIGURE NO.
3

- Offsite Soil Gas Probes - Previously Installed
- Property without Access/Agreement_ExportFeatures
- Offsite Soil Gas Probes - Newly Installed
- Future Soil Gas Probe
- Property without Access Agreement
- Property with Access Agreement
- Wetland
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- Property Boundary
- Cumberland County Parcels



NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM ICONEMAP. THIS MAP IS FOR INFORMATIONAL
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DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- 11 minutes more escape time. Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
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- Virtually eliminates false alarms caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect®
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

THOMAS L GRISSETT
PO BOX 2571
FAYETTEVILLE, NC 28302

RE: Methane Detector
1009 LESLIE DR
Parcel: #9487208687

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

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Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

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Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

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Map showing laboratory methane results (Figure 2)

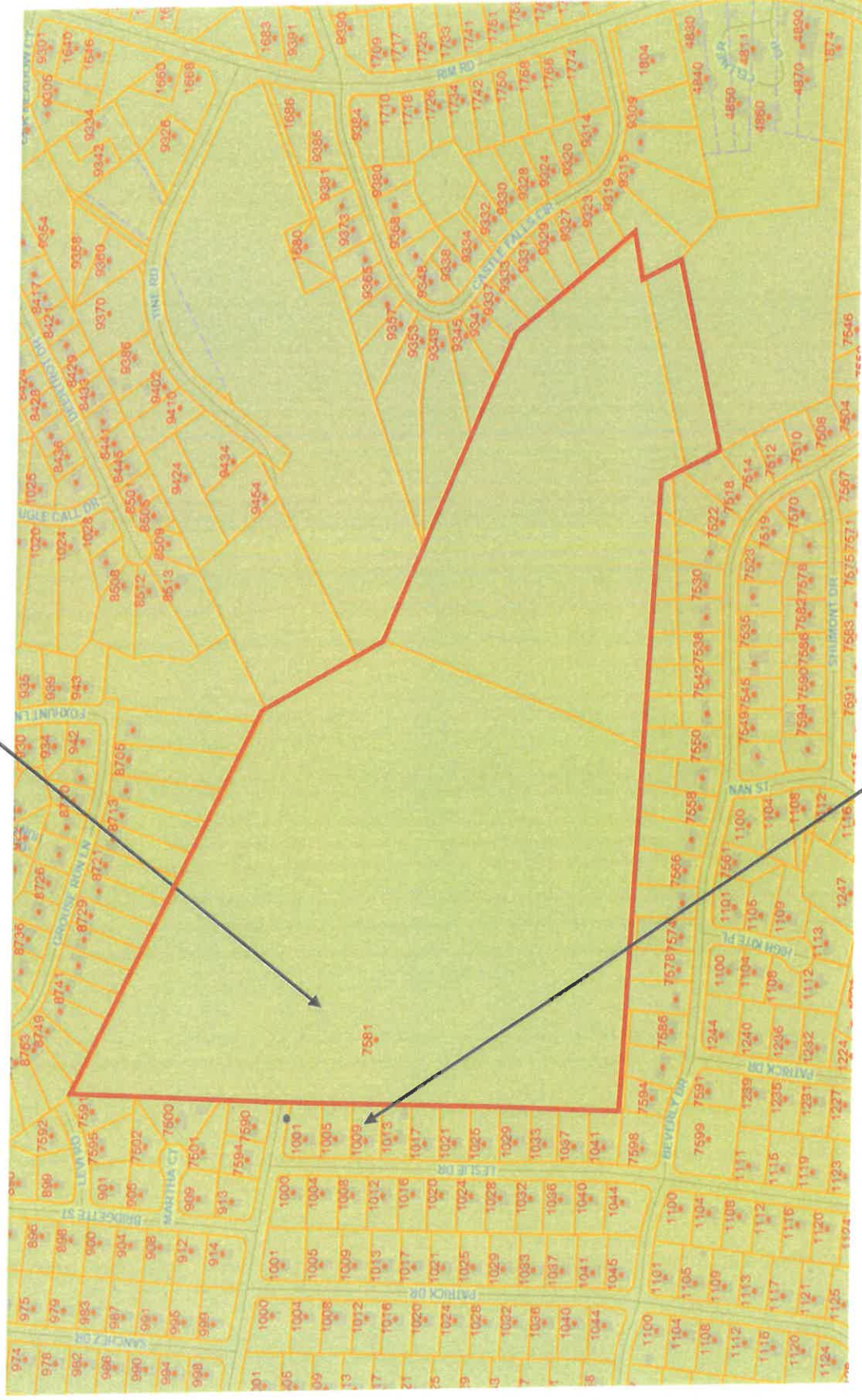
Map showing current additional assessment activities (Figure 3)



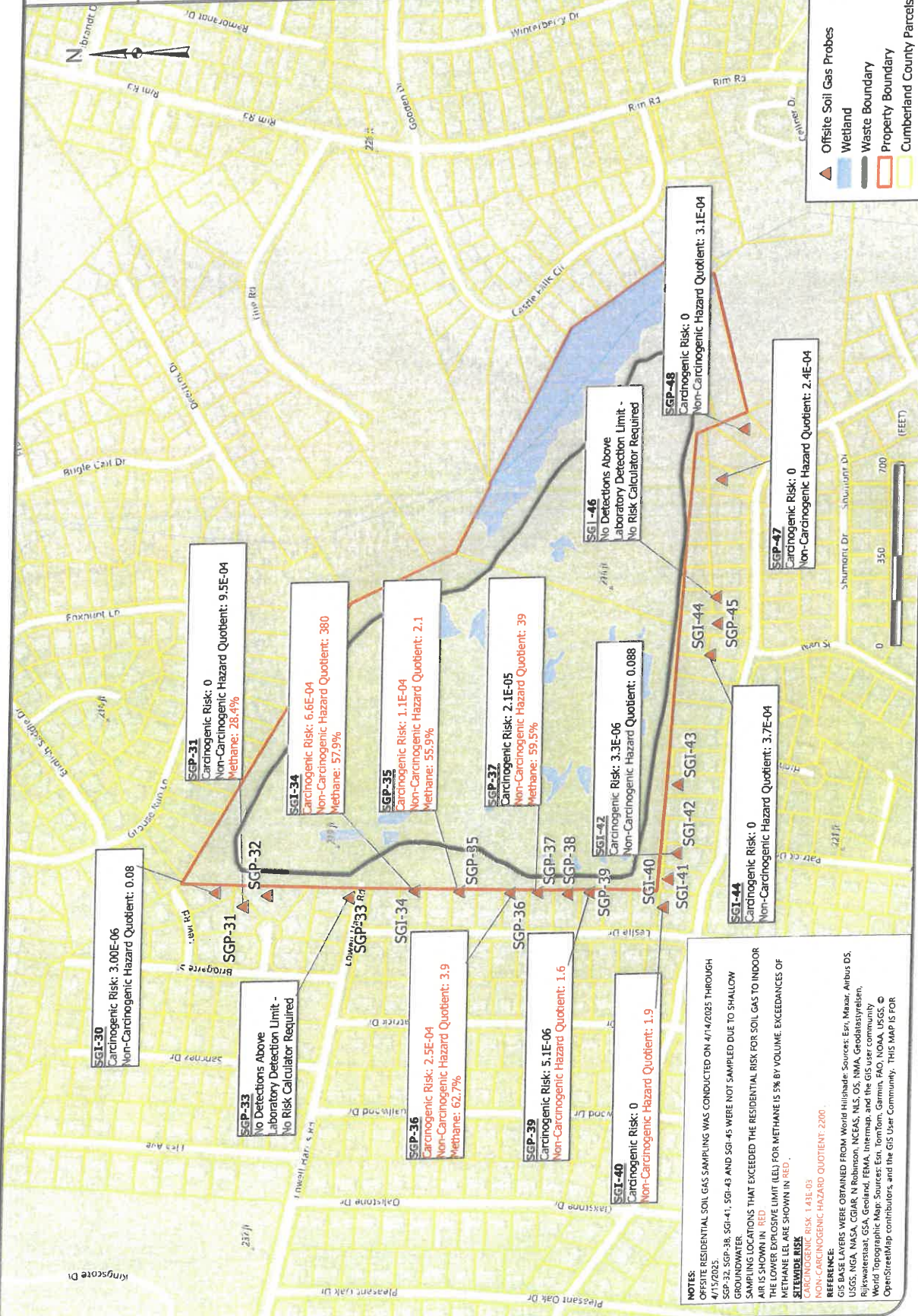
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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
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Location of 1009 Leslie Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



1009 Leslie Drive



- Offsite Soil Gas Probes
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

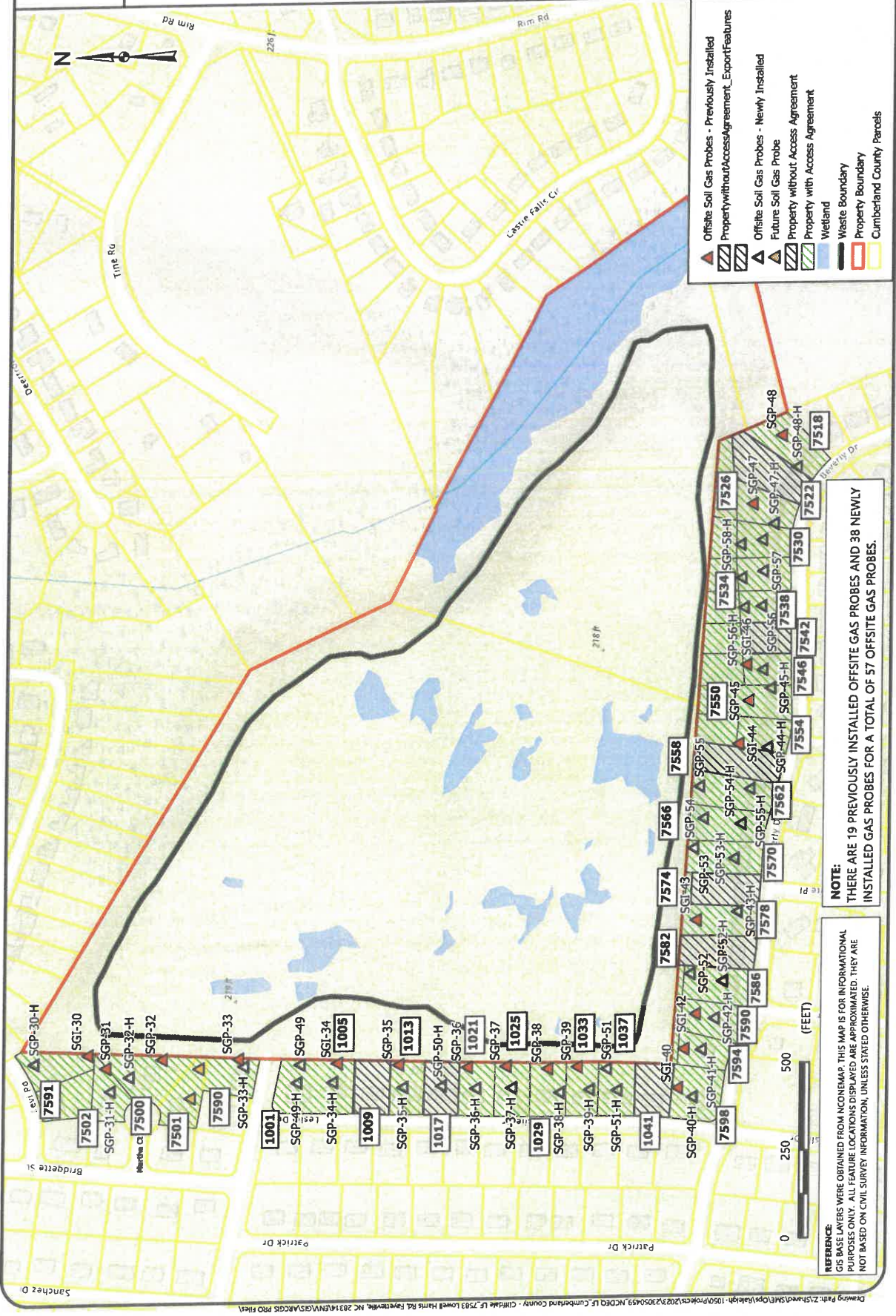
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SITEWIDE RISK
 CARCINOGENIC RISK: 1.41E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2.200
REFERENCE:
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ADDITIONAL ASSESSMENT ACTIVITIES
 OFFSITE SOIL GAS PROBES

SCALE:	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER:	23050459
FIGURE NO.:	3

	Offsite Soil Gas Probes - Previously Installed
	Property without Access Agreement - Export Features
	Offsite Soil Gas Probes - Newly Installed
	Future Soil Gas Probe
	Property without Access Agreement
	Wetland
	Waste Boundary
	Property Boundary
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DD620NV

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Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
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Alarm level	10% LEL*
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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

CURRENT RESIDENT
1009 LESLIE DRIVE
FAYETTEVILLE, NC 28314

RE: Methane Detector
1009 LESLIE DR
Parcel: #9487208687

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

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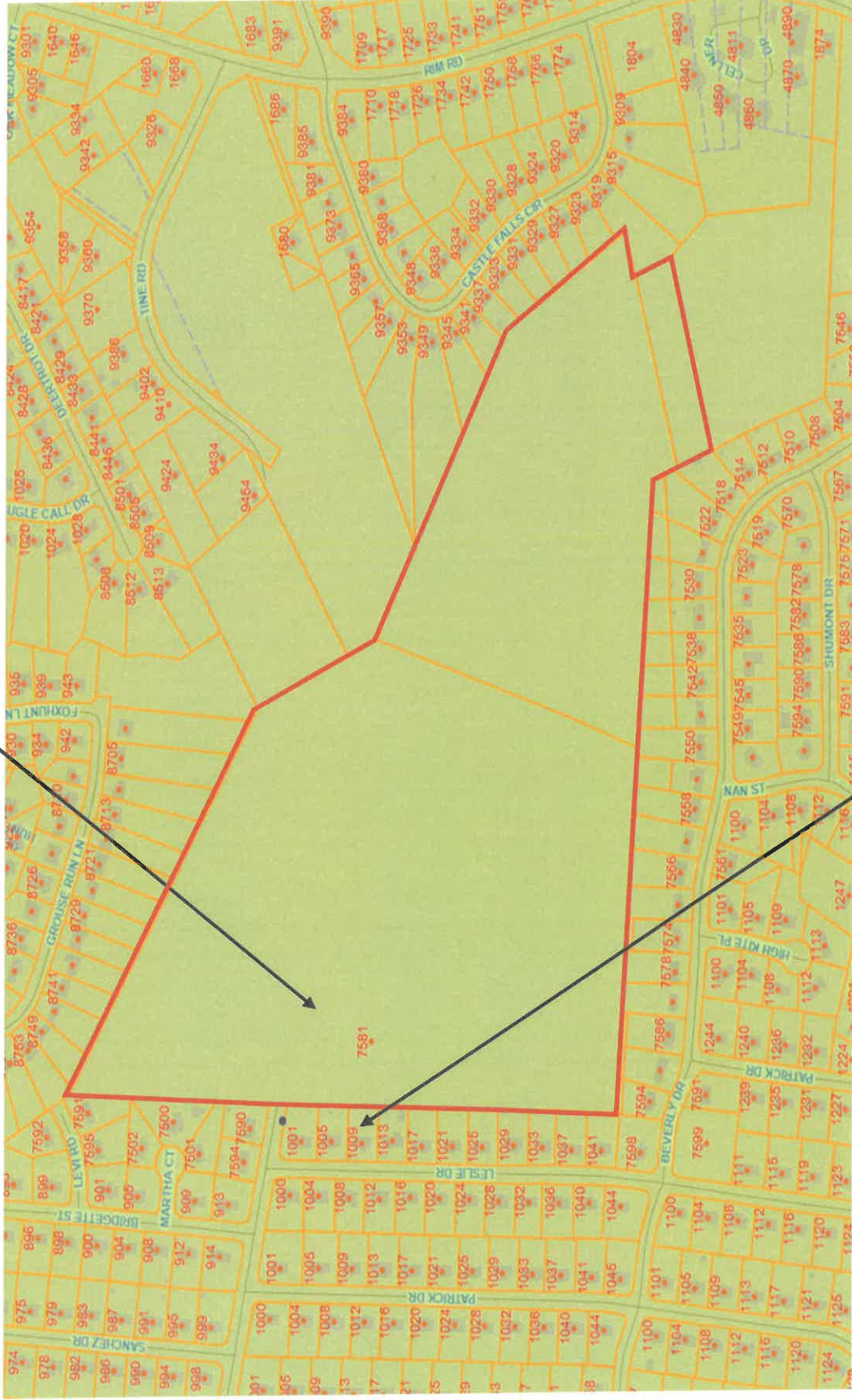
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North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Location of 1009 Leslie Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



1009 Leslie Drive

FIGURE NO. 1



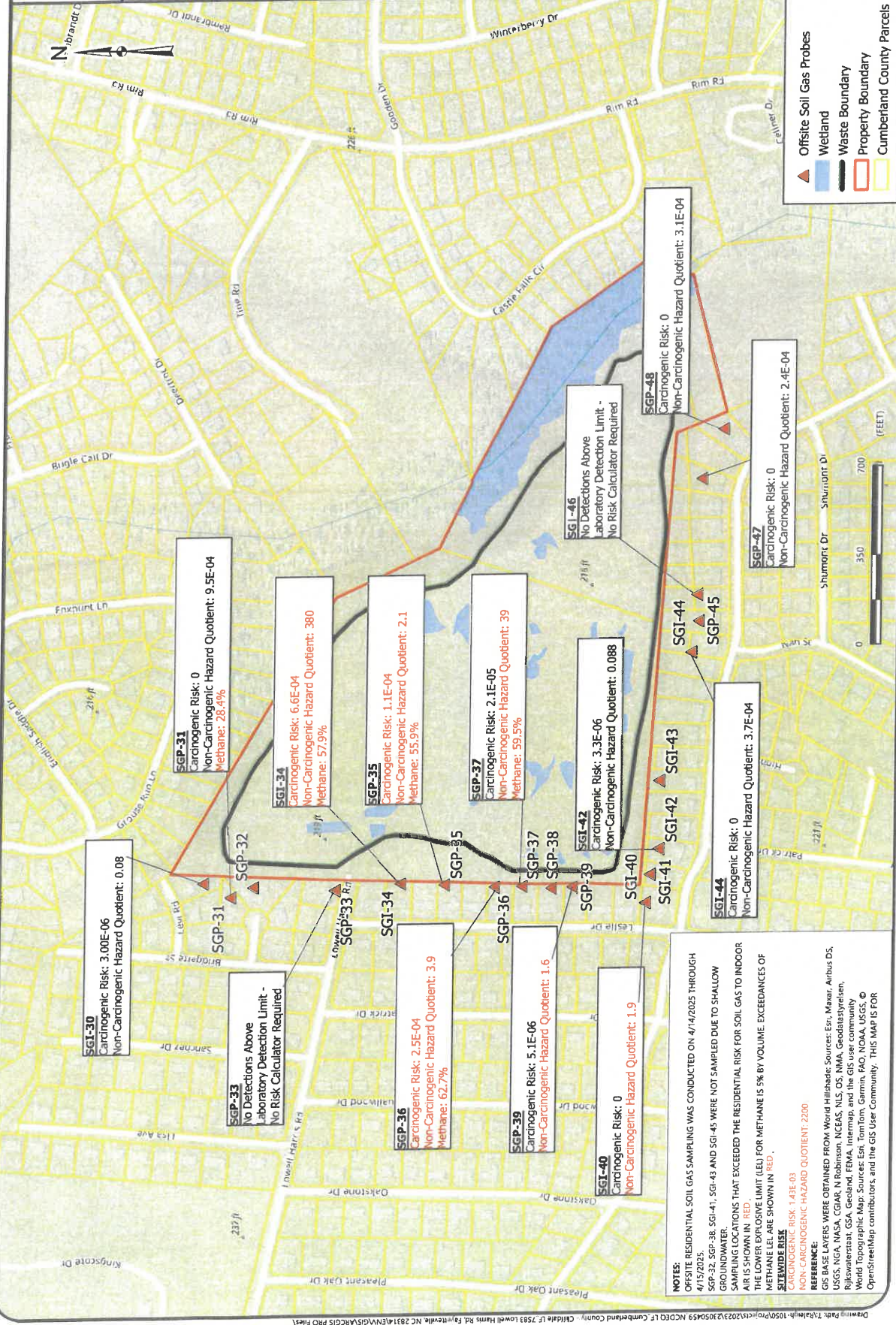
RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCEQ ID NCD980502900 TASK ORDER 2900RI-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2

Offsite Soil Gas Probes

- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



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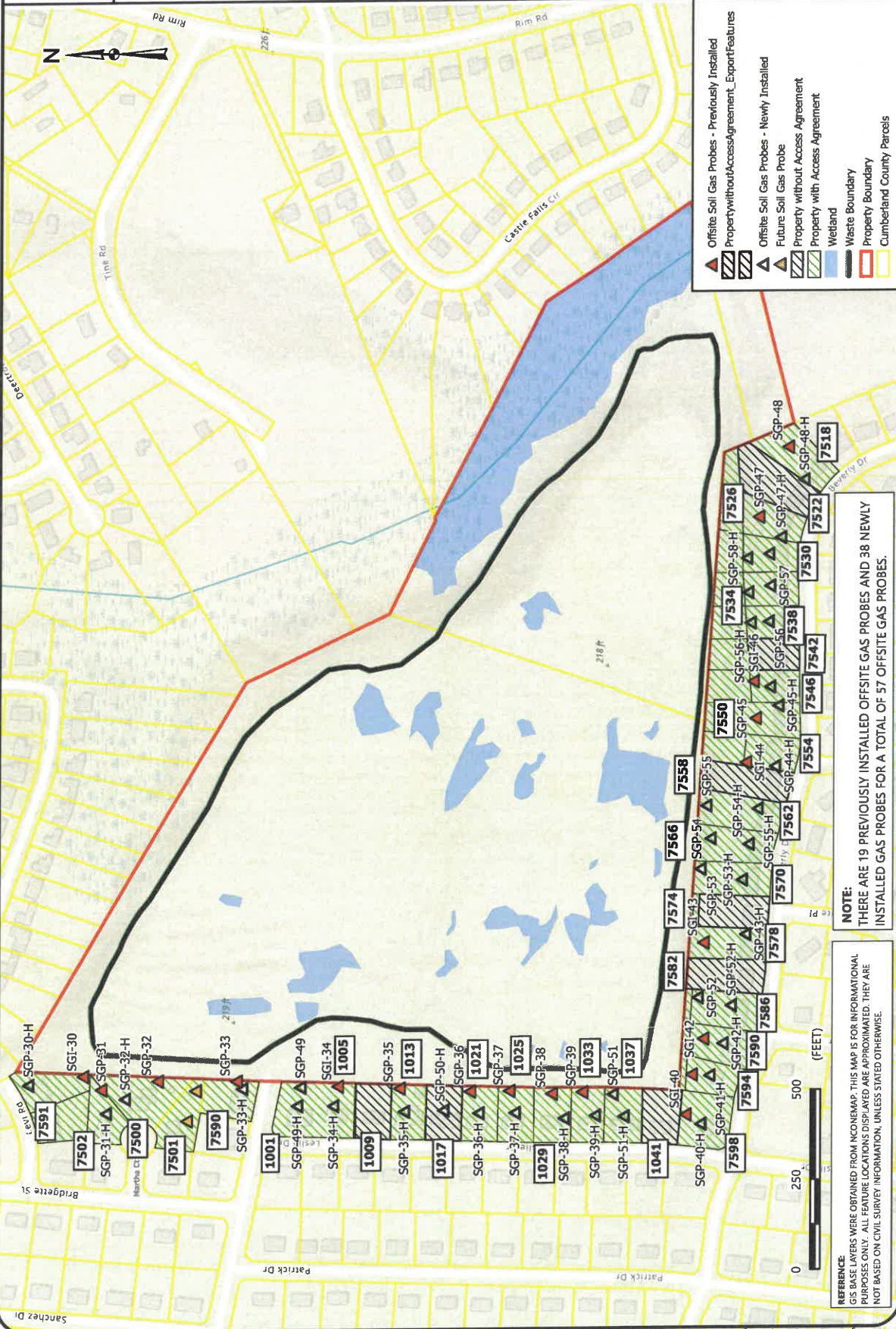
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OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCEQ ID NCD980502900 TASK ORDER 2900R1-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

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 FIGURE NO.
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10-Year Battery-Powered Natural Gas Alarm

DD620NV

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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

BARBARA M DRISCOLL
1741 REAL QUIET PLACE
HOPE MILLS, NC 28348

RE: Methane Detector
7501 MARTHA COURT
Parcel: #9487218260

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

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The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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919.707.8200

Location of 7501 Martha Court in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7501 Martha Court

FIGURE NO.
1

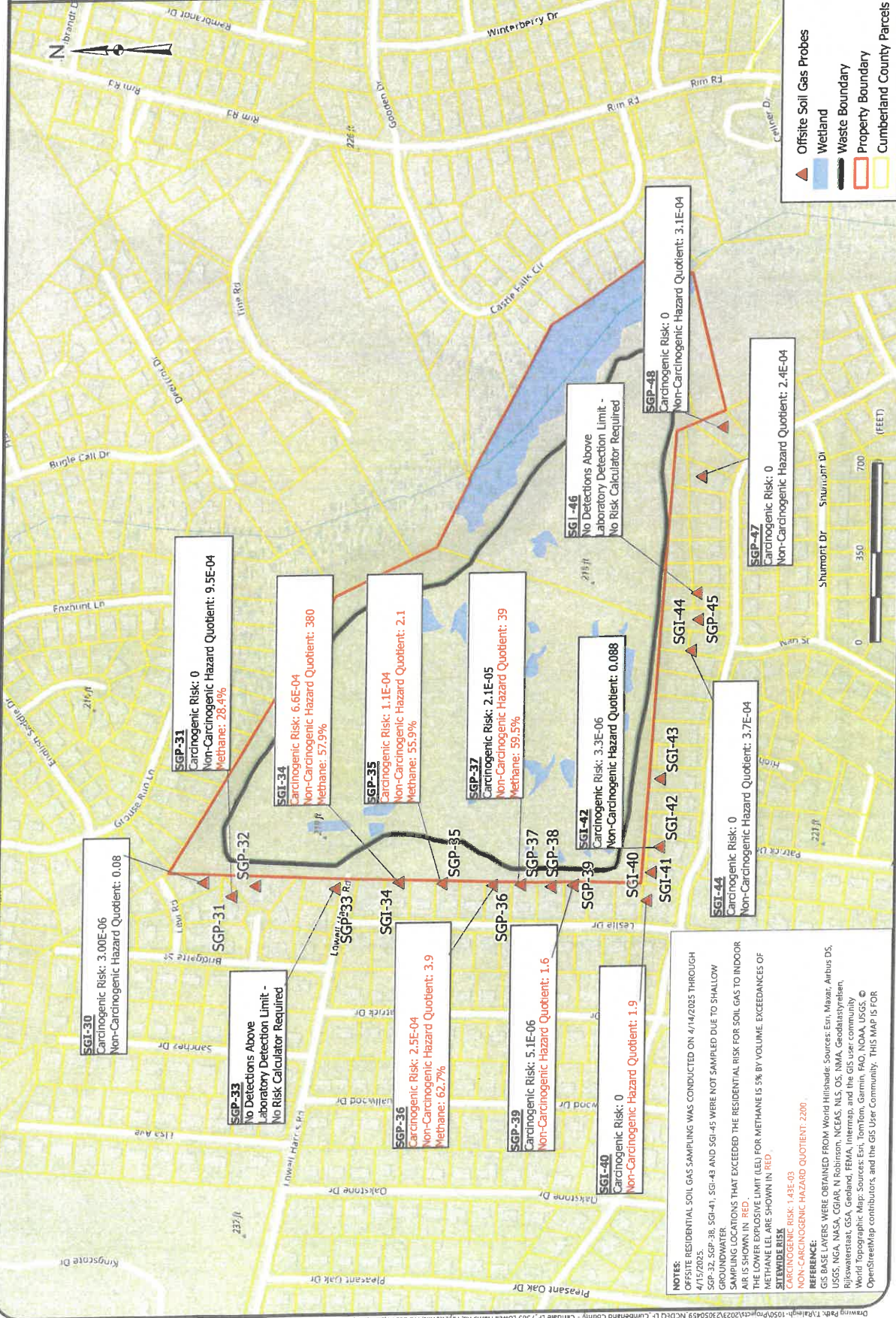


RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFFPALE LANDFILL
 NCDQG ID NCD98052900 TASK ORDER 2900R-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2

Offsite Soil Gas Probes

- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



NOTES: RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025. SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED. THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.

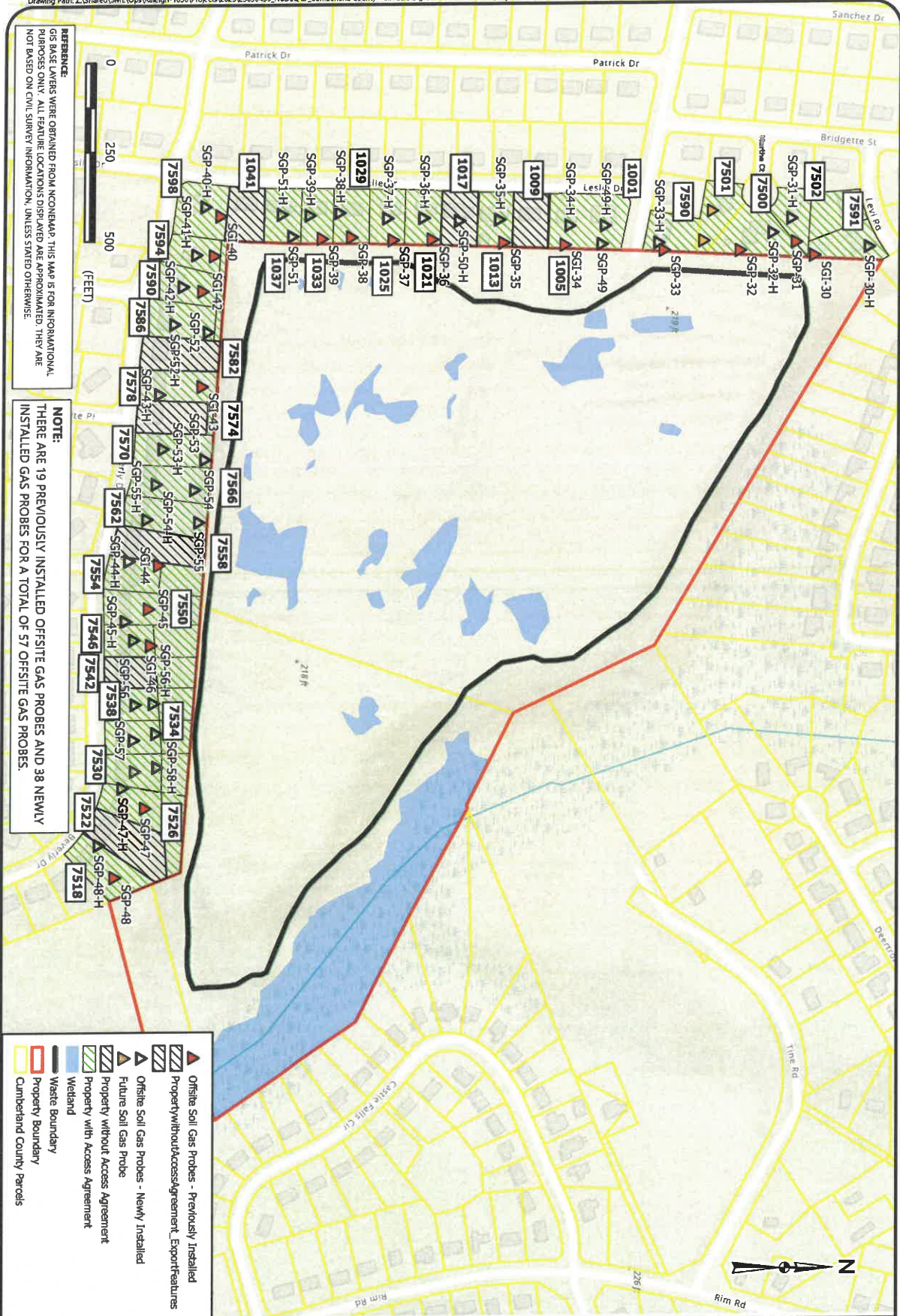
STATEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hillshade: Sources: Esri, Maxar, Airbus DS, USGS, NASA, CGIAR, N. Robinson, NCEAS, NLS, OS, NMA, Geodataspyreihen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR

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NOTE:
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	Offsite Soil Gas Probes - Previously Installed
	Property without Access Agreement_Export Features
	Offsite Soil Gas Probes - Newly Installed
	Future Soil Gas Probe
	Property without Access Agreement
	Property with Access Agreement
	Wetland
	Waste Boundary
	Property Boundary
	Cumberland County Parcels



SCALE	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER	23050459
FIGURE NO.	3

OFFSITE SOIL GAS PROBES
ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NCD980502900 TASK ORDER 2900RI-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA





DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
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Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
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- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

CURRENT RESIDENT
7501 MARTHA COURT
FAYETTEVILLE, NC 28314

RE: Methane Detector
7501 MARTHA COURT
Parcel: #9487218260

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7501 MARTHA COURT) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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Attachments:

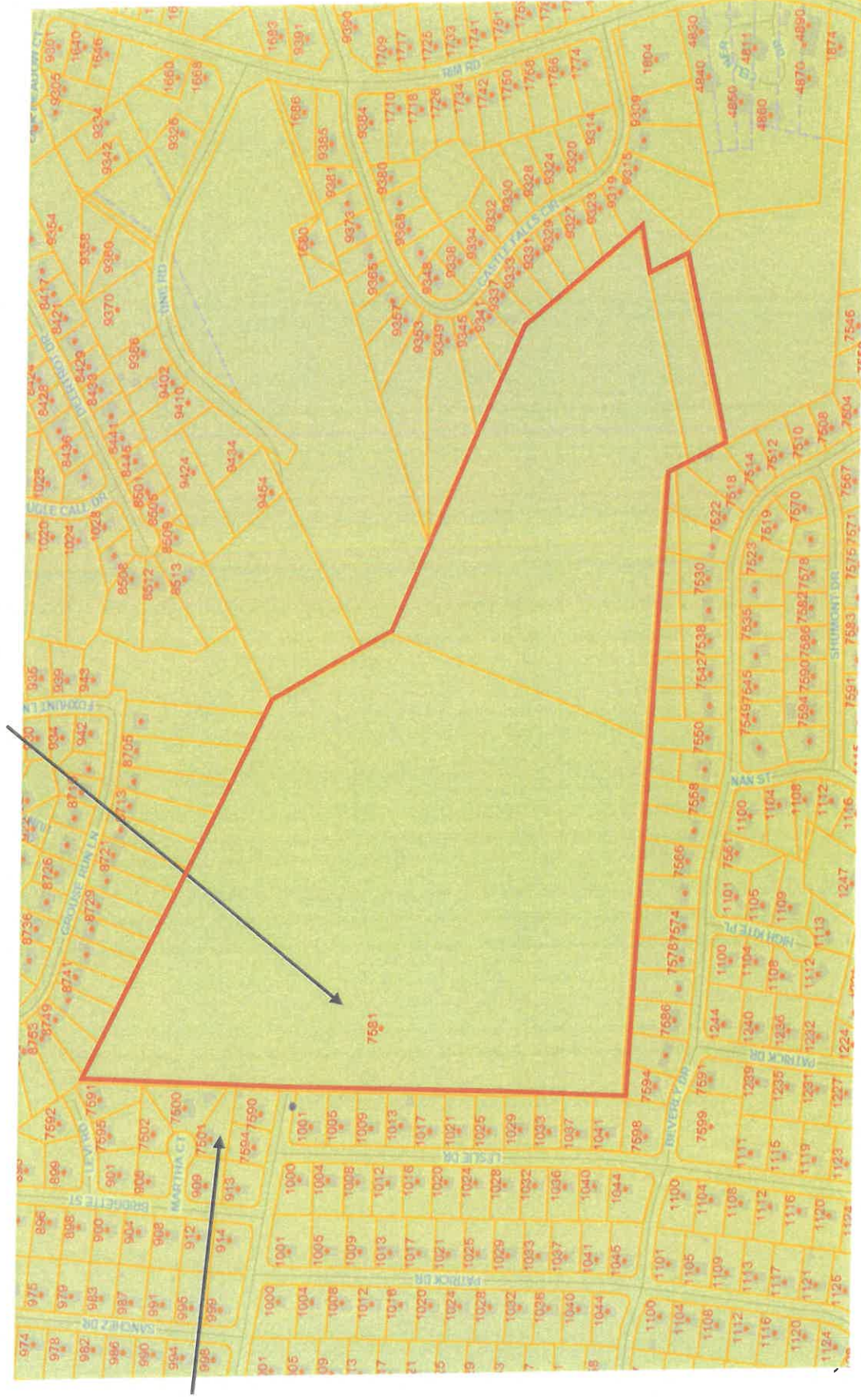
Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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217 West Jones Street | 1646 Mail Service Center | Raleigh North Carolina 27699-1646
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Location of 7501 Martha Court in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF

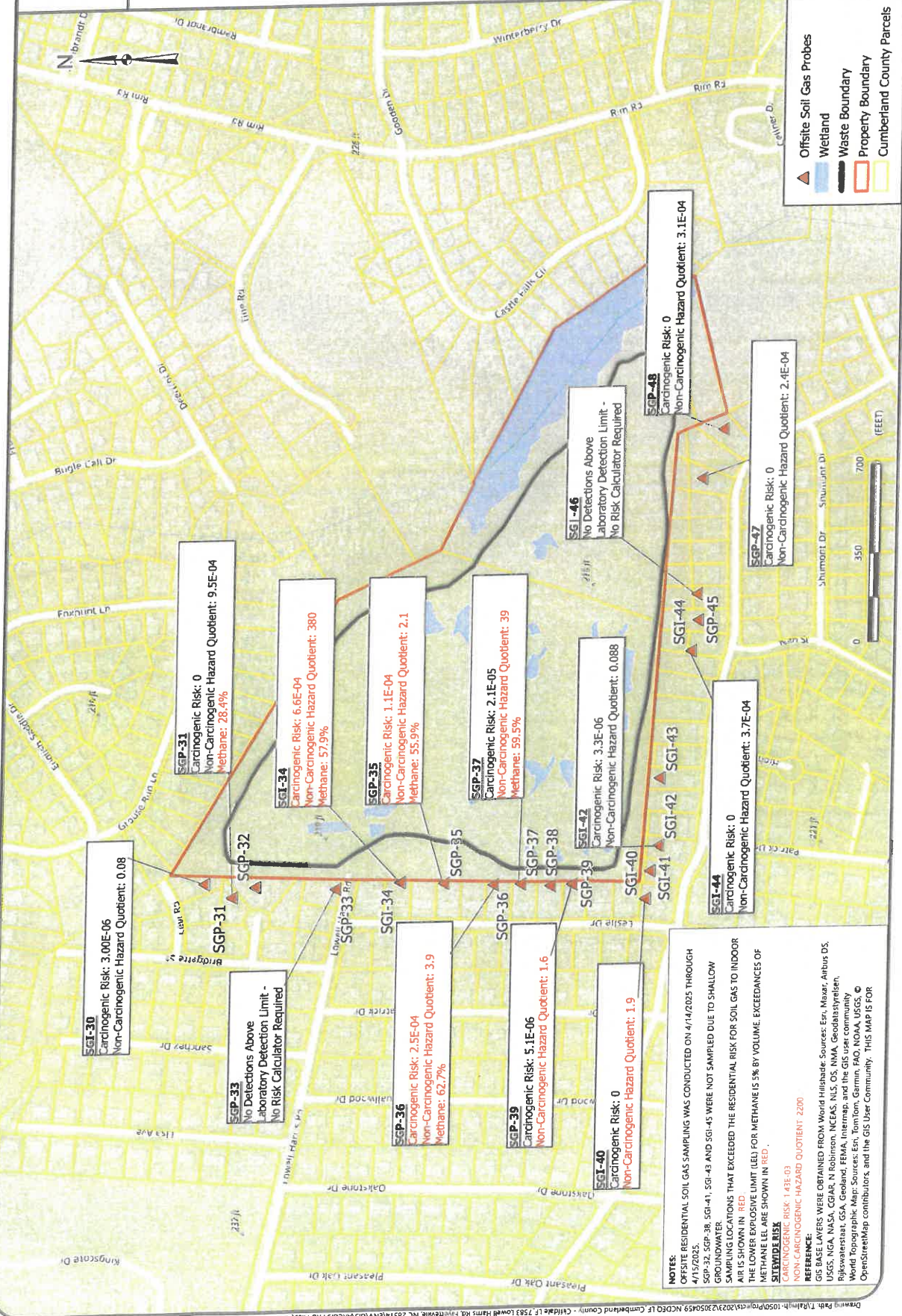


7501 Martha Court



RESIDENTIAL SCP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFFPALE LANDFILL
 NCDEQ ID NCD980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in: 350 feet
 DATE:
6/11/2025
 PROJECT NUMBER
23050459
 FIGURE NO
2

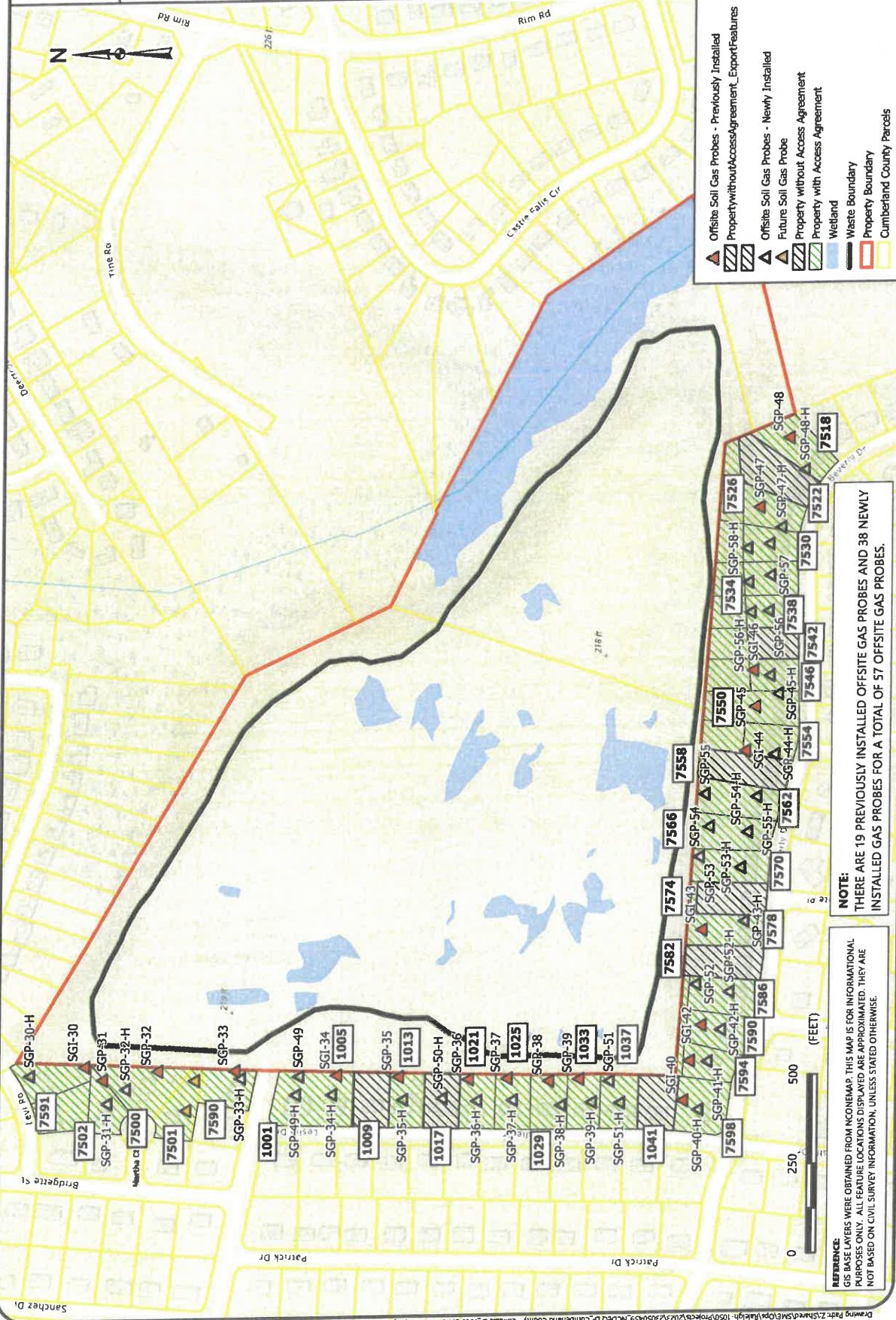




ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFPALE LANDFILL
NCEQ ID NCD980502900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER:
23050459
FIGURE NO.
3



Legend:

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access/Agreement_Export Features
- ▨ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

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DD620NV

Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

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Specifications

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Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

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Contact us to learn more at
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NC0064 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

STEVEN CORTESRODRIGUEZ &
JACQUELINE M MORALES GOMEZ CORTESRODRIGUEZ
2824 NOTTEL DR
SAINT CLOUD, FL 34772

RE: Methane Detector
1037 LESLIE DR
Parcel: #9486298968

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1037 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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North Carolina Department of Environmental Quality | Division of Waste Management
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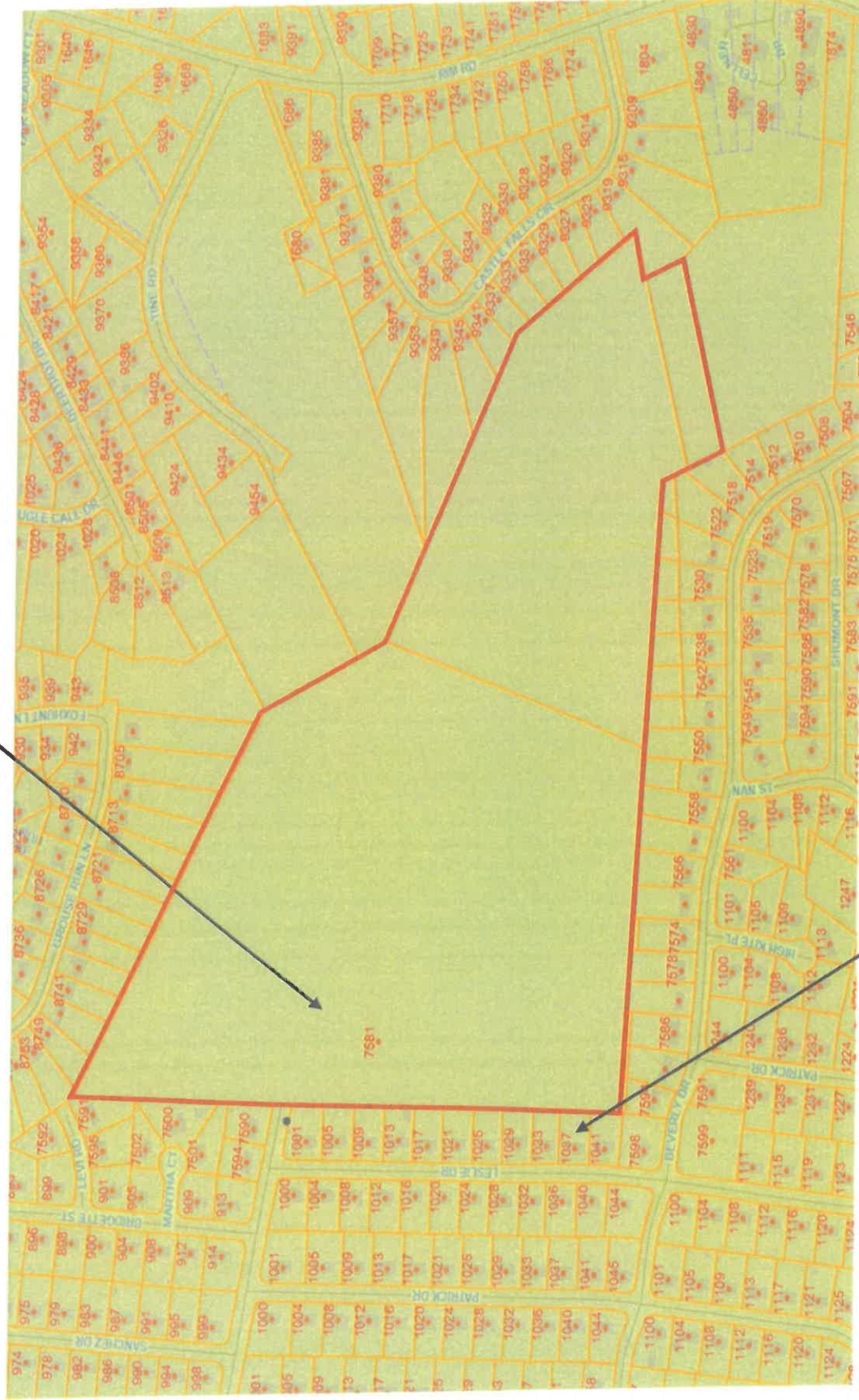
Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Location of 1037 Leslie Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF

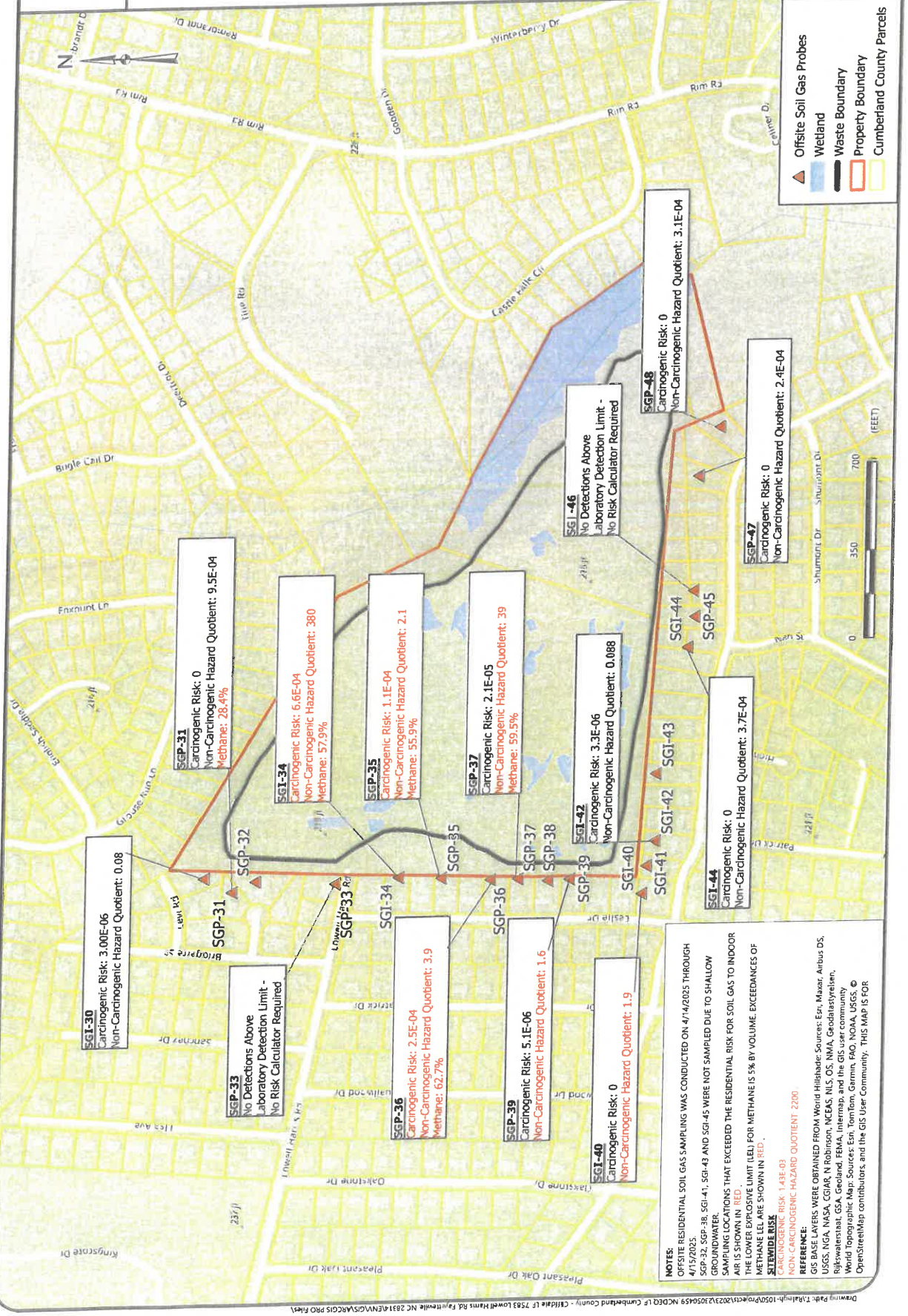


1037 Leslie Drive



RESIDENTIAL SCP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCEQ ID NCD980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: **2**



- ▲ Offsite Soil Gas Probes
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



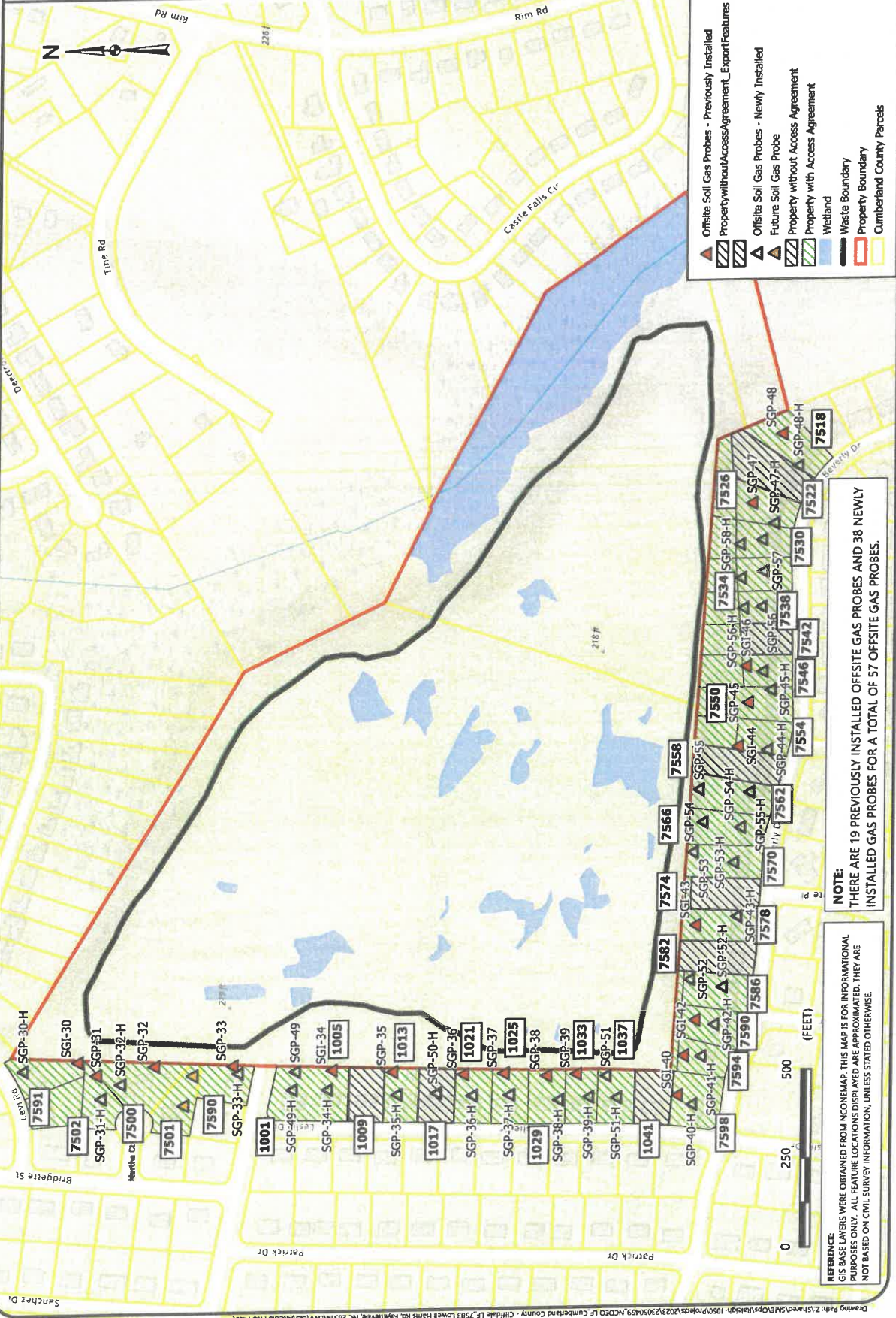
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SITEMIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
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 World Topographic Map Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES

SCALE:
 1 in = 250 feet
 DATE:
 9/18/2025
 PROJECT NUMBER
 23050459
 FIGURE NO.
 3

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement - Export Features
- ▩ Offsite Soil Gas Probes - Newly Installed
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- ▨ Property without Access Agreement
- ▩ Property with Access Agreement
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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

CURRENT RESIDENT
1037 LESLIE DRIVE
FAYETTEVILLE, NC 28314

RE: Methane Detector
1037 LESLIE DRIVE
Parcel: #9486298968

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 1037 Leslie Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



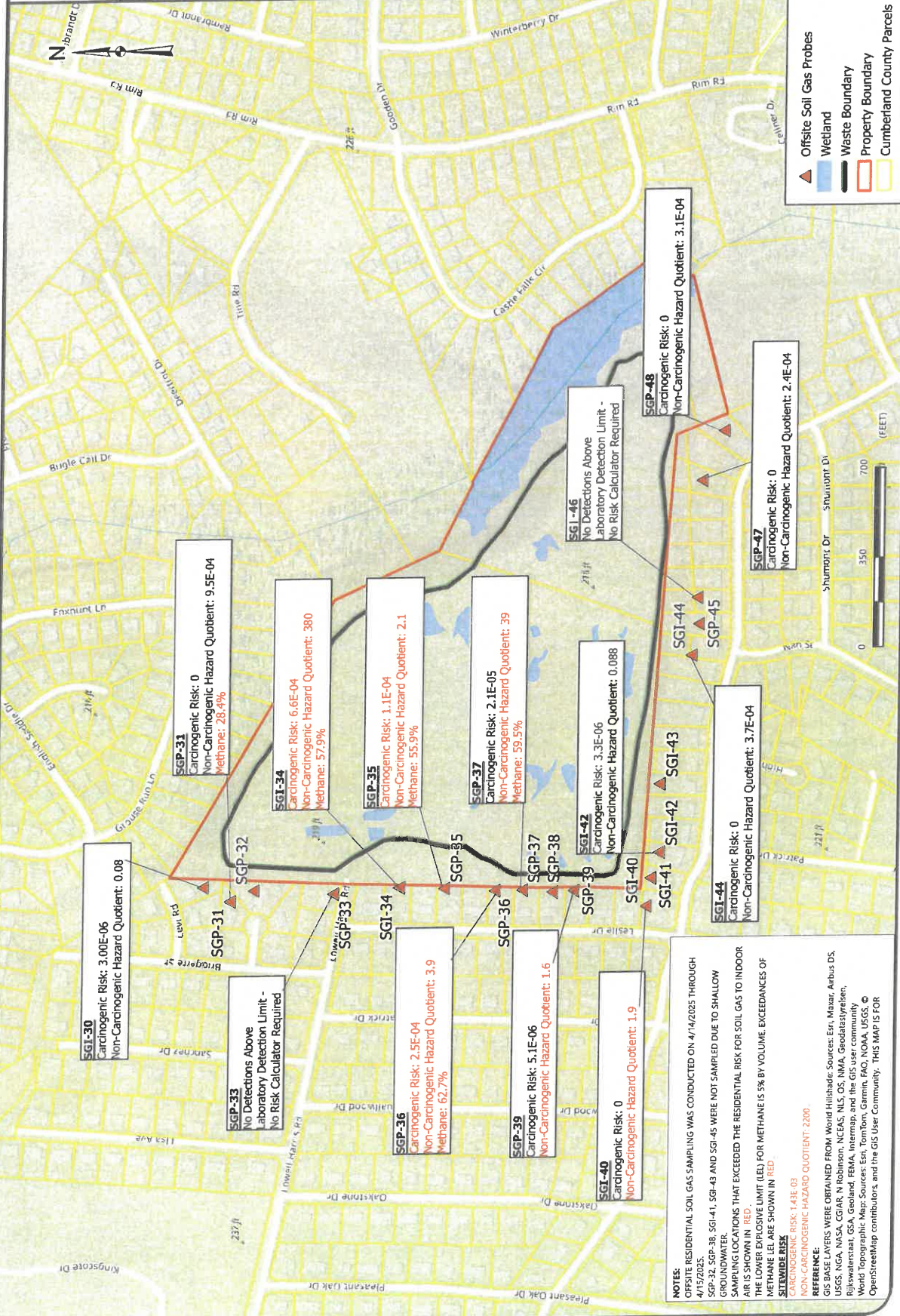
1037 Leslie Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDQG ID NCDE98052900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
DATE: 6/11/2025
PROJECT NUMBER 23050459
FIGURE NO 2



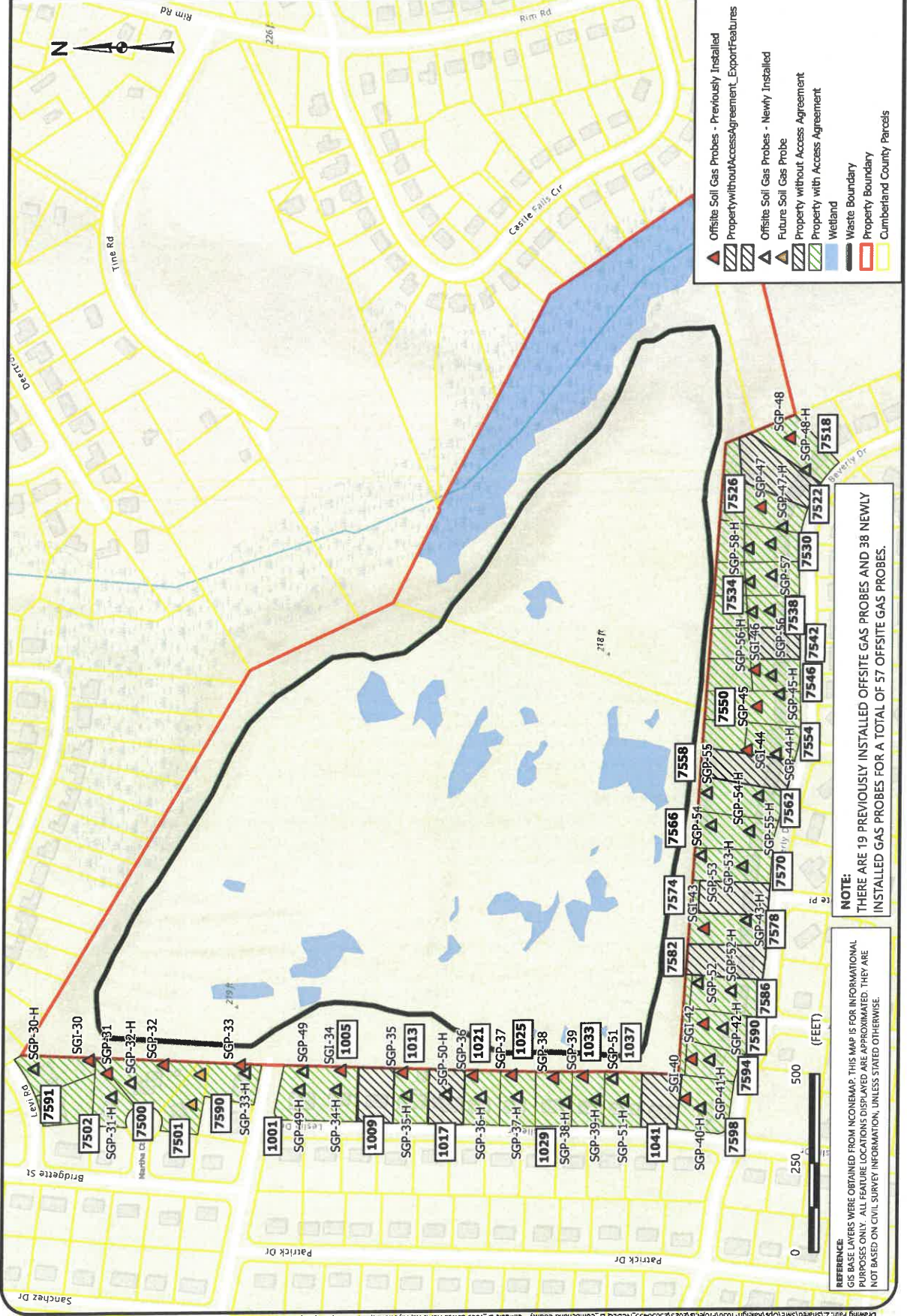
NOTES:
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SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
SITEWIDE RISK
CARCINOGENIC RISK: 1.4E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World Hultshade; Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, NOAA, N Robinson, NCEAS, NLS, OS, NMA, Geoblaststyriken, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDCE ID NCD980502900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER:	23050459
FIGURE NO.:	3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement
- ▩ Offsite Soil Gas Probes - Newly Installed
- △ Future Soil Gas Probe
- ▧ Property without Access Agreement
- ▦ Property with Access Agreement
- ▨ Wetland
- ▭ Waste Boundary
- ▭ Property Boundary
- ▭ Cumberland County Parcels

NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
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DeNova Detect 10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
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- No extension cord or outlet needed

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- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect®
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

RONNIE J HOLLIDAY
109 Harvest Lane
Raeford, NC 28376

RE: Methane Detector
7590 BEVERLY DR
Parcel: #9486390750

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7590 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

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The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

Location of 7590 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7590 Beverly Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

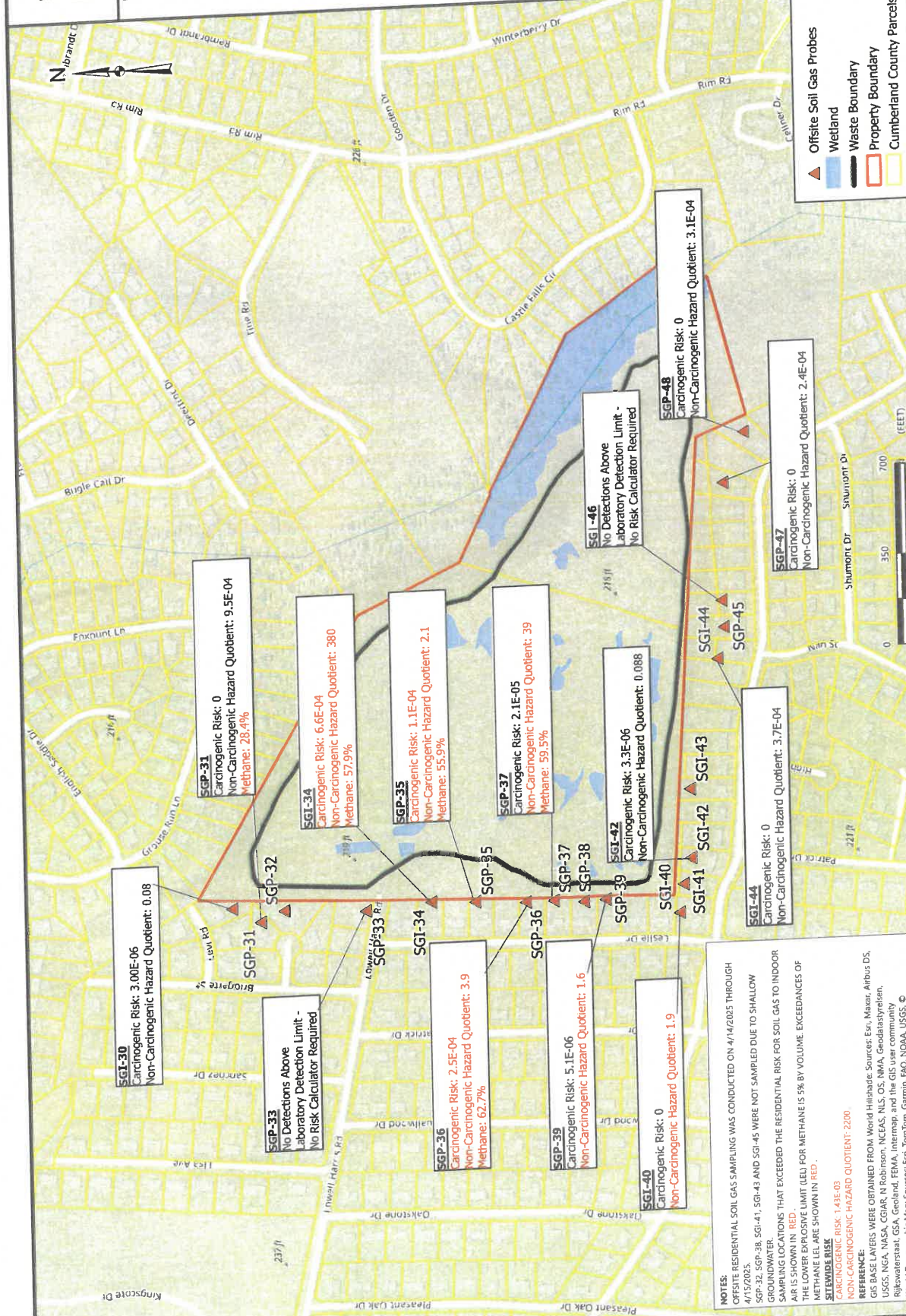
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEN ID NCD980502900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in: 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO
2



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SETBACK RISK
CARCINOGENIC RISK: 1.43E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World Hillshade; Sources: Esri, Maxar, Airbus DS, USGS, NOAA, NOAA, CGAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatasys/Esri, Esri, NOAA, NOAA, NOAA, FEMA, Intermap, and the GIS user community
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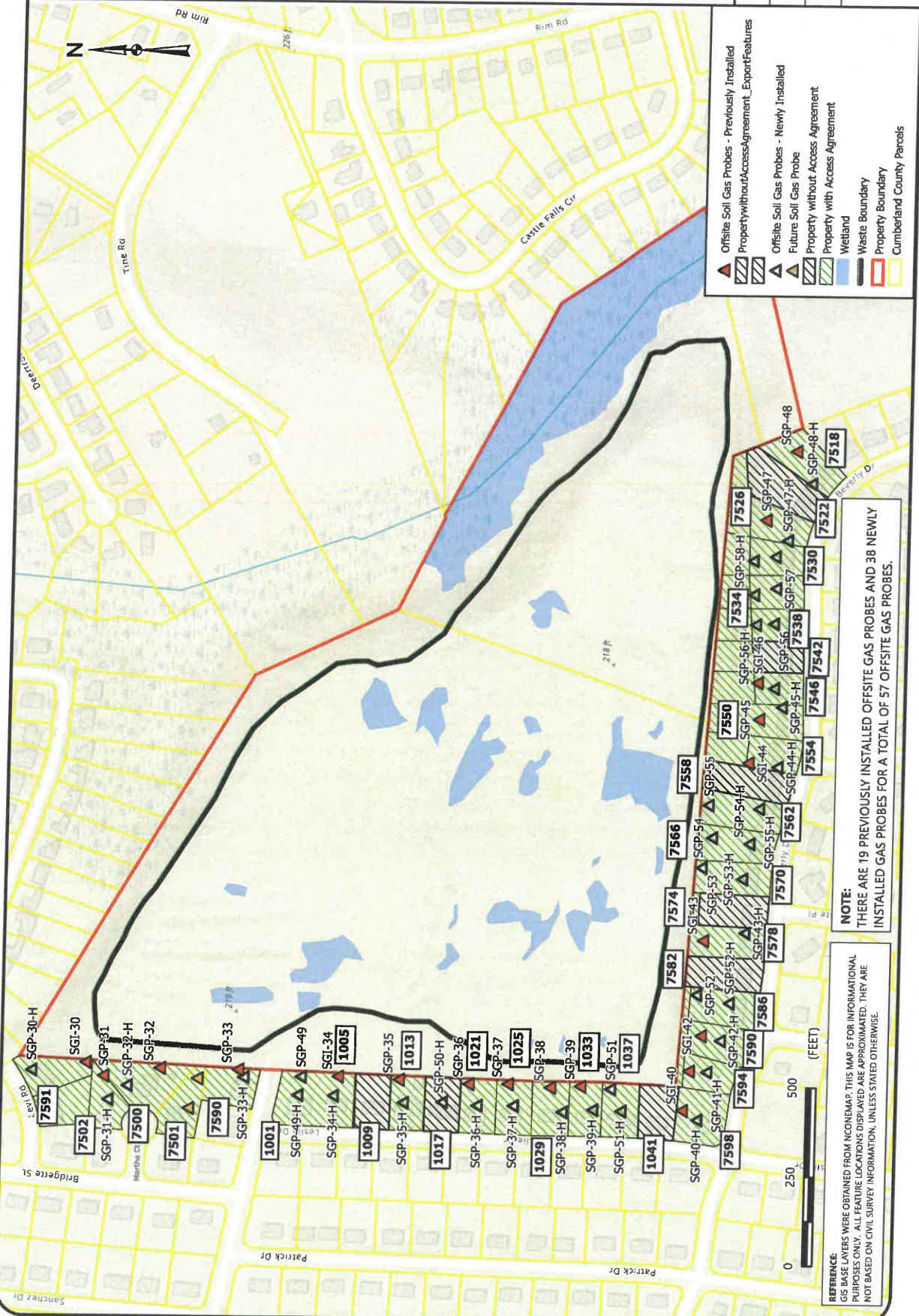


OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDQG ID NCD980502900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
23050459
FIGURE NO.
3

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access/Agreement - Export Features
- ▨ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
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DD620NV

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Model Number	DD620NV
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Detection principle	MEMS hot-wire semiconductor sensor
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Operating temp. range	32°F (0°C) to 122°F (50°C)
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Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
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Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
 Governor
 D. REID WILSON
 Secretary
 MICHAEL SCOTT
 Director



September 26, 2025

12345 & 67890
 "123456789"
 /šµj °°i ²žj, NC 283

RE: Methane Detector
 "123456789"
 Parcel: #9486390750

Site: Cumberland County/Cliffdale LF
 Lowell Harris Road
 Fayetteville, Cumberland County, NC
 ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property ("123456789") is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

Location of 7590 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7590 Beverly Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

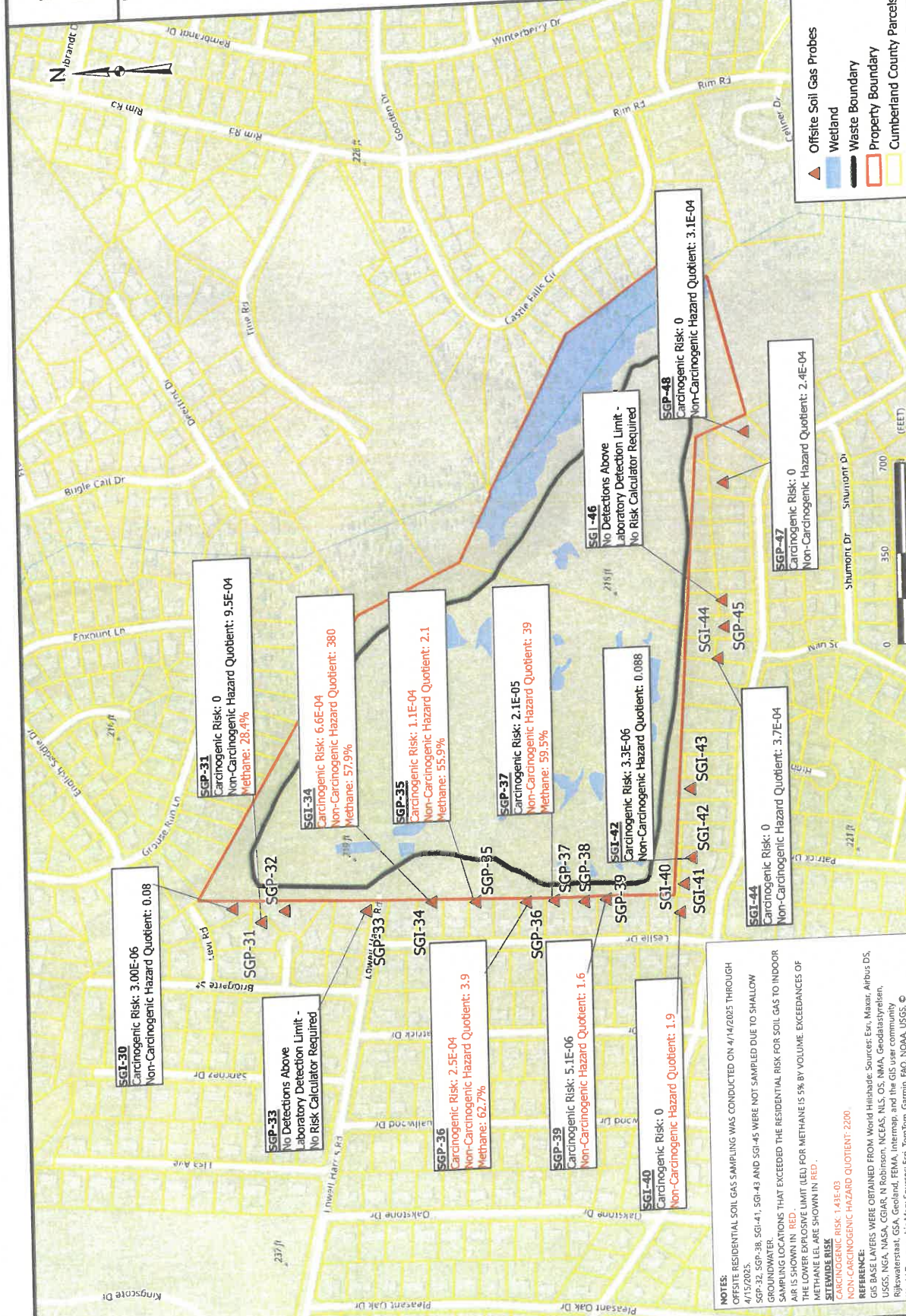
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEN ID NCD980502900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in: 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO
2



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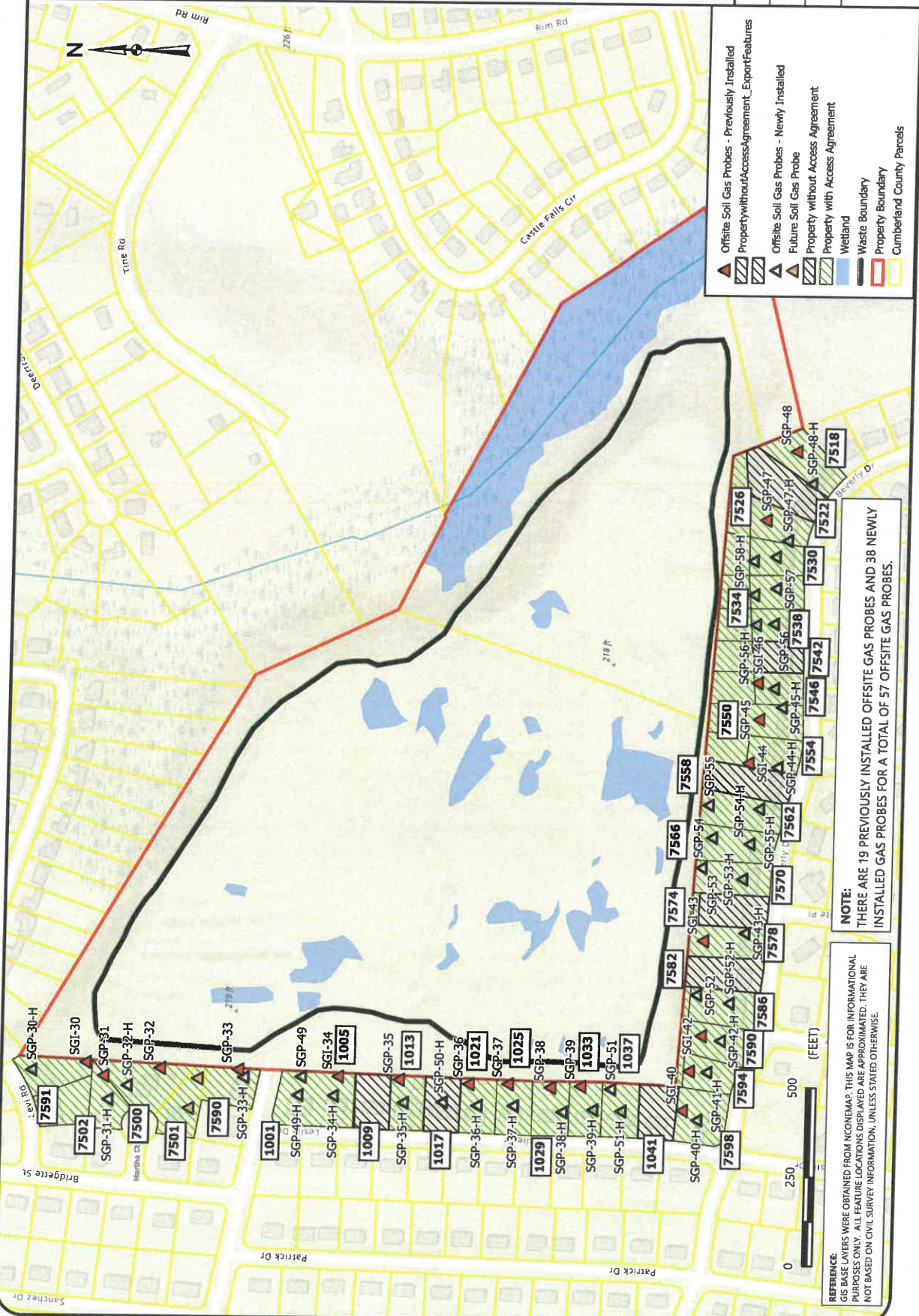


OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDQG ID NCD980502900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
23050459
FIGURE NO.
3

- ▲ Offsite Soil Gas Probes - Previously Installed
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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

RADIANCE GROUP LLC
2324 ROCKLAND CIR
HIGH POINT, NC 27265

RE: Methane Detector
7582 BEVERLY DR
Parcel: #9486392659

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

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NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

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Cumberland County Health Department - jgreen@cumberlandcountync.gov
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Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

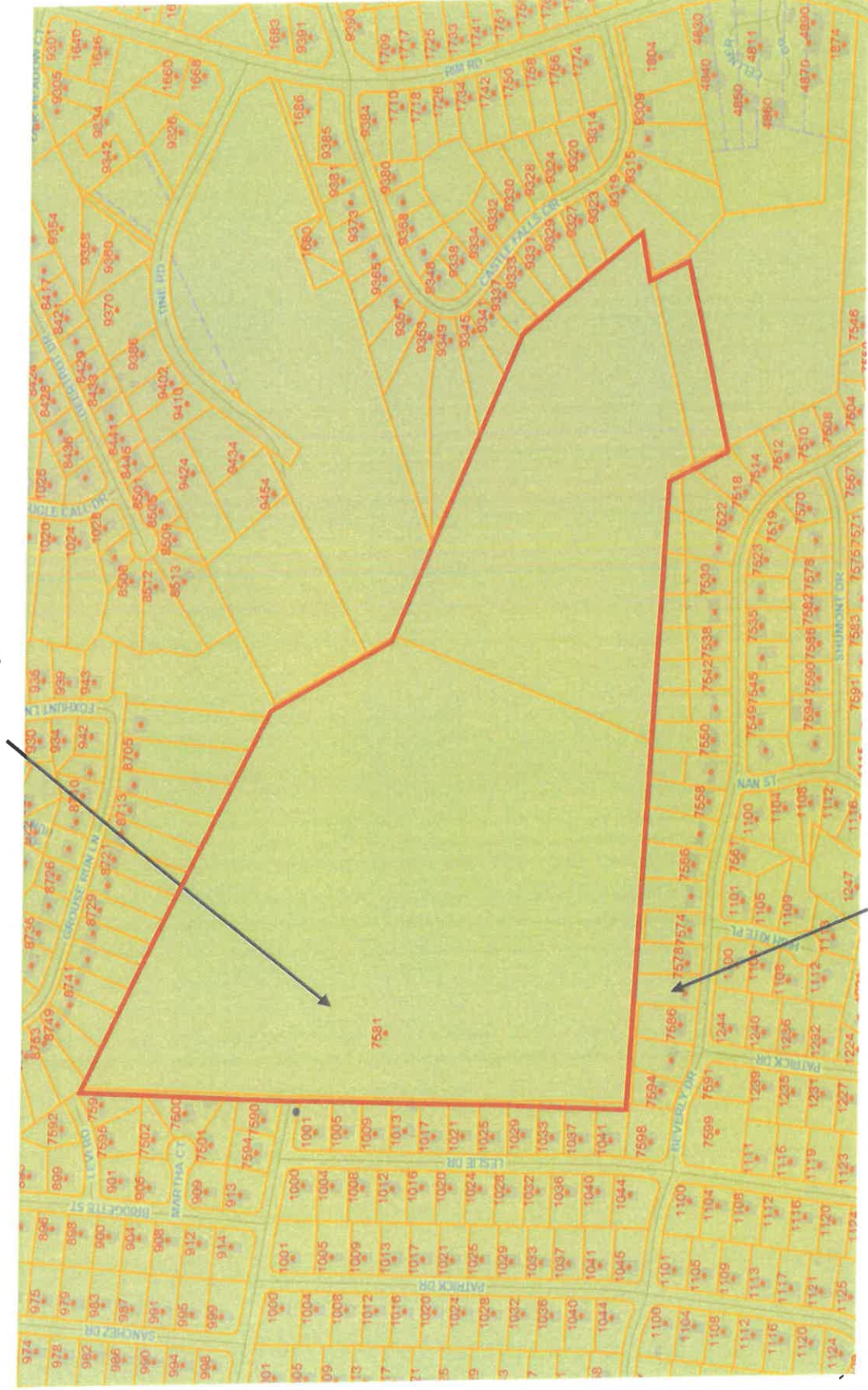
Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



Location of 7582 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



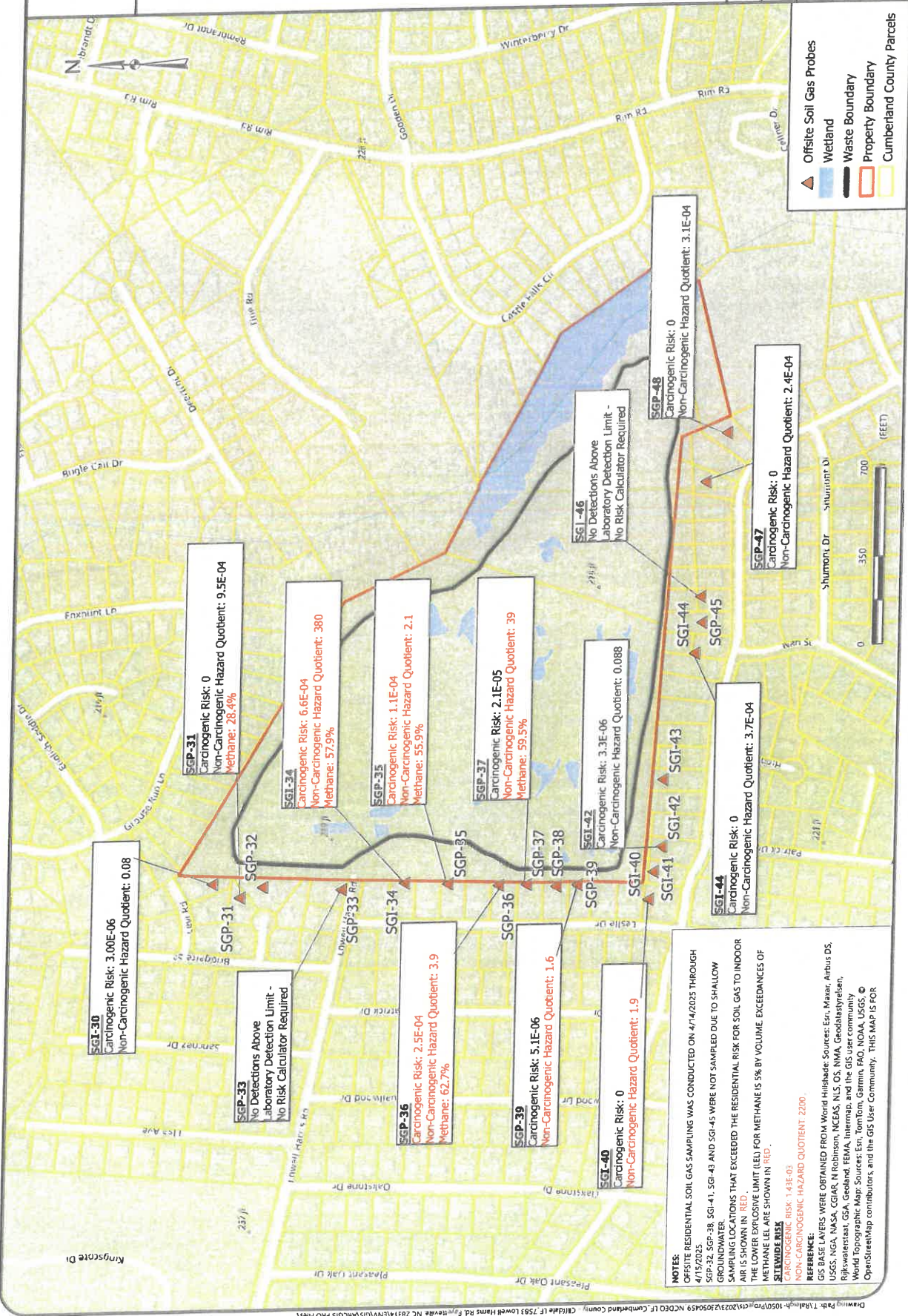
7582 Beverly Drive

FIGURE NO. 1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCEQ ID NCD980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

SCALE: 1 in: 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



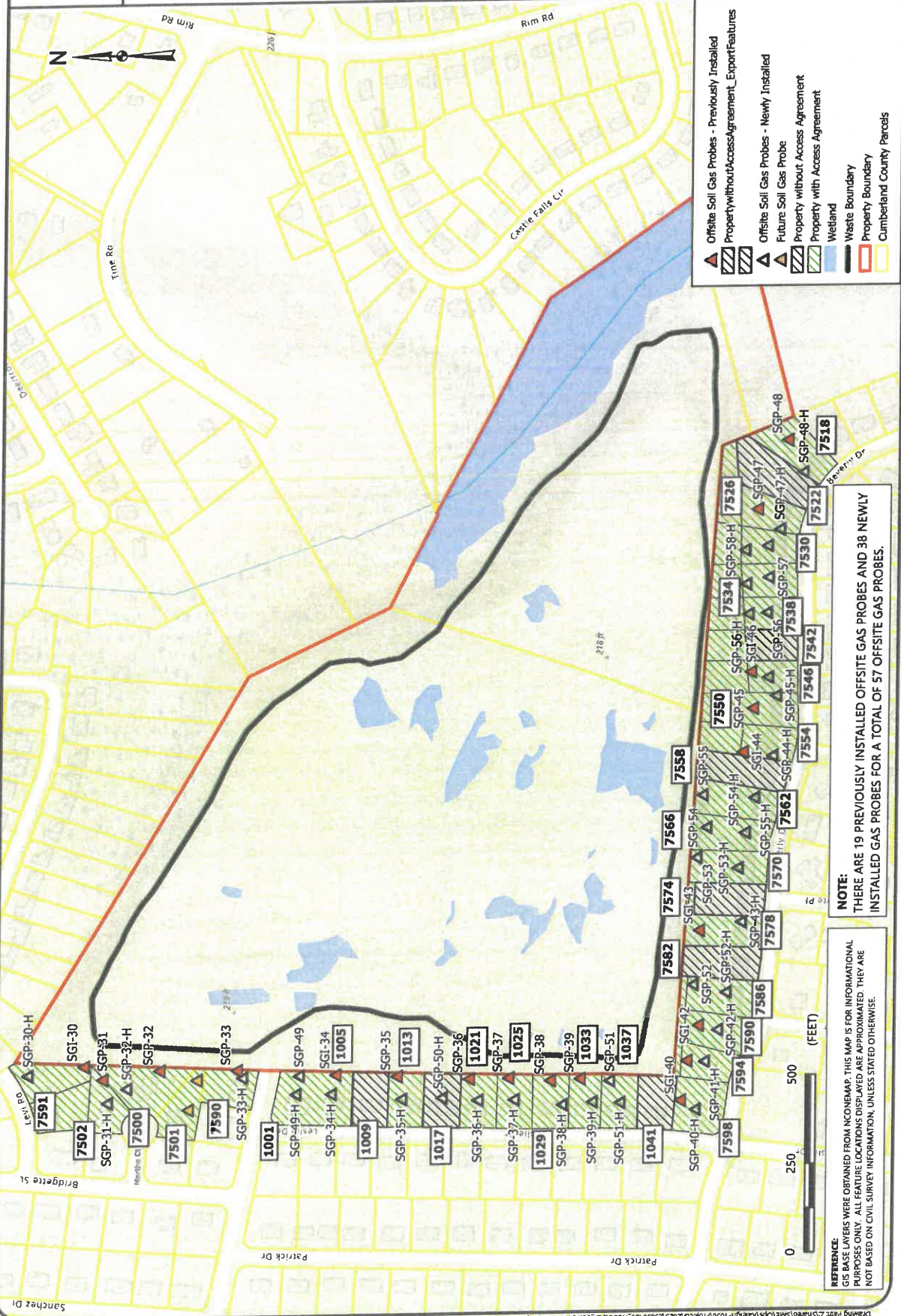
- ▲ Offsite Soil Gas Probes
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

NOTES
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/7/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW SAMPLING DEPTHS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
 THE LOWER EXPOSURE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
SITEMAP RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hydrobase, Sources: Esri, Mapbox, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OSM, NIMA, Geobase/Bayesian, Bijkwaerstaal, GSA, Geobase, FEMA, Intermap, and the GIS user community.
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDQS ID NCD980502900 TASK ORDER 2900R1-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE
 1 in = 250 feet
 DATE:
 9/18/2025
 PROJECT NUMBER
 23050459
 FIGURE NO.
3





DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- 11 minutes more escape time. Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- Voice Alerts in English & Spanish announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- Self-diagnostics provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- 10-year battery and product service life
- Micro-Electromechanical System (MEMS) sensor technology provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- Virtually eliminates false alarms caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



Conforms to UL STD 1484

DeNova Detect®
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

CURRENT RESIDENT
7582 BEVERLY DR
HIGH POINT, NC 27265

RE: Methane Detector
7582 BEVERLY DR
Parcel: #9486392659

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7582 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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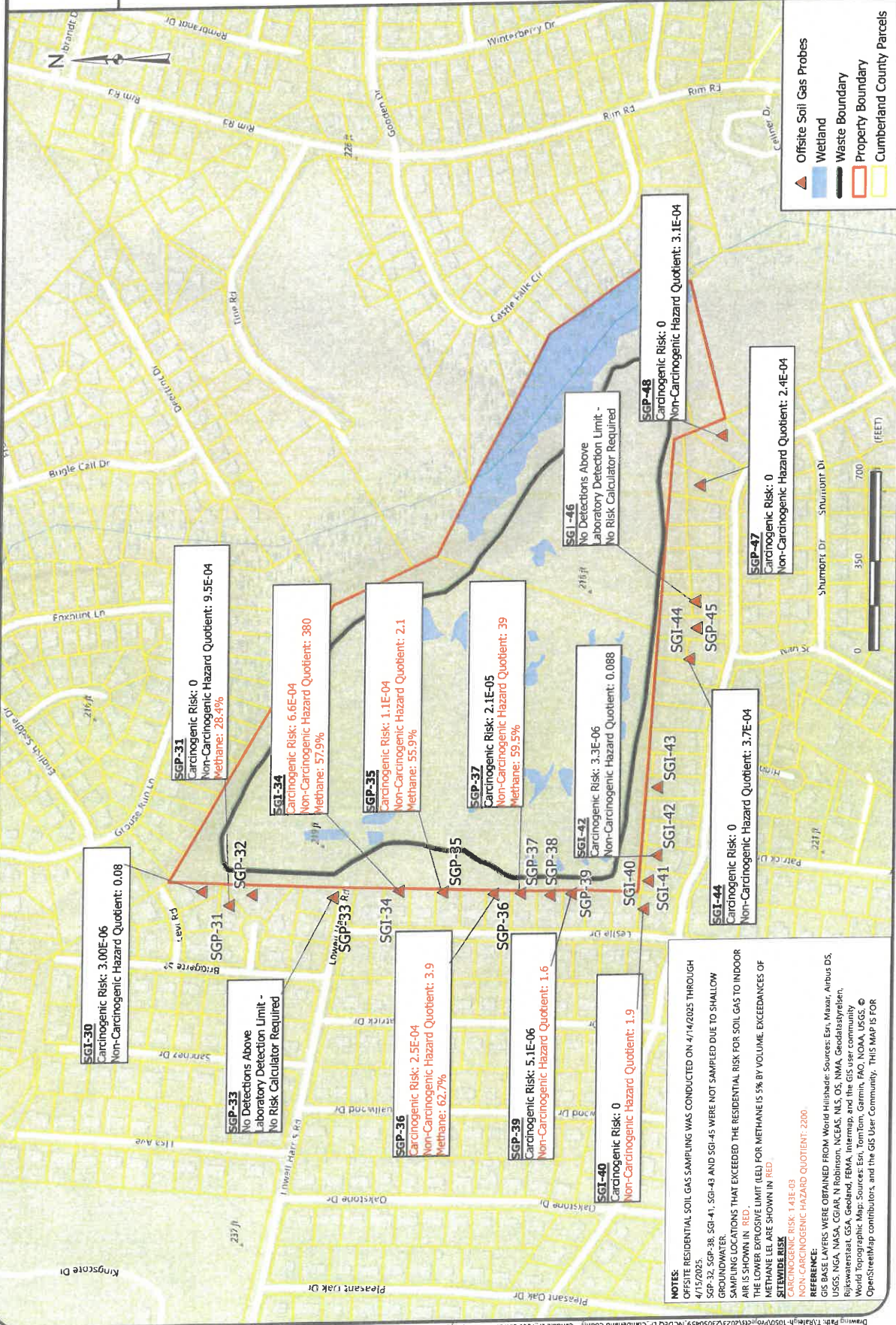
Location of 7582 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7582 Beverly Drive

FIGURE NO.
1

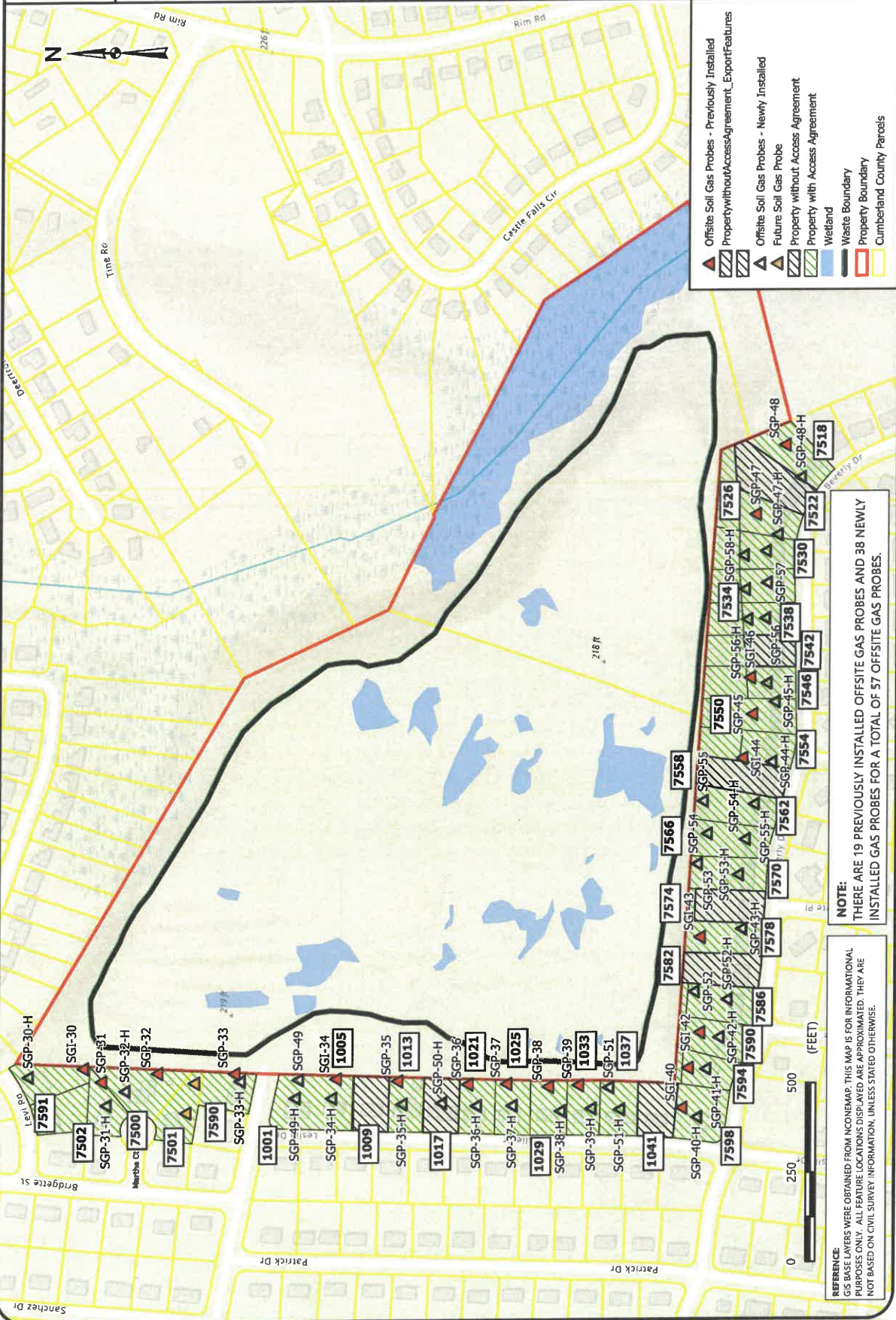


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 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS. © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDCEQ ID NCD980502900 TASK ORDER 2900R1-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
 1 in. = 250 feet
 DATE:
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 PROJECT NUMBER
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 FIGURE NO.
3





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DD620NV

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- No extension cord or outlet needed

Features

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- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
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- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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NC0054 / 11302023

JOSH STEIN
Governor
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Secretary
MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

ANTHONY MUNSON
5 RACHEL RD
WINDSOR LOCKS, CT 06096

RE: Methane Detector
7570 BEVERLY RD
Parcel: #9486395628

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7570 BEVERLY RD) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

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Cumberland County Health Department - jgreen@cumberlandcountync.gov
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Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Location of 7570 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7570 Beverly Drive

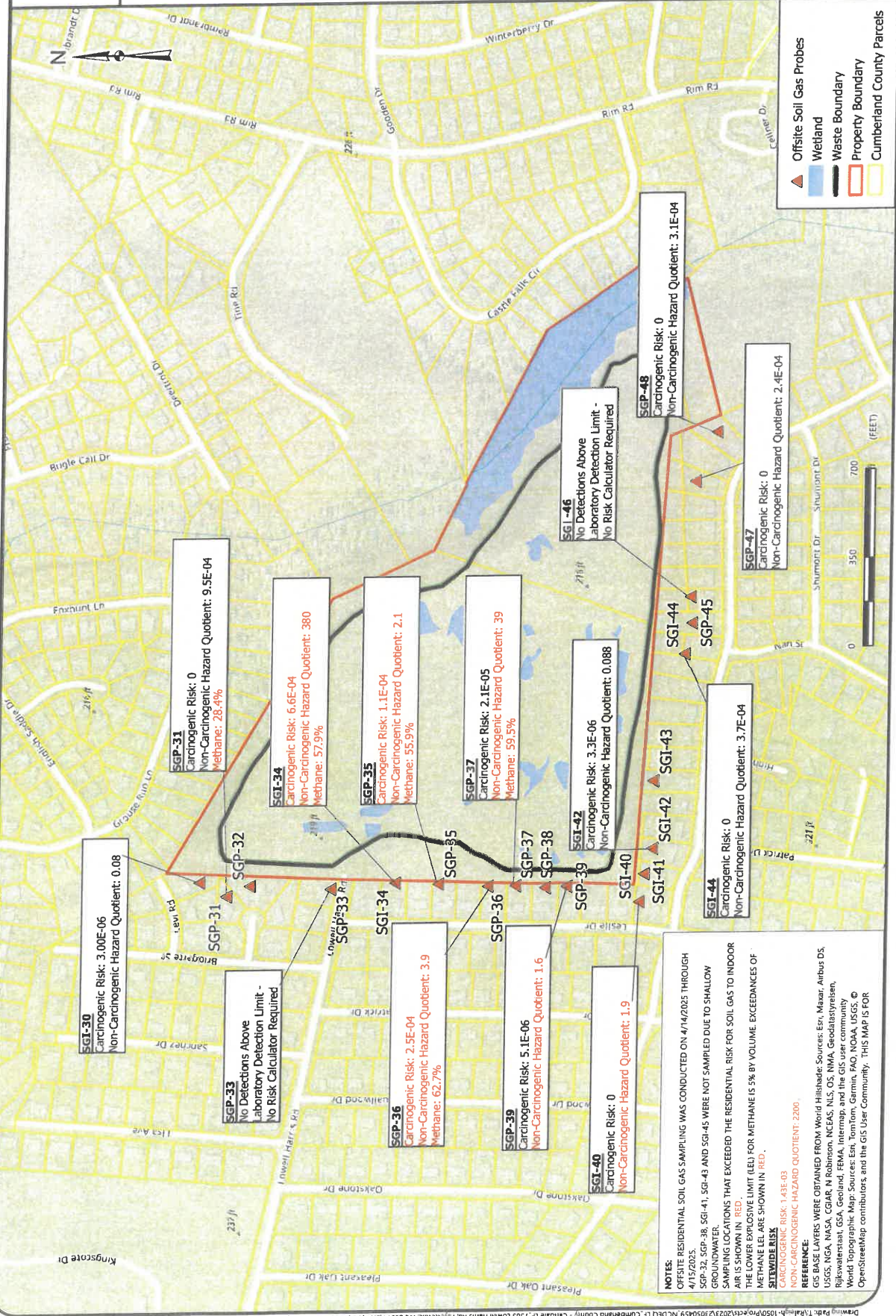
FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEQ ID NCD980502900 TASK ORDER 2900RI-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
DATE: 6/11/2025
PROJECT NUMBER: 23050459
FIGURE NO: 2



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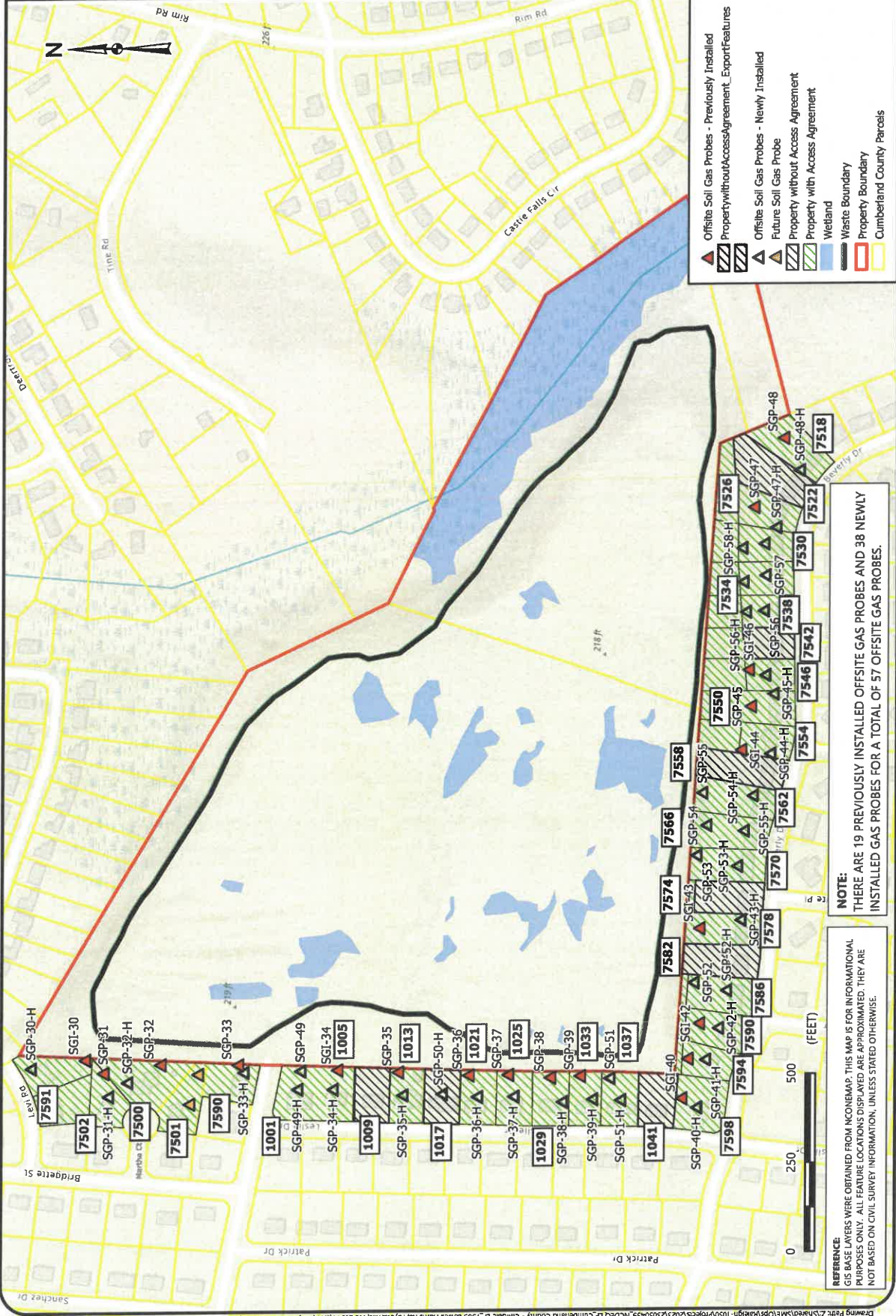
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Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES

ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFPALE LANDFILL
 NCEQ ID NCD980502900 TASK ORDER 2900RI-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in = 250 feet
DATE: 9/18/2025
PROJECT NUMBER: 23050459
FIGURE NO. 3





DeNova Detect

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NC0054 / 11302023



NORTH CAROLINA
Environmental Quality

September 26, 2025

JOSH STEIN

Governor

D. REID WILSON

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MICHAEL SCOTT

Director

Current Resident

75 Beverly Dr

Fayetteville, NC 28314

RE: Methane Detector
75 Beverly Dr
Parcel: #9486490556

Site: Cumberland County/Cliffdale LF
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Fayetteville, Cumberland County, NC
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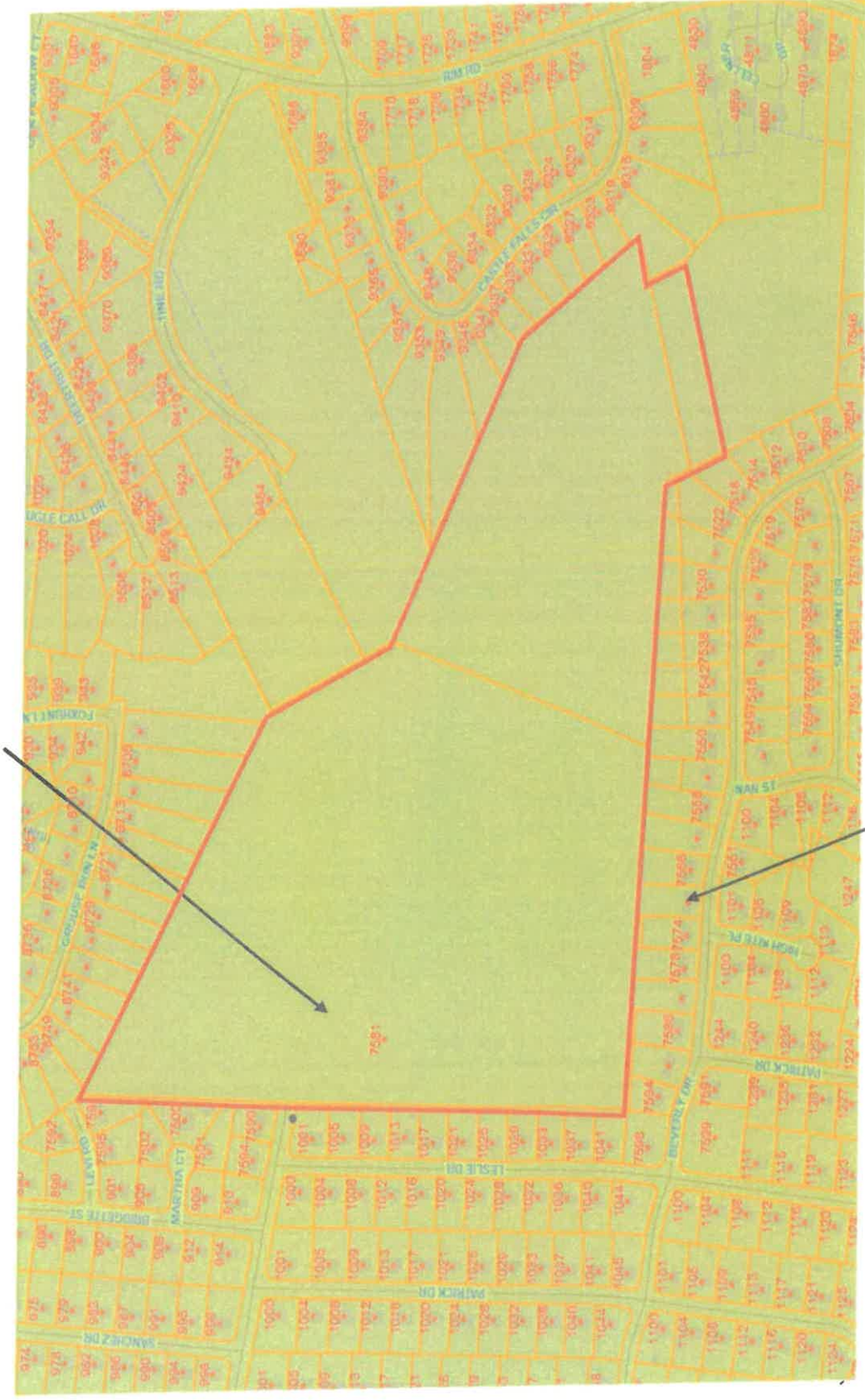
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Location of 7570 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7570 Beverly Drive

FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

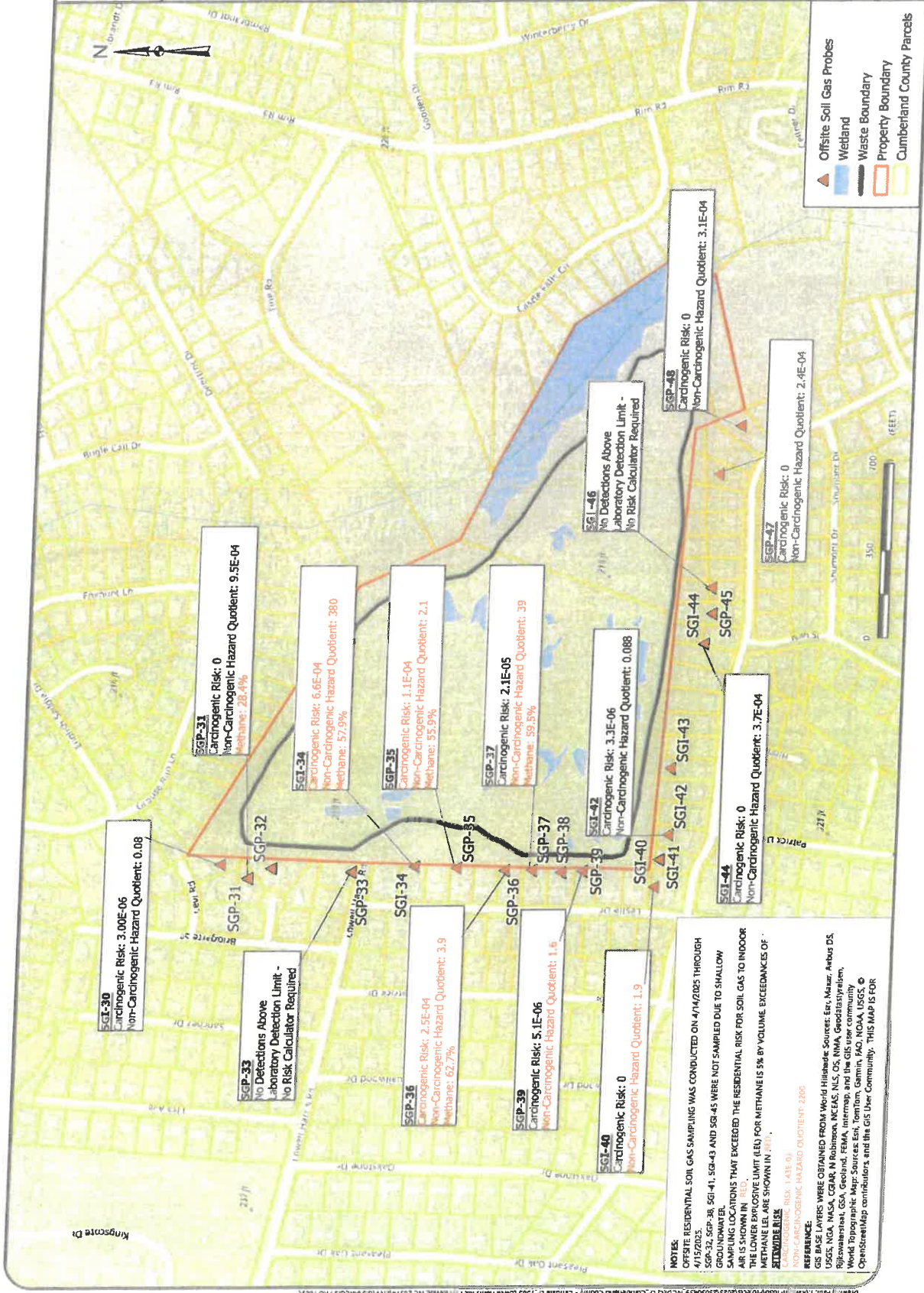
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1 in: 350 feet

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FIGURE NO
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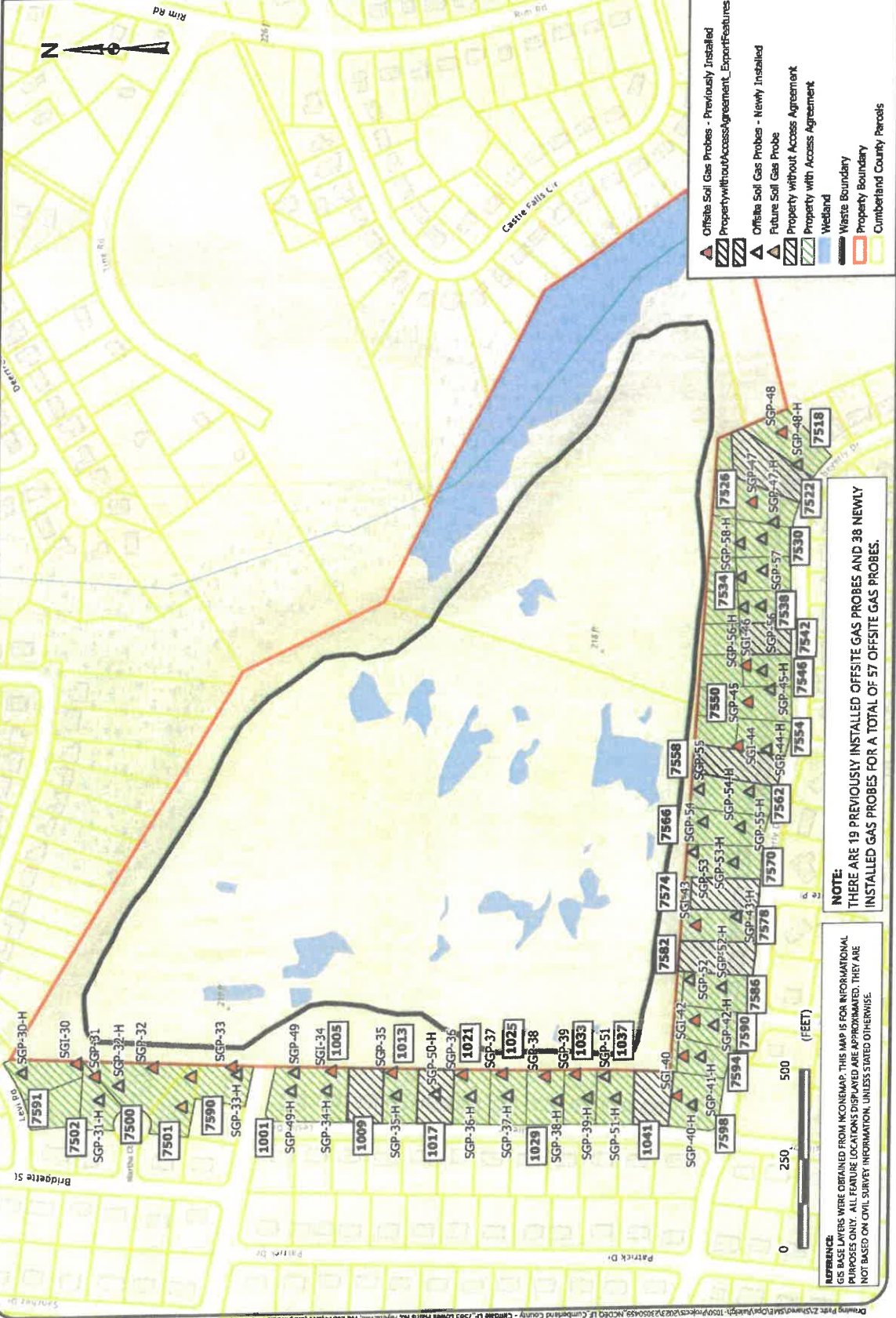




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 NCDEQ ID NCD980502900 TASK ORDER 2900R-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

ADDITIONAL ASSESSMENT ACTIVITIES
OFFSITE SOIL GAS PROBES

SCALE:	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER:	23050459
FIGURE NO.:	3



- Offsite Soil Gas Probes - Previously Installed
- Property without Access Agreement - Expert Features
- Offsite Soil Gas Probe - Newly Installed
- Future Soil Gas Probe
- Property without Access Agreement
- Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

NOTE:
 THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
 INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM ICOMAP. THIS MAP IS FOR INFORMATIONAL
 PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE
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10-Year Battery-Powered Natural Gas Alarm

DD620NV

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Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS not-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

John Adriel Valle & Hien NT Huynh
5766 Cottonbelt Way
FAYETTEVILLE, NC 28314

RE: Methane Detector
7546 Beverly Dr
Parcel: #9486490556

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7546 Beverly Dr) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

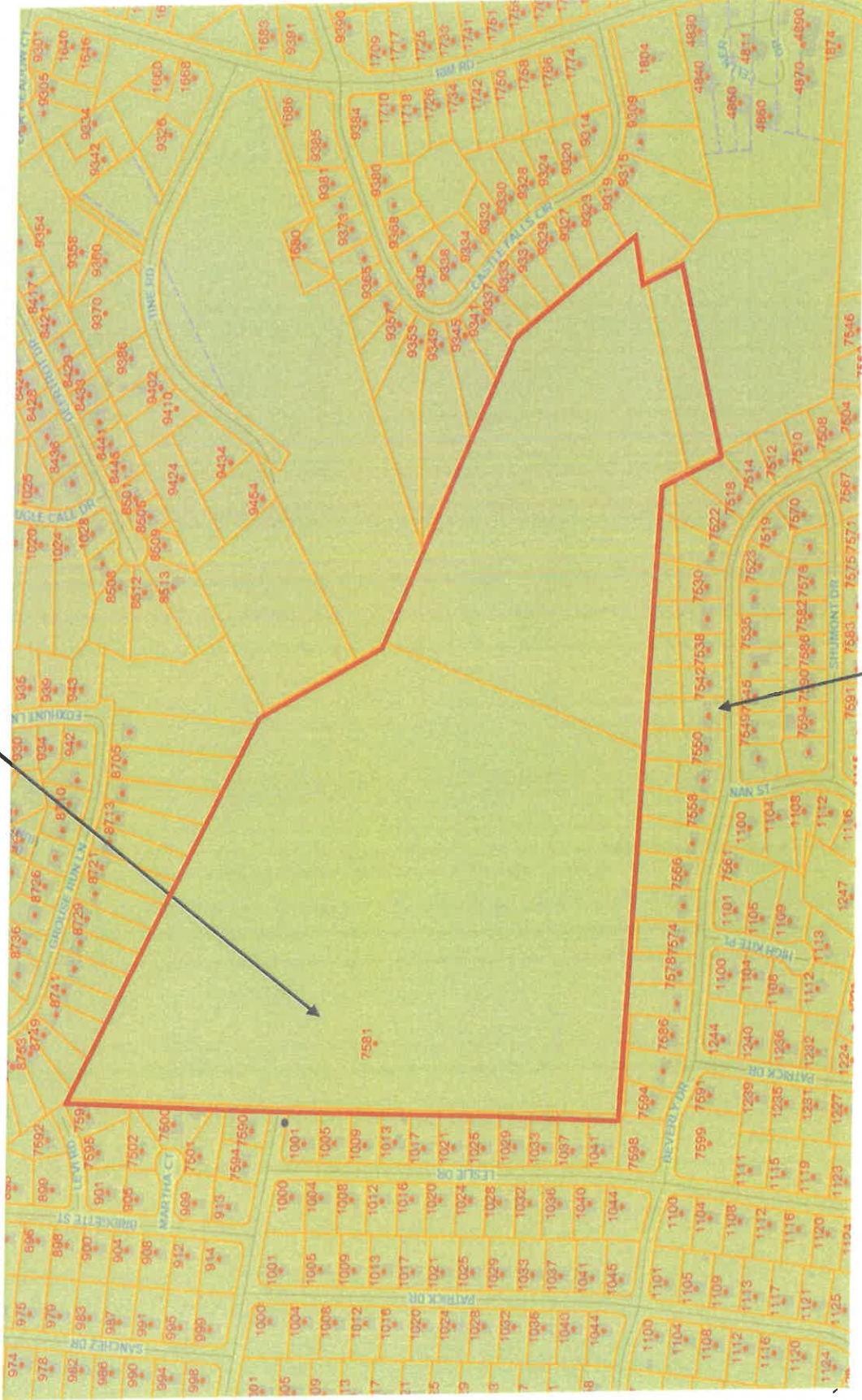
Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 7546 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



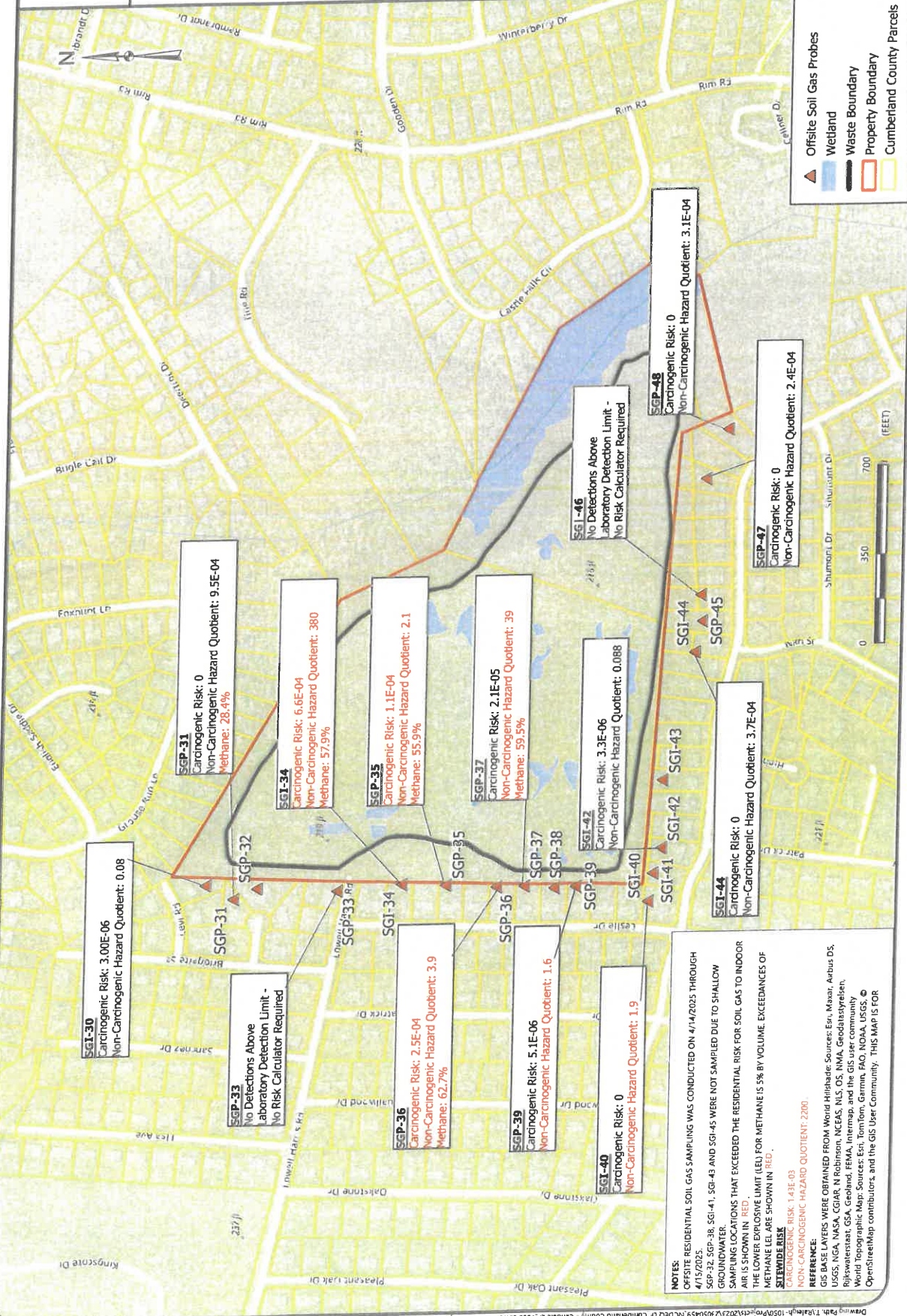
7546 Beverly Drive

FIGURE NO. 1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDCEG ID NCD980502900 TASK ORDER 2900R-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in: 350 feet
 DATE:
6/11/2025
 PROJECT NUMBER
23050459
 FIGURE NO
2



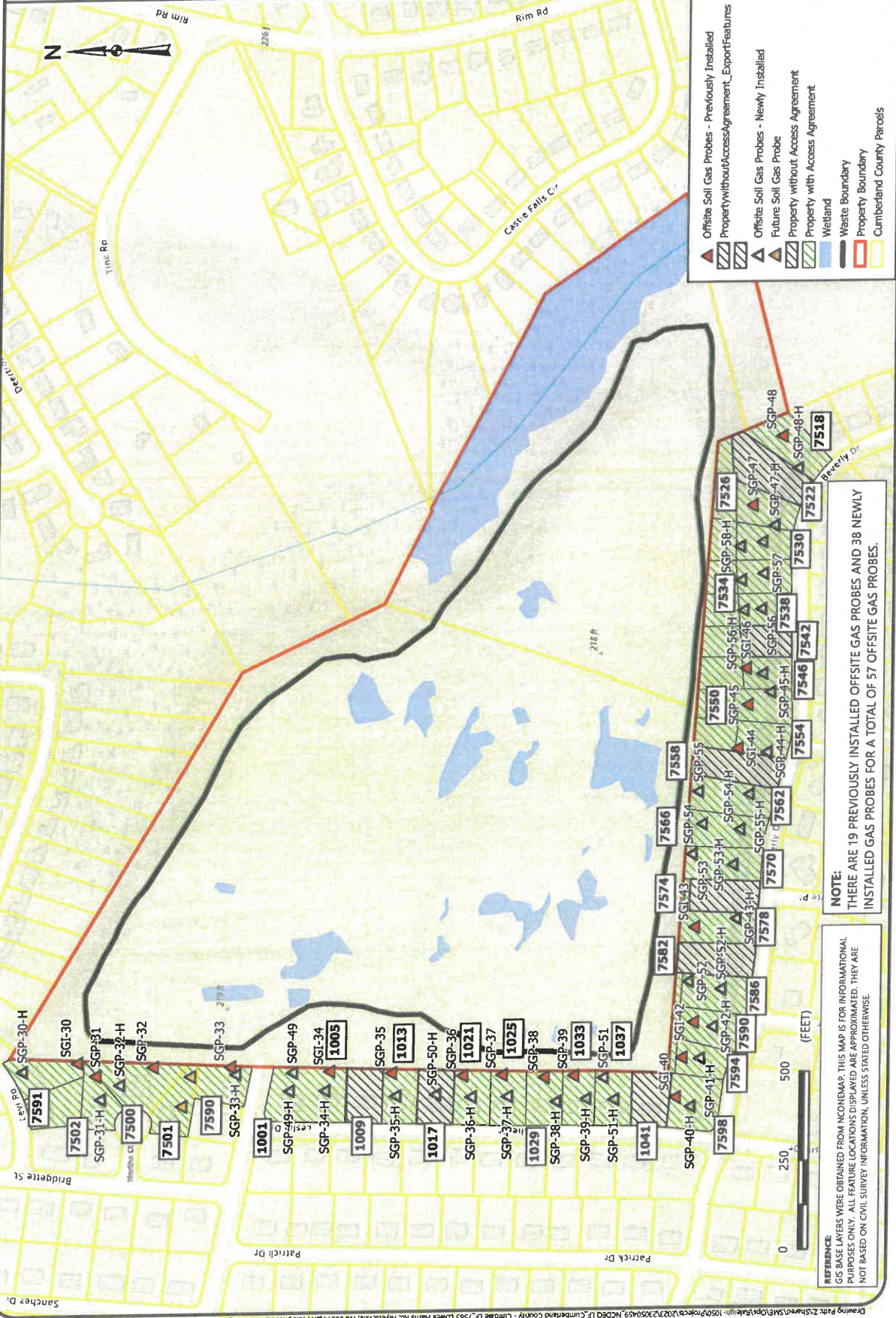
NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/7/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
 SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
 THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
SITEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hipshape: Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, ANMA, Geodatasys/Esri, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community.
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEQ ID NCD9805202900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in = 250 feet
DATE: 9/18/2025
PROJECT NUMBER: 23050459
FIGURE NO.: 3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- ▨ Wetland
- ▬ Waste Boundary
- ▬ Property Boundary
- ▭ Cumberland County Parcels

NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
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REFERENCE:
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10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- 11 minutes more escape time. Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
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- Micro-Electromechanical System (MEMS) sensor technology provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- Virtually eliminates false alarms caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to UL 1484 Standard



Specifications

Model Number	DD620NV
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NC0054 / 11302023

JOSH STEIN
Governor

D. REID WILSON
Secretary

MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

Current Resident
7546 Beverly Dr
Fayetteville, NC 28314

RE: Methane Detector
7546 Beverly Dr
Parcel: #9486490556

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 7546 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7546 Beverly Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

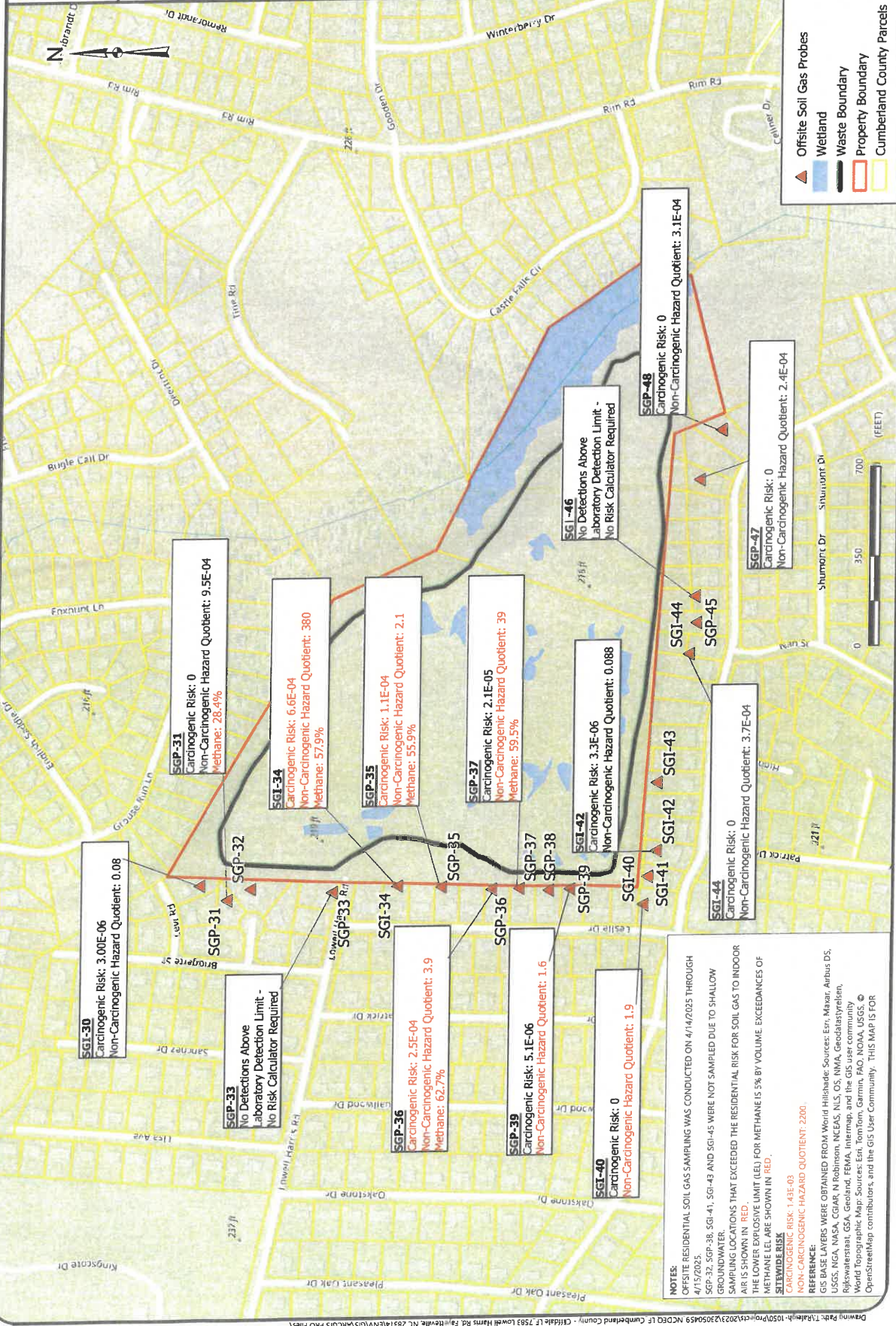
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEQ ID NCD9805202900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

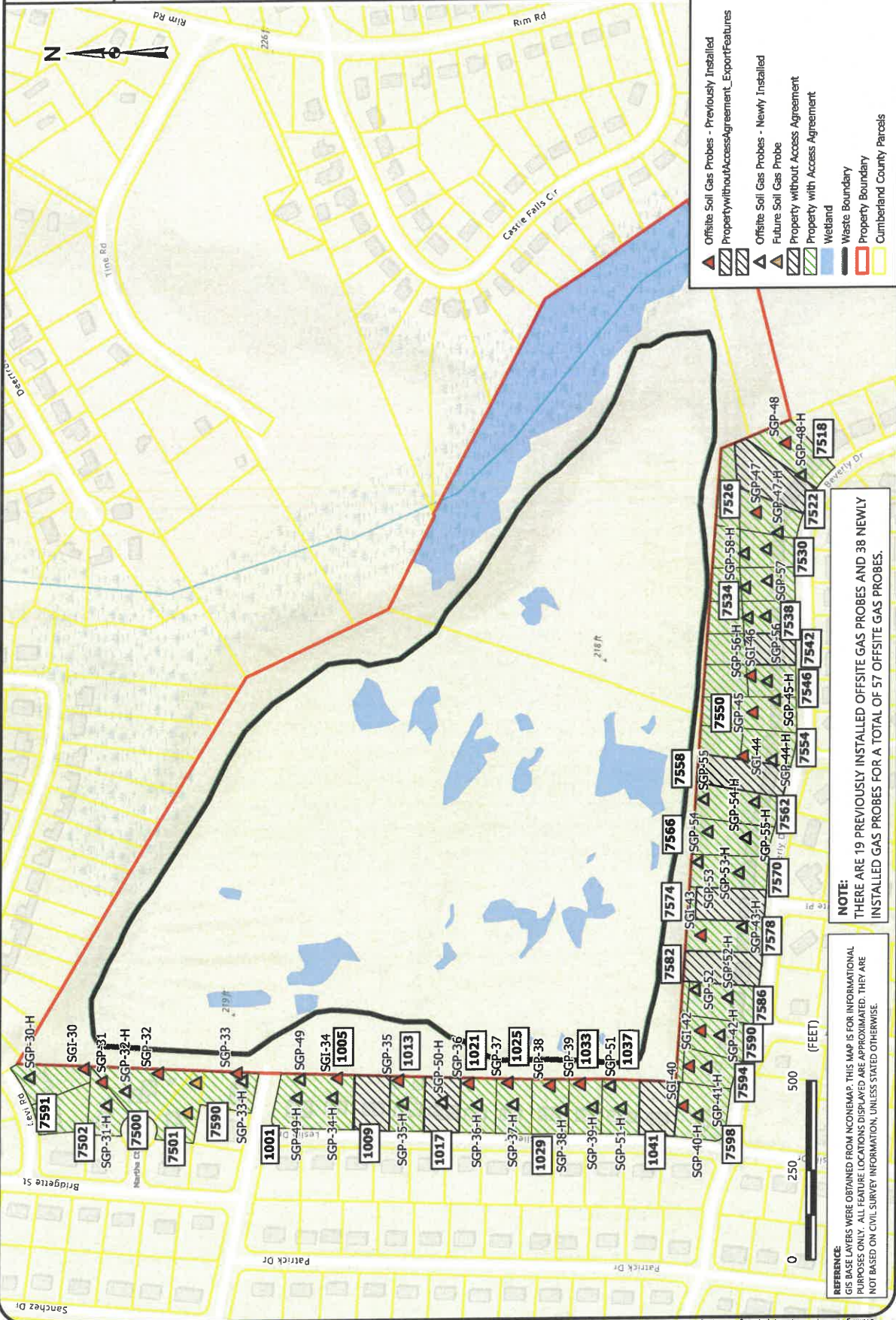
SCALE:
1 in. = 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO
2





OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEN ID NCD980502900 TASK ORDER 2900R1-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
 1 in = 250 feet
 DATE:
 9/18/2025
 PROJECT NUMBER
 23050459
 FIGURE NO.
3

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement
- ▧ Property without Access Agreement - Export Features
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▧ Future Soil Gas Probe
- ▨ Property with Access Agreement
- ▧ Property with Access Agreement
- Blue Wetland
- Black Waste Boundary
- Red Property Boundary
- Yellow Cumberland County Parcels

NOTE:
 THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
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Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

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Features

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- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

MONIKA F SMITH
7590 LOWELL HARRIS RD
FAYETTEVILLE, NC 28314

RE: Methane Detector
7590 LOWELL HARRIS RD
Parcel: #9487219027

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7590 LOWELL HARRIS RD) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

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Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
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Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
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North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Location of 7590 Lowell Harris Road in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7590 Lowell Harris Road

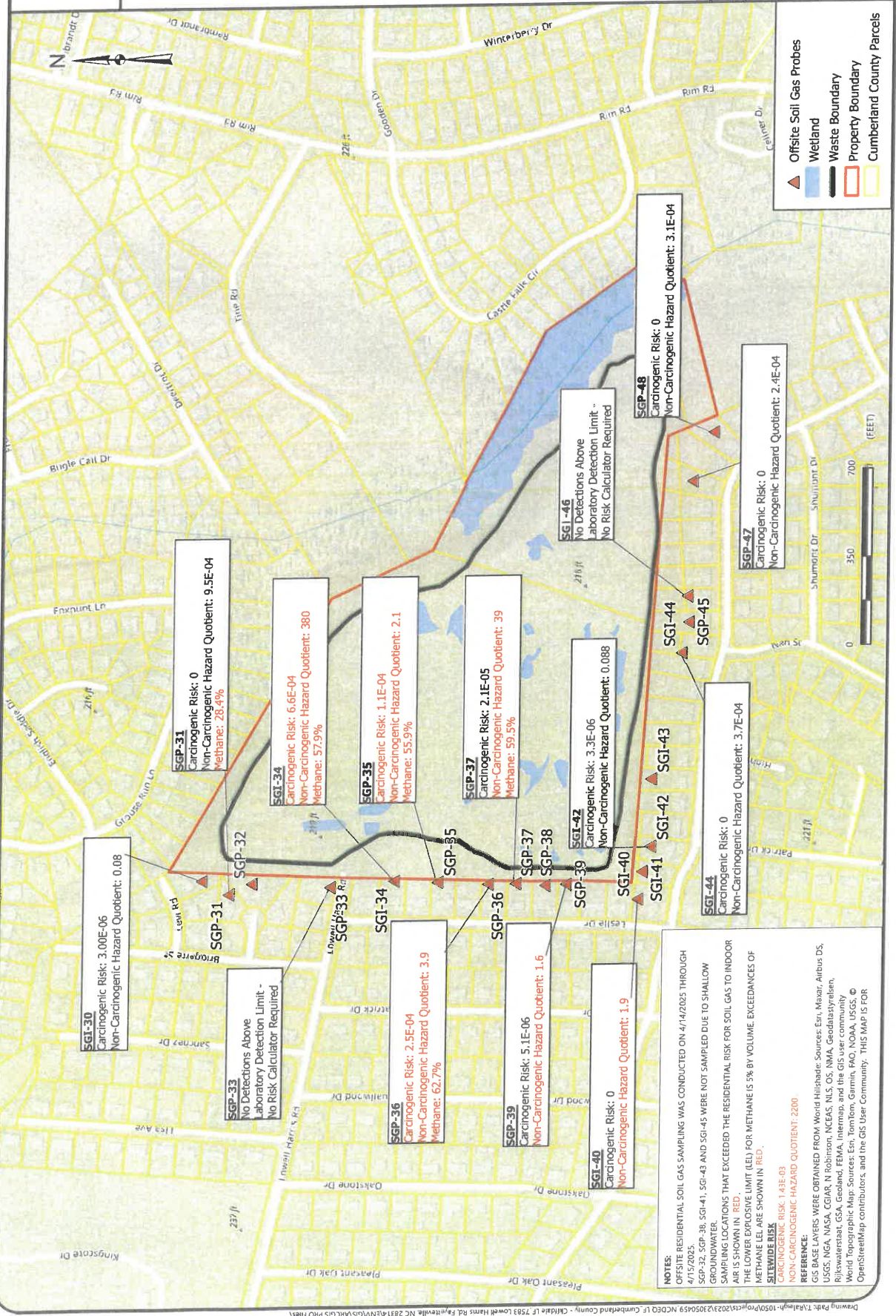
FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NCDEQ980502900 TASK ORDER 2900R-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



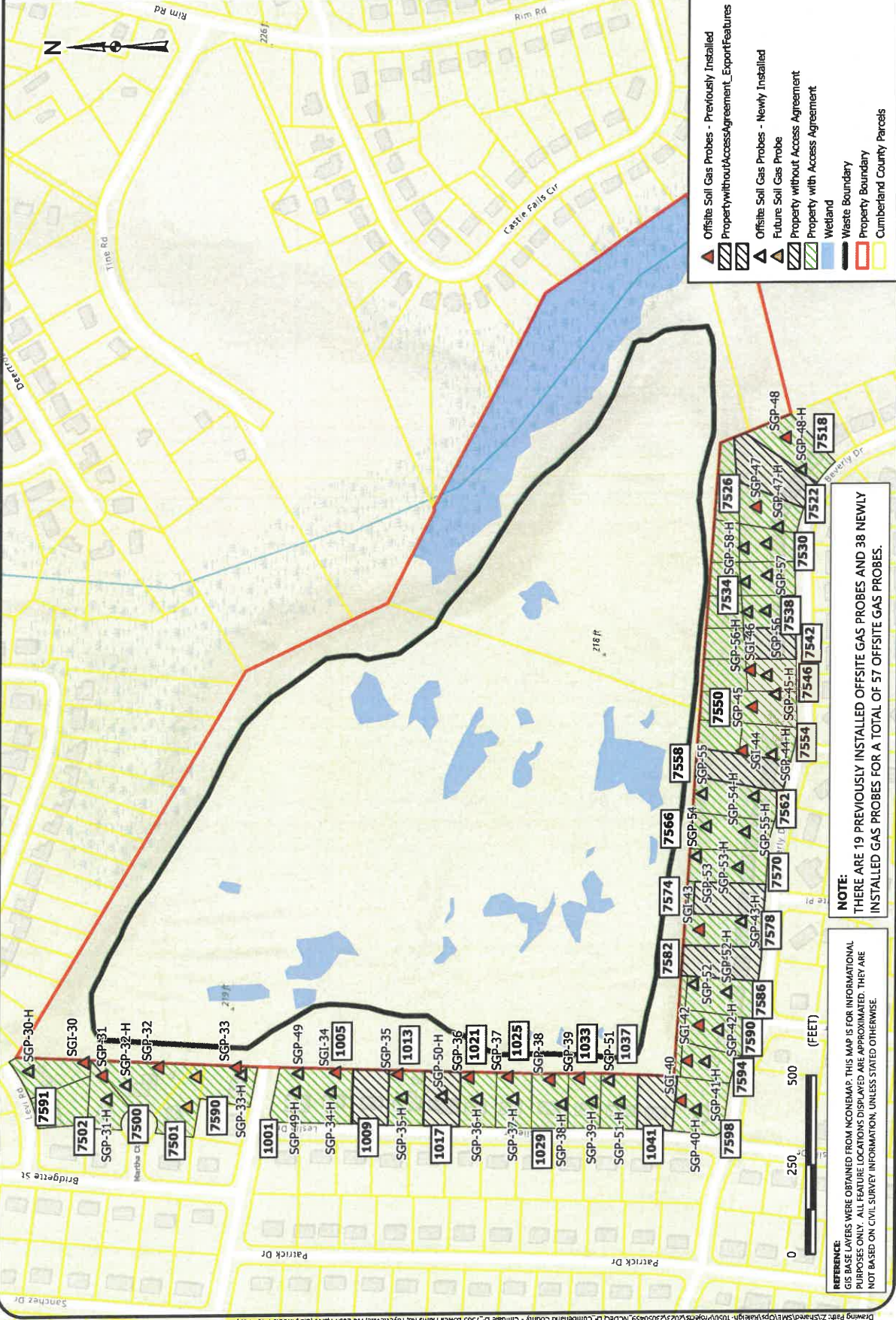
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 World Topographic Map; Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEQ ID NCD980502900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
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FIGURE NO.
3



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Contact us to learn more at
support@denovadetect.com

NC0064 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

VINCENTE & NORMA STITT
7591 LEVI RD
FAYETTEVILLE, NC 28314

RE: Methane Detector
7591 LEVI RD
Parcel: #9487219557

Site: Cumberland County/Cliffdale LF
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ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7591 LEVI RD) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 7591 Levi Road in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



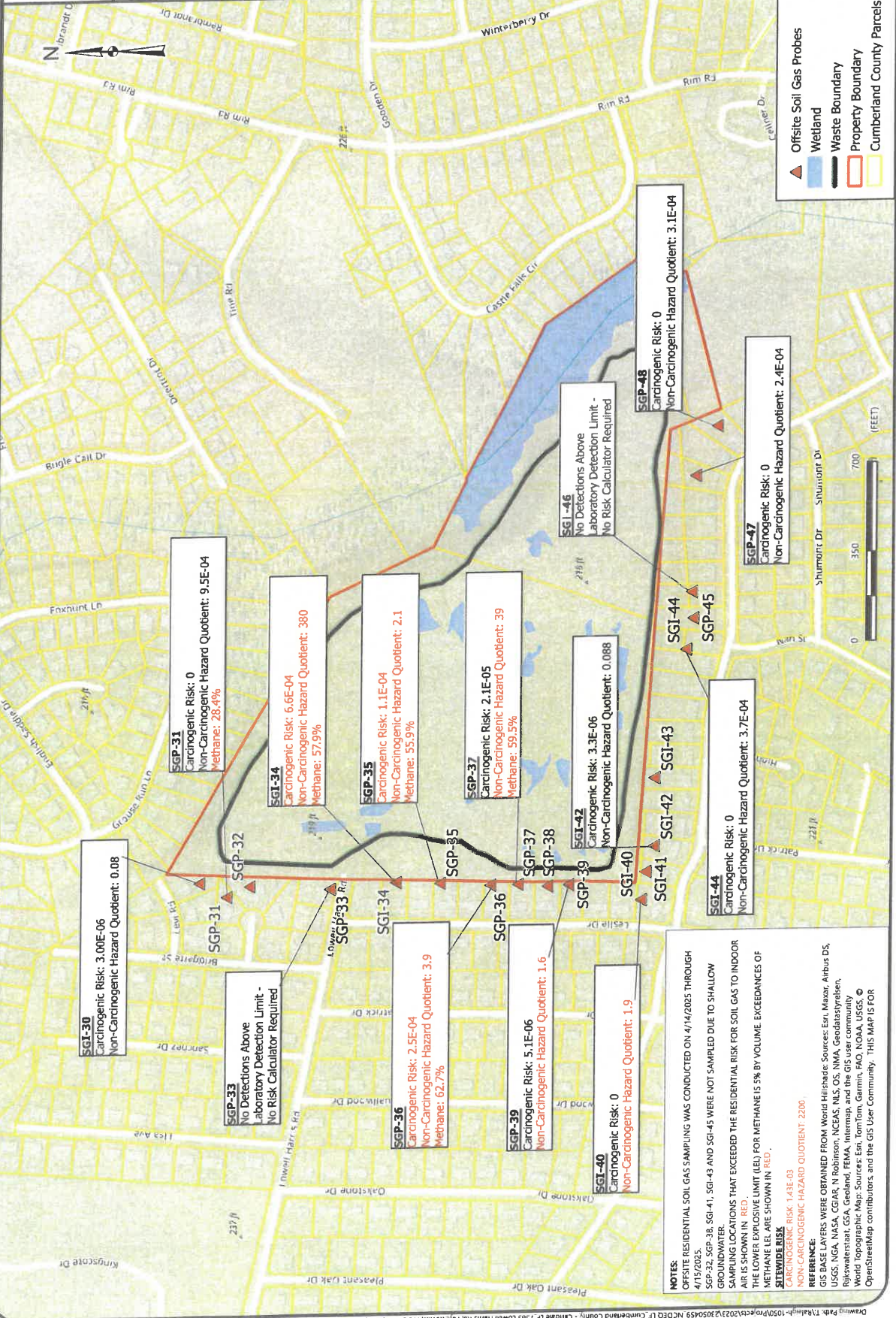
7591 Levi Road

FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NCD980502900 TASK ORDER 2900RI-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



Legend:

- ▲ Offsite Soil Gas Probes
- Wetland
- Waste Boundary
- ▭ Property Boundary
- ▭ Cumberland County Parcels



NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGI-41, SGI-43 AND SGI-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
 SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
 THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
SITEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200

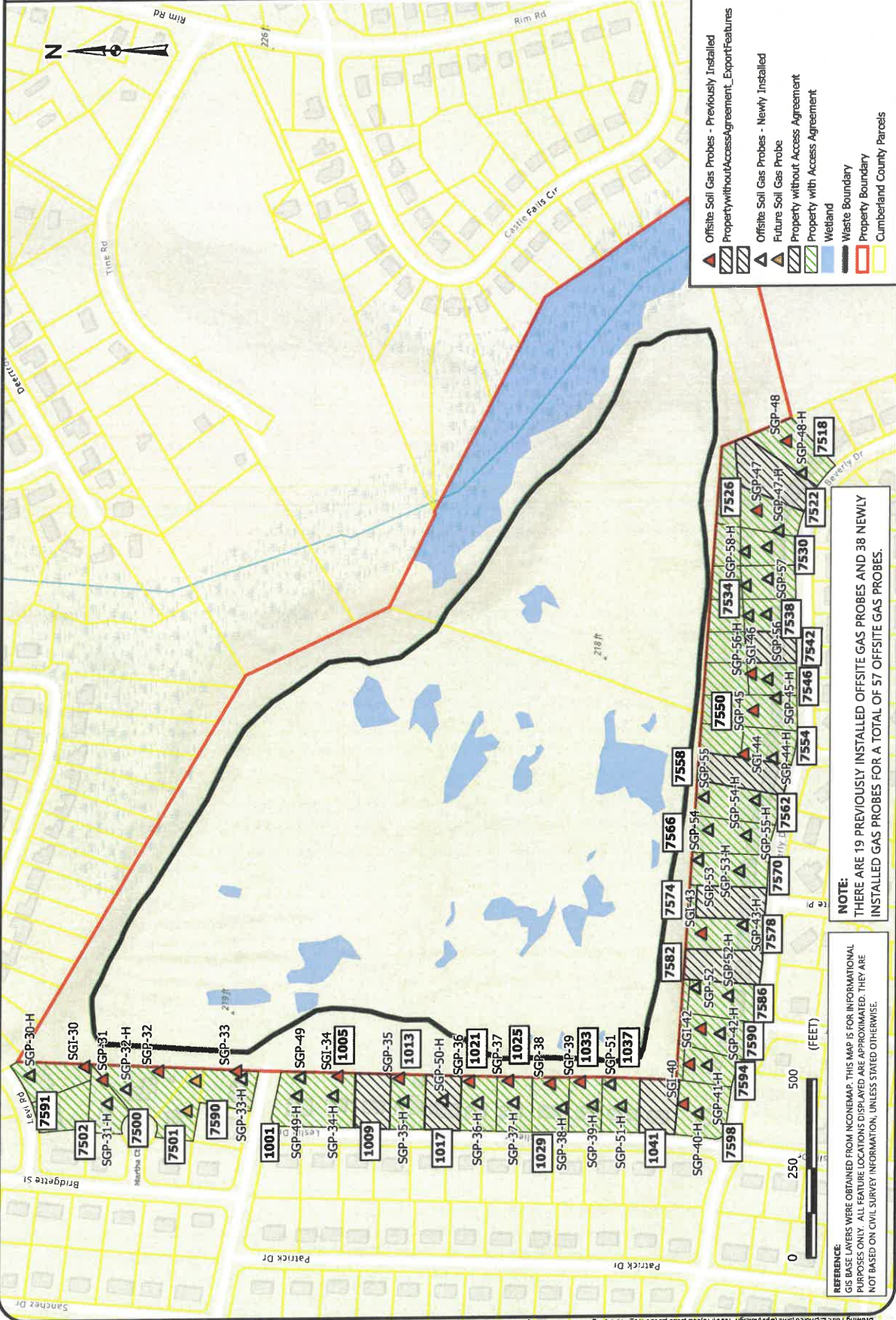
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hillshare: Sources: Esri, Maxar, Airbus DS, USGS, NOAA, NASA, CGAR, N. Robinson, NCEAS, NLS, OS, NMA, Geodatasys/belen, Rijswaterstaat, GSA, Geobase, FEMA, Intermap, and the GIS user community
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEQ ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
23050459
FIGURE NO.
3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement_Export Features
- ▨ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
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NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

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DeNova Detect 10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- 11 minutes more escape time. Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
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- Micro-Electromechanical System (MEMS) sensor technology provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- Virtually eliminates false alarms caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit," is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

FREDERICK M & KIM MONGE
7502 MARTHA CT
FAYETTEVILLE, NC 28314

RE: Methane Detector
7502 MARTHA CT
Parcel: #9487218471

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7502 MARTHA CT) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

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Analee Thornburg, Hydrogeologist
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Superfund Section, Special Remediation Branch

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

Location of 7502 Martha Court in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



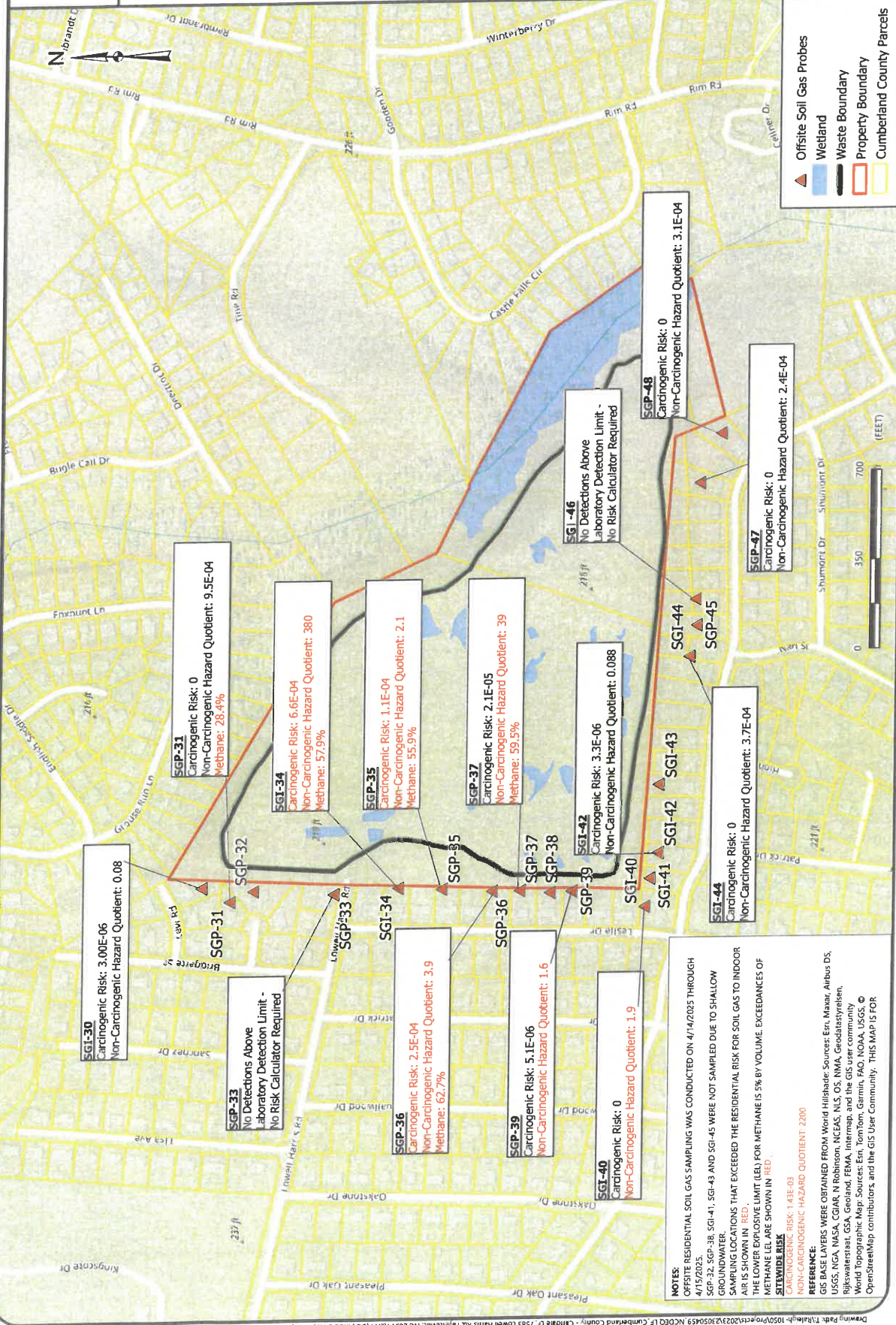
7502 Martha Court



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEDEQ ID NCD980502900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

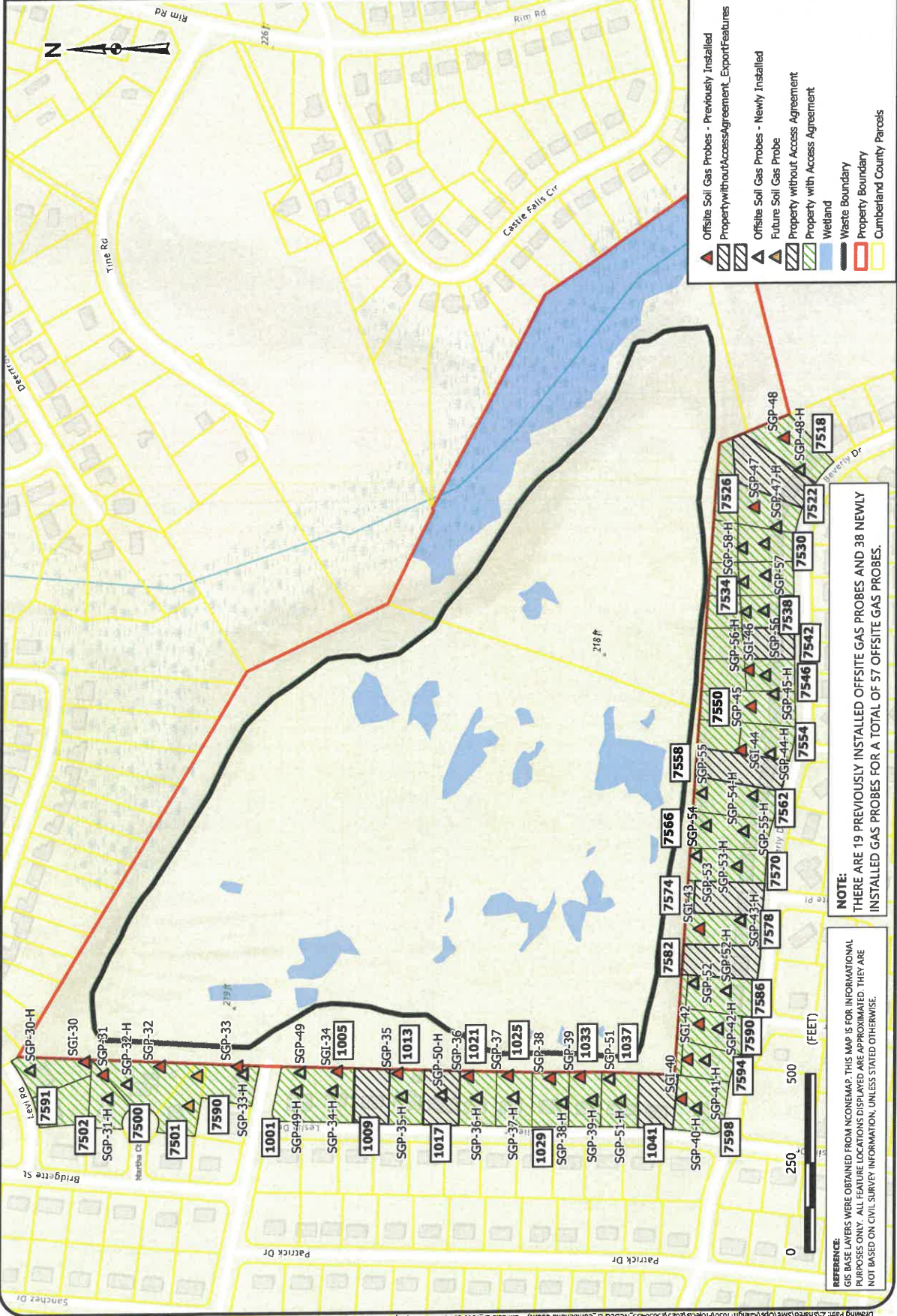
SCALE: 1 in: 350 feet
DATE: 6/11/2025
PROJECT NUMBER: 23050459
FIGURE NO: 2



NOTES:
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STATEWIDE RISK:
CARCINOGENIC RISK: 1.43E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World Hillshade: Sources: Esri, Maxar, Airbus DS, USGS, NOAA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, GeoDataStrephen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR





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10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

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- First and only battery-powered natural gas alarm in the U.S.
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Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

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NC0054 / 11302023

JOSH STEIN

Governor

D. REID WILSON

Secretary

MICHAEL SCOTT

Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

LARRY WILLIAMS
7500 MARTHA CT
FAYETTEVILLE, NC 28314

RE: Methane Detector
7500 MARTHA CT
Parcel: #9487219330

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7500 MARTHA CT) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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

Location of 7500 Martha Court in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7500 Martha Court



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

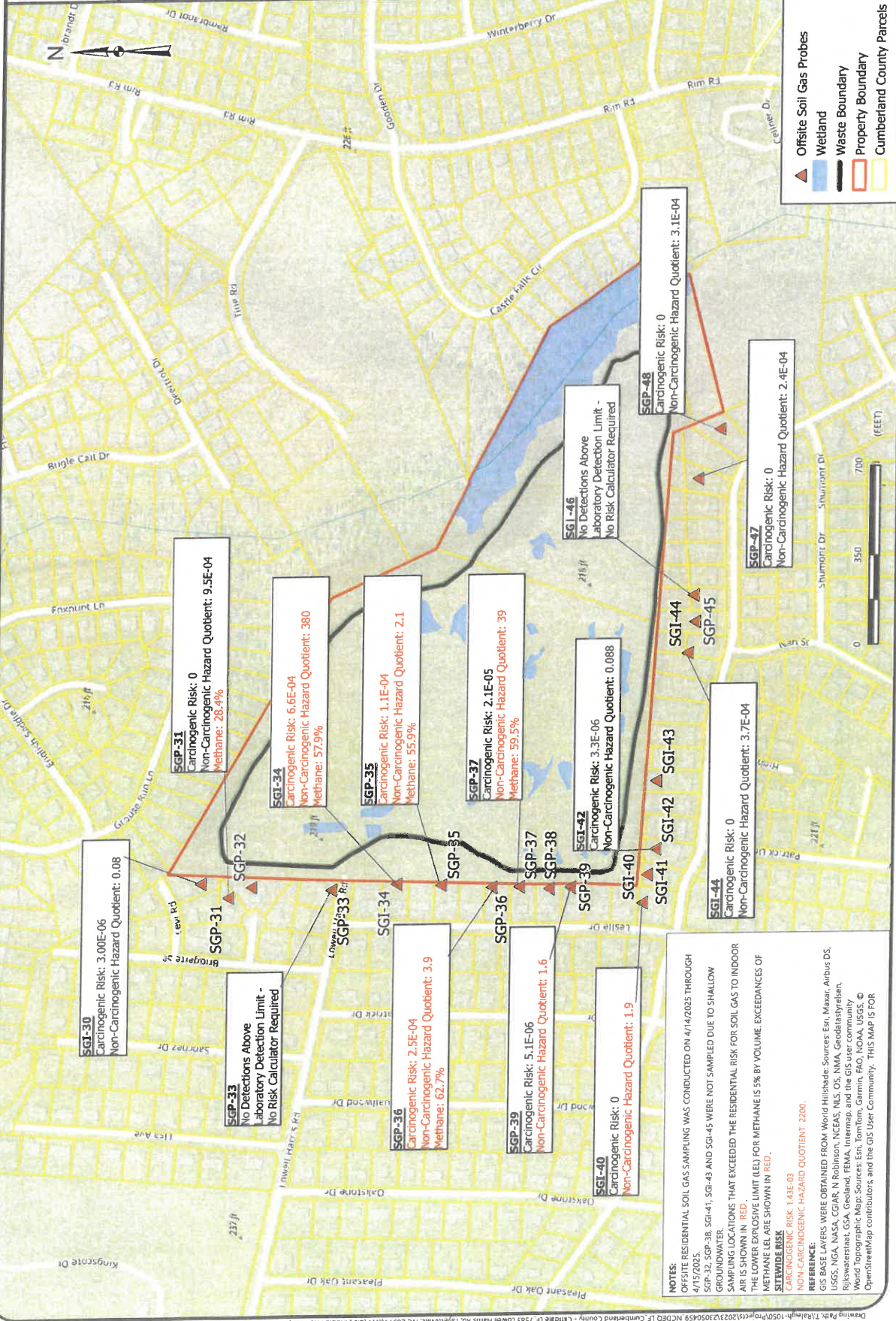
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCEQ ID NCD980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in: 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

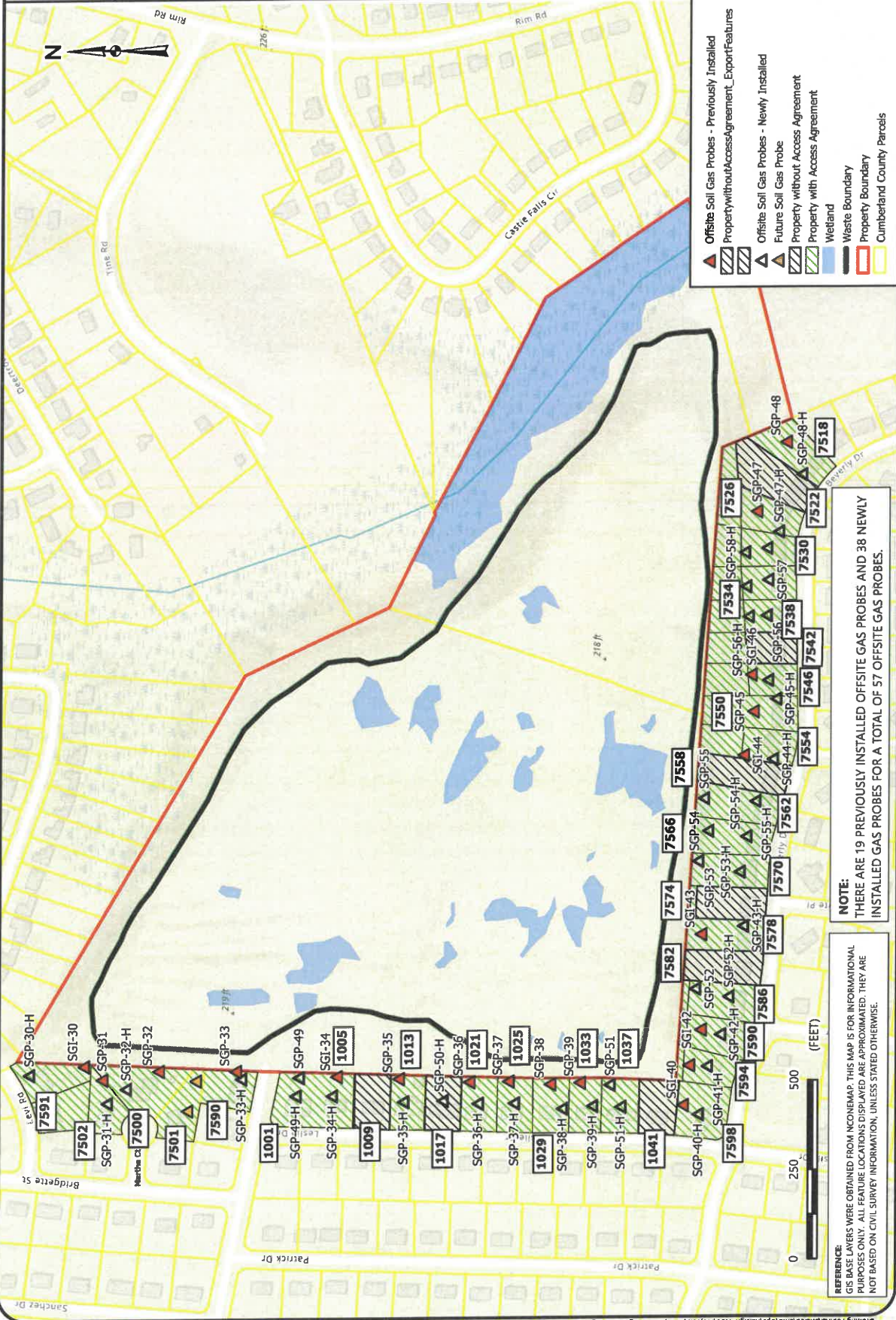
FIGURE NO
2





OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDQG ID NCD980502900 TASK ORDER 2900RI-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
 1 in = 250 feet
 DATE:
 9/18/2025
 PROJECT NUMBER
 23050459
 FIGURE NO.
3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▲ Property without Access Agreement_ExportFeatures
- ▲ Future Soil Gas Probe
- ▲ Property without Access Agreement
- ▲ Property with Access Agreement
- Wetland
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NOTE:
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NC0054 / 11302023

JOSH STEIN
Governor
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Secretary
MICHAEL SCOTT
Director



September 26, 2025

FRANKLIN D TAYLOR
1001 LESLIE DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
1001 LESLIE DR
Parcel: #9487208888

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1001 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

Location of 1001 Leslie Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



1001 Leslie Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDQG ID NCD980502900 TASK ORDER 2900RI-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

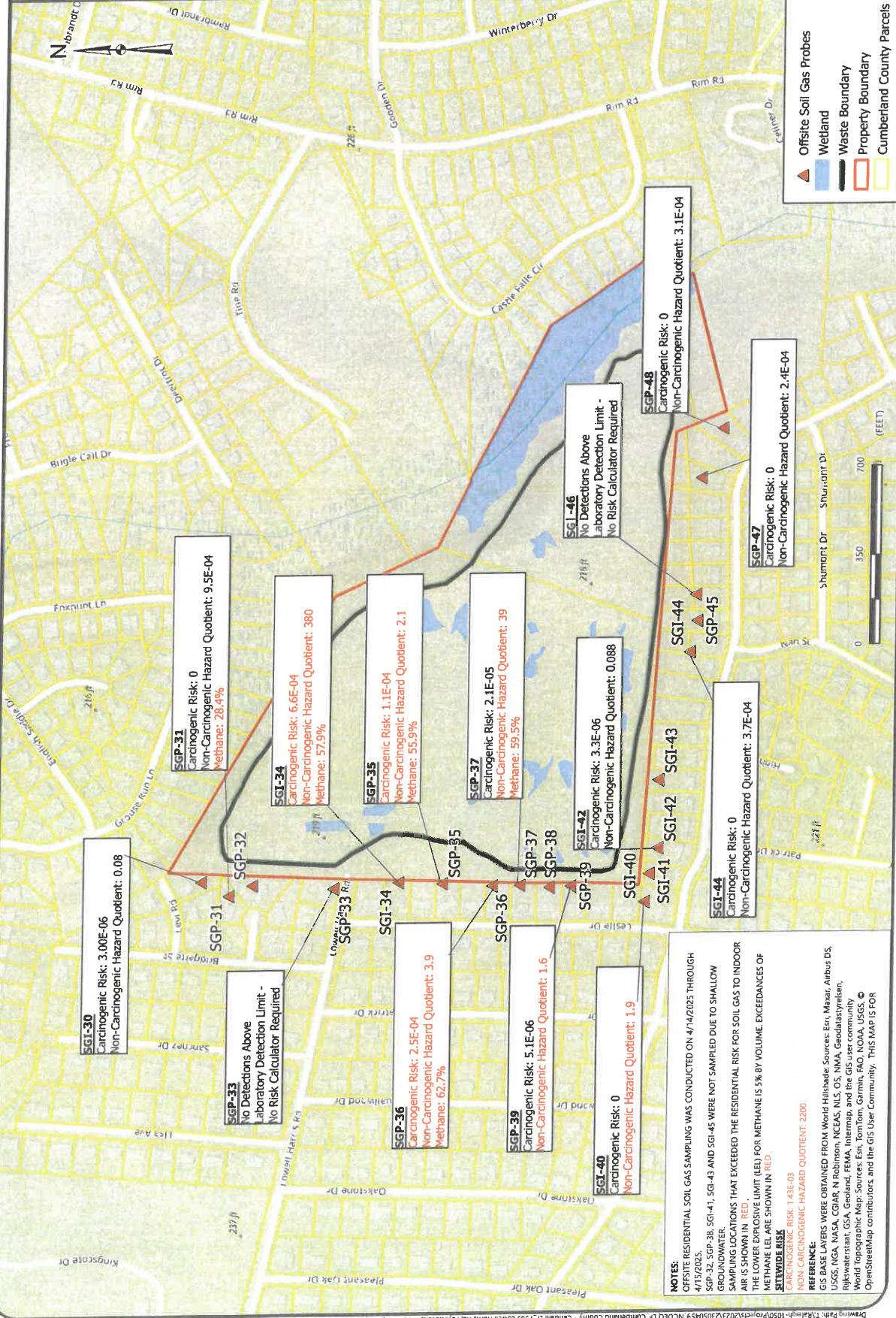
SCALE:
1 in. = 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO

2



NOTES:
OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
SGP-32, SGP-38, SGI-41, SGI-43 AND SGI-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
THE LOWER EXPOSURE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.

SITEWIDE RISK
CARCINOGENIC RISK: 1.43E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World Hillshade; Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGBAR, N Robinson, NCEAS, NLS, OS, NMA, Geoblastasyrien, Iqbalwastat, GSA, Geoland, FEMA, Intermap, and the GIS User community
World Topographic Map; Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEQ ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

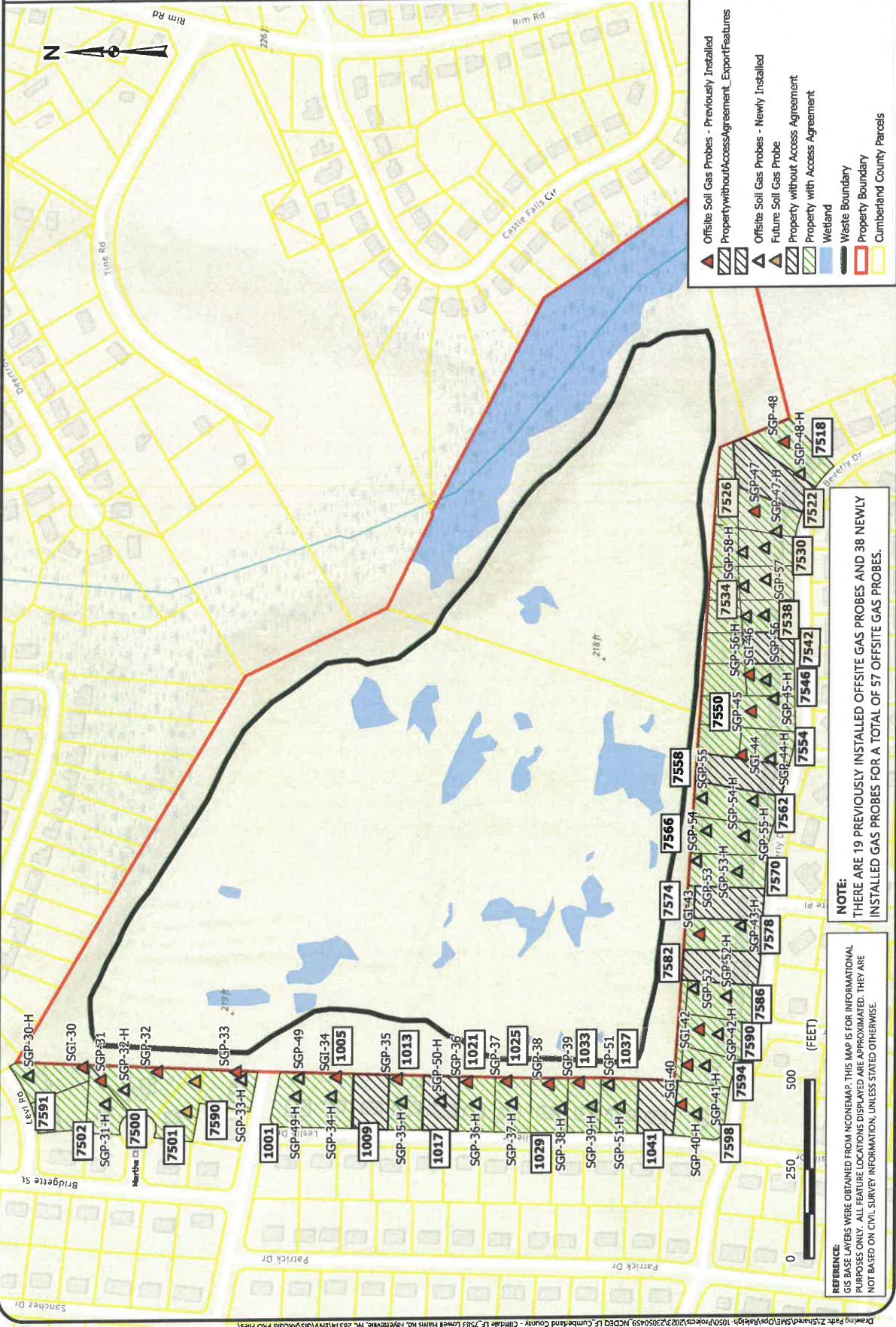
SCALE:
1 in = 250 feet

DATE:
9/18/2025

PROJECT NUMBER
23050459

FIGURE NO.
3

- Offsite Soil Gas Probes - Previously Installed
- Property without Access Agreement - Export Features
- Offsite Soil Gas Probes - Newly Installed
- Future Soil Gas Probe
- Property without Access Agreement
- Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM NCEMAPP. THIS MAP IS FOR INFORMATIONAL
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DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- 11 minutes more escape time. Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- Voice Alerts in English & Spanish announce warnings of natural gas leak: "Danger - Gas Leak Explosion Risk - Evacuate, Then Call 911" "Peligro - riesgo de explosión por fuga de gas - evacuar, luego llamar al 911."
- Self-diagnostics provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- 10-year battery and product service life
- Micro-Electromechanical System (MEMS) sensor technology provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- Virtually eliminates false alarms caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

SAMANTHA MORGAN & STEPHANI VAN TASSEL
1005 LESLIE DRIVE
FAYETTEVILLE, NC 28314

RE: Methane Detector
1005 LESLIE DRIVE
Parcel: #9487208787

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1005 LESLIE DRIVE) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 1005 Leslie Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



1005 Leslie Drive

FIGURE NO. 1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

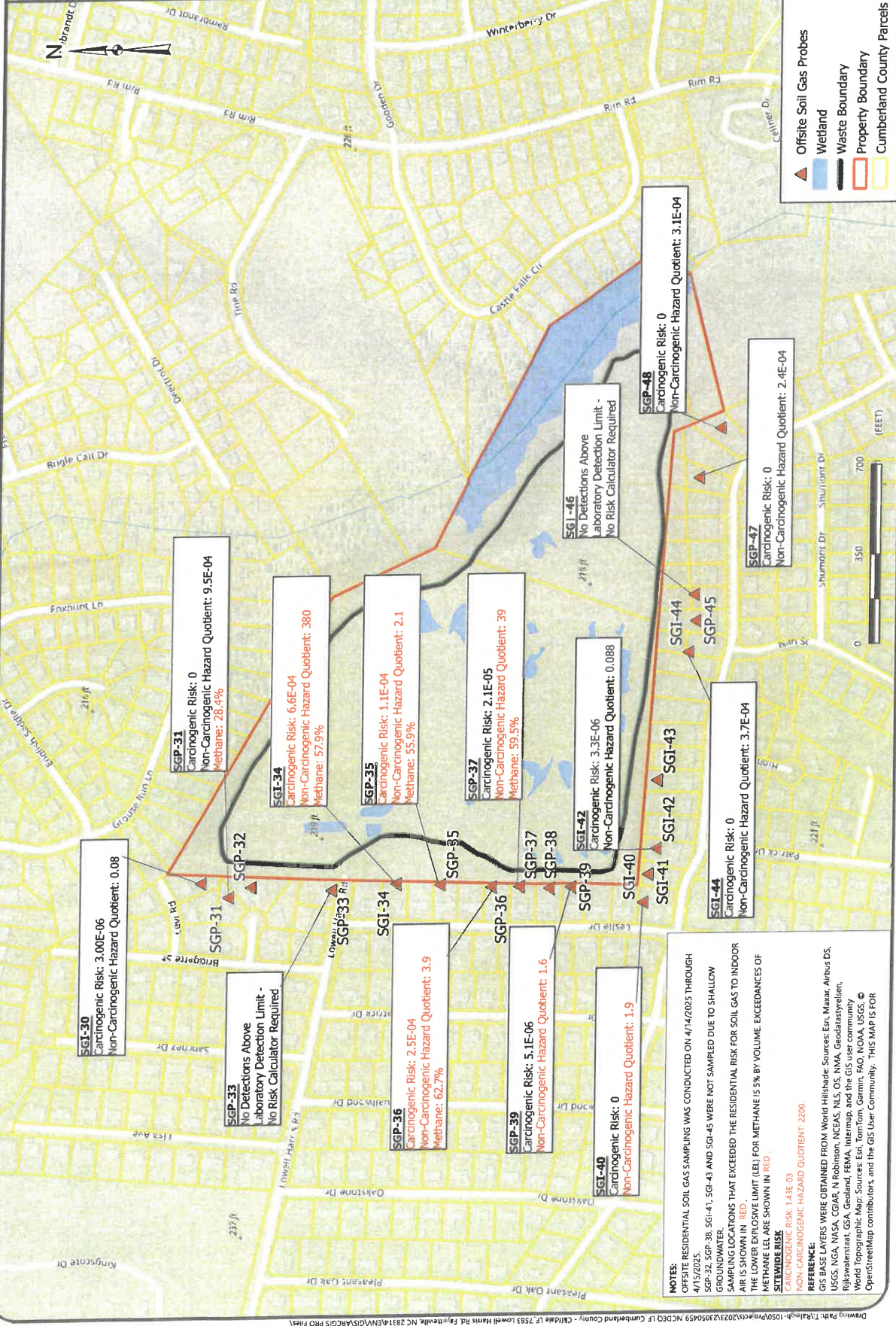
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEQ ID NCD980502900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in: 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO
2



NOTES:
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THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.

STEWARDSHIP RISK: 1.43E-03
CARCINOGENIC RISK: 1.43E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World Hillshade: Source: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N. Robinson, NCEAS, NLS, OS, INMA, GeoDatastylen, followwaterat, GSA, Geoland, FEMA, Intermap, and the GIS user community World Topographic Map: Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

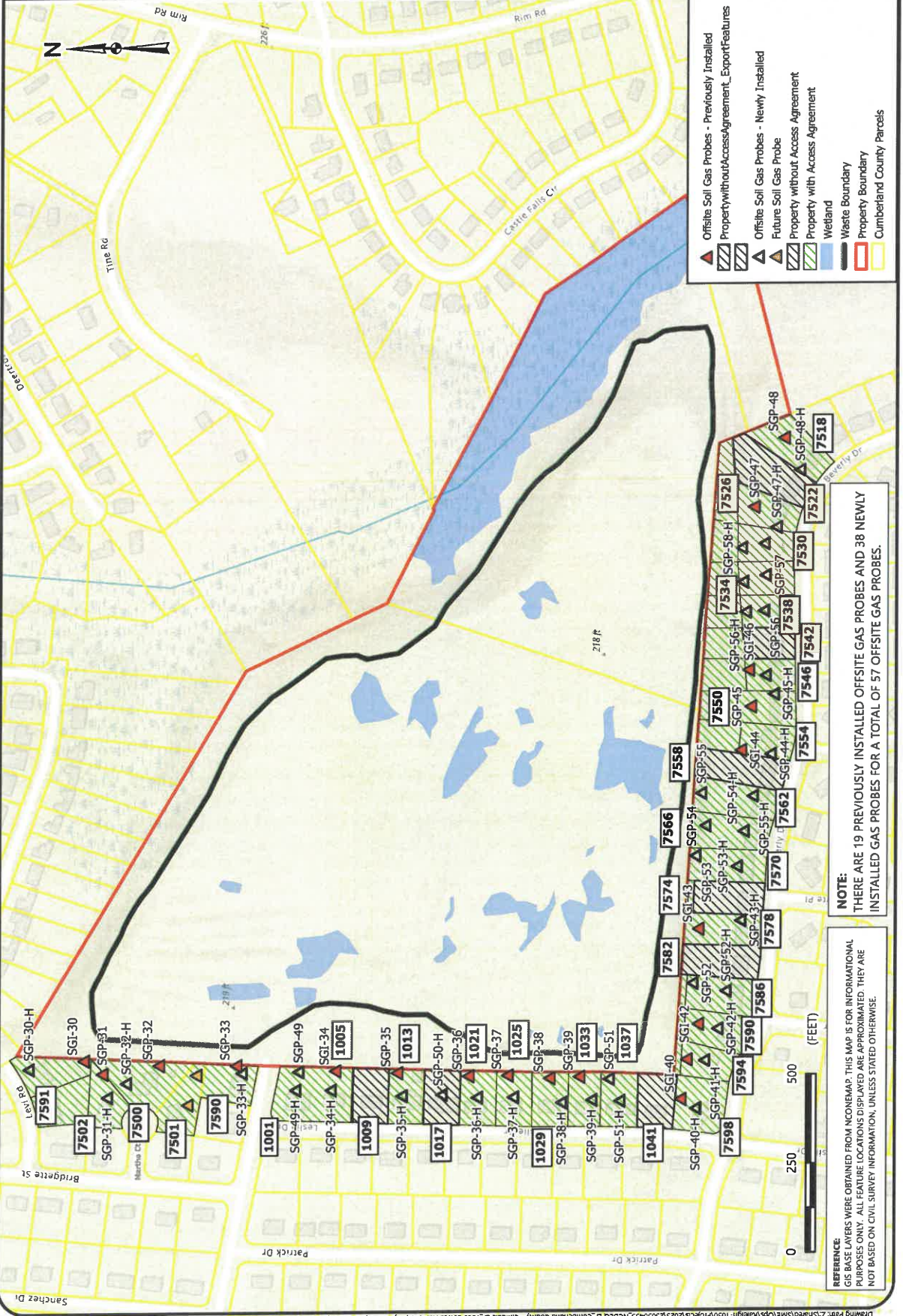
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEG ID NCD980502900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet

DATE:
9/18/2025

PROJECT NUMBER
23050459

FIGURE NO.
3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- ▨ Future Soil Gas Probe
- ▨ Property without Access Agreement
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- Property Boundary
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NOTE:
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0 250 500 (FEET)



DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- 11 minutes more escape time. Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
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- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

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Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

LESTER P HOLMES & ROVENIA R TODDLE HOLMES
1013 LESLIE DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
1013 LESLIE DR
Parcel: #9487208587

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1013 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

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The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 1013 Leslie Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



1013 Leslie Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEQ ID NCD980502900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

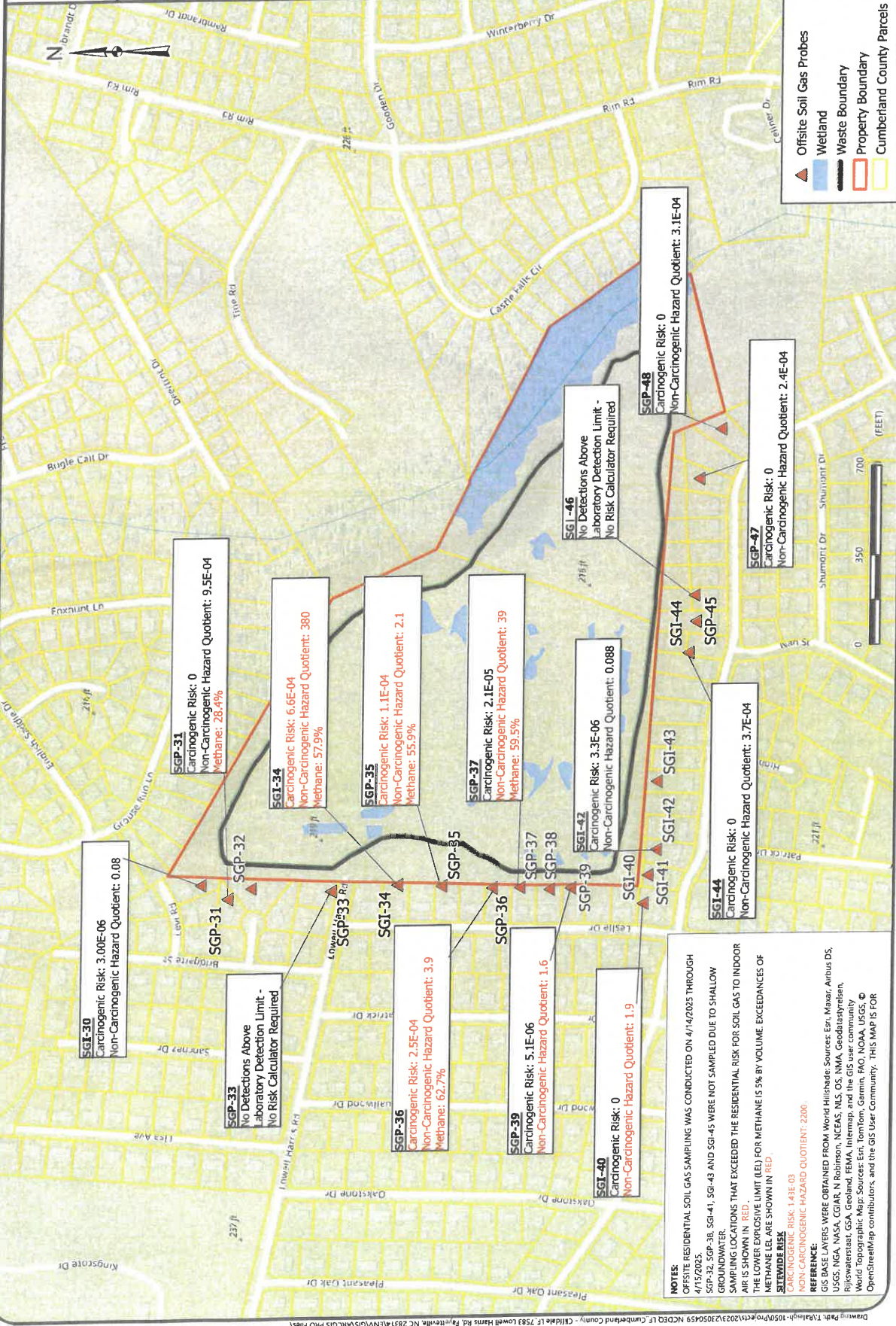
SCALE:
1 in: 350 feet

DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO

2



NOTES:
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SITEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hillshade: Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatasystellen, Rijswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
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DD620NV

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Specifications

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Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
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Alarm level	10% LEL*
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Contact us to learn more at
support@denovadetect.com

NC0064 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

STEVEN E & KYONG H MILLER
1017 LESLIE DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
1017 LESLIE DR
Parcel: #9487208478

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1017 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
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Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
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Map showing current additional assessment activities (Figure 3)



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

Location of 1017 Leslie Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



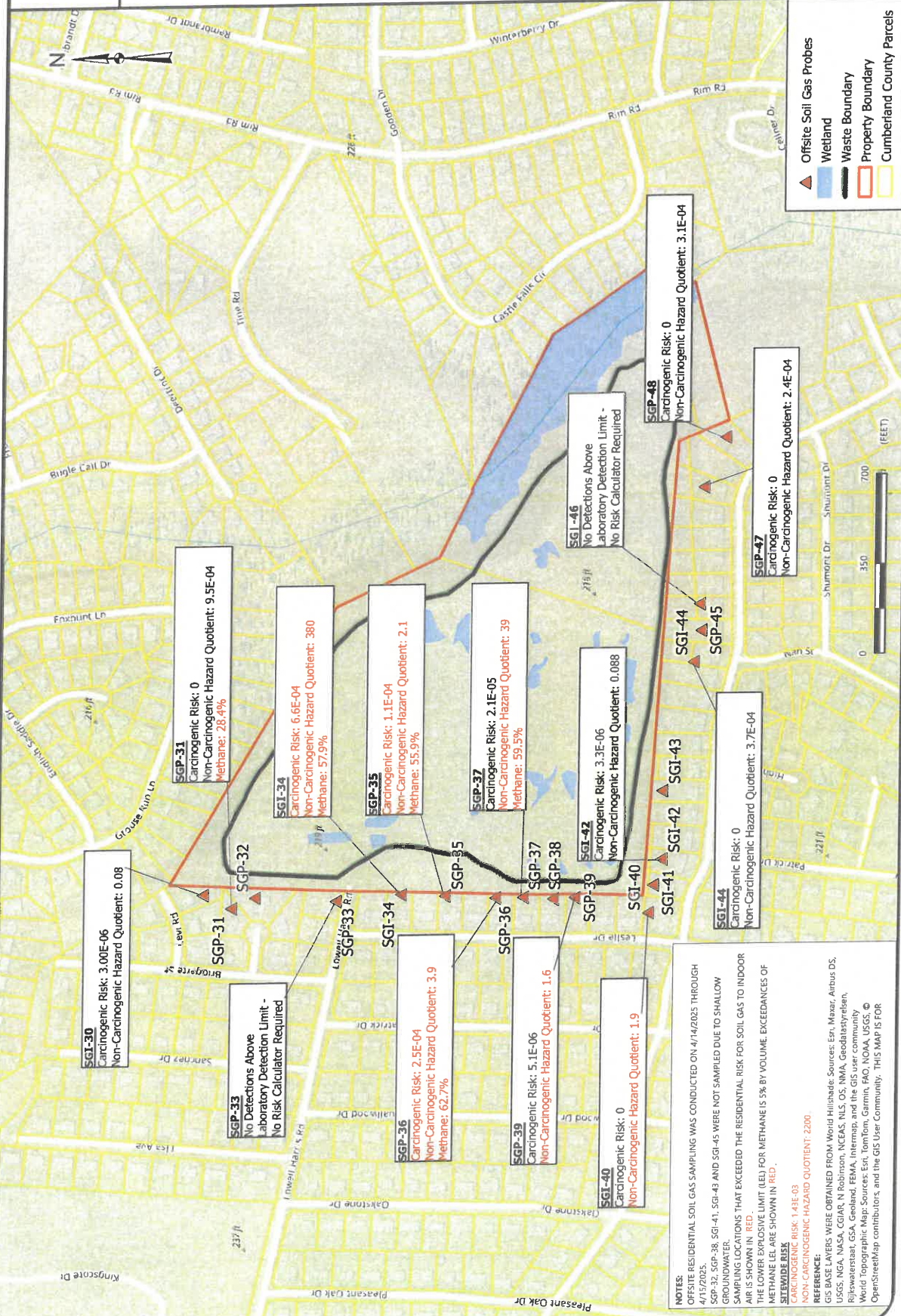
1017 Leslie Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEQ ID NCD98052900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
DATE: 6/11/2025
PROJECT NUMBER: 23050459
FIGURE NO: 2



NOTES:
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REFERENCE:
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NCDG ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

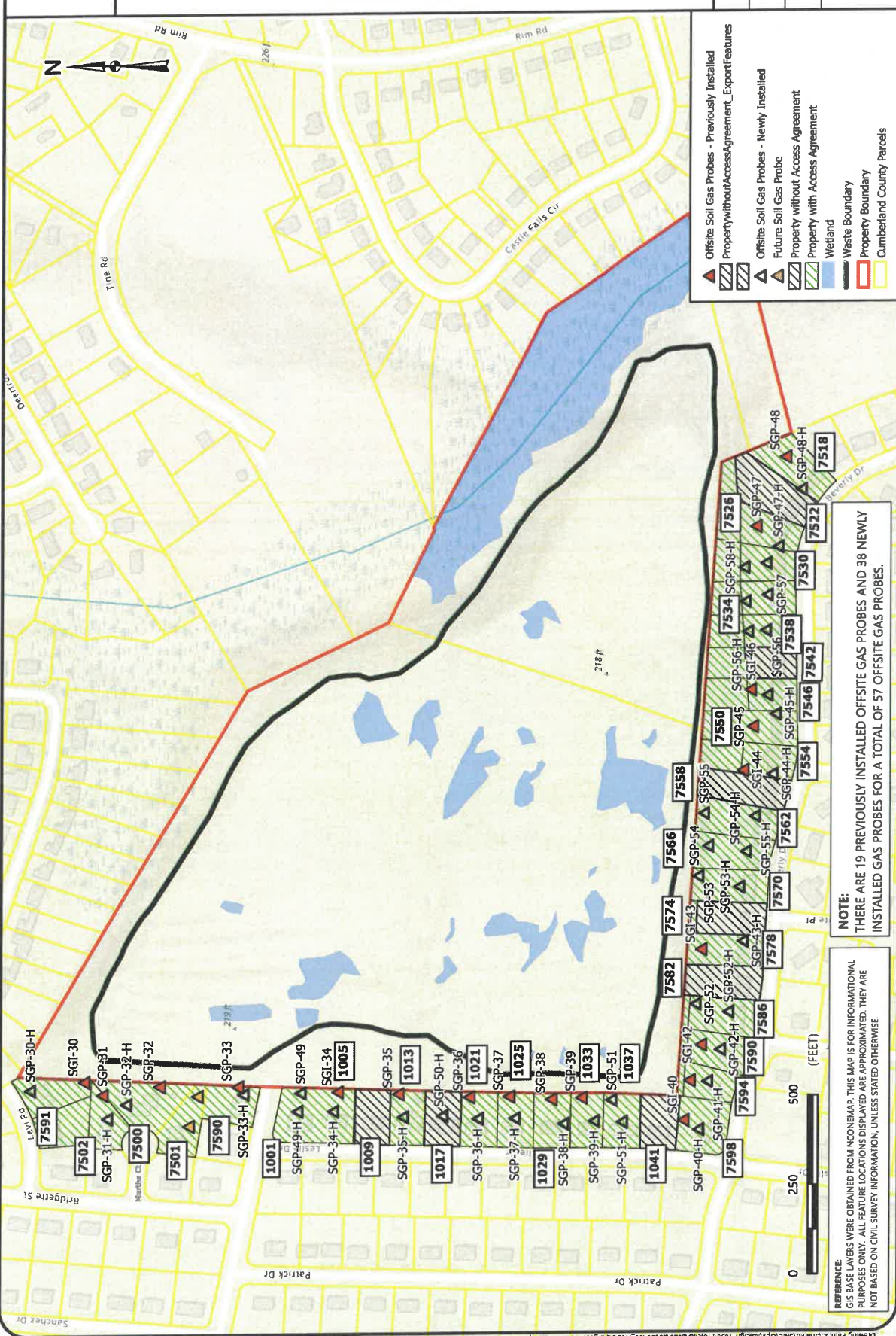
SCALE:
1 in = 250 feet

DATE:
9/18/2025

PROJECT NUMBER
23050459

FIGURE NO.
3

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▲ Property without Access Agreement
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▲ Property without Access Agreement
- ▲ Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM NCEM&P. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.



DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- **100% Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- **Voice Alerts in English & Spanish** announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- **10-year battery and product service life**
- **Micro-Electromechanical System (MEMS) sensor technology** provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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Smarter Gas Leak Safety

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Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

CARLOS GUILLERMO GOMEZ
1025 LESLIE DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
1025 LESLIE DR
Parcel: #9487208277

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1025 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Location of 1025 Leslie Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



1025 Leslie Drive

FIGURE NO. 1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

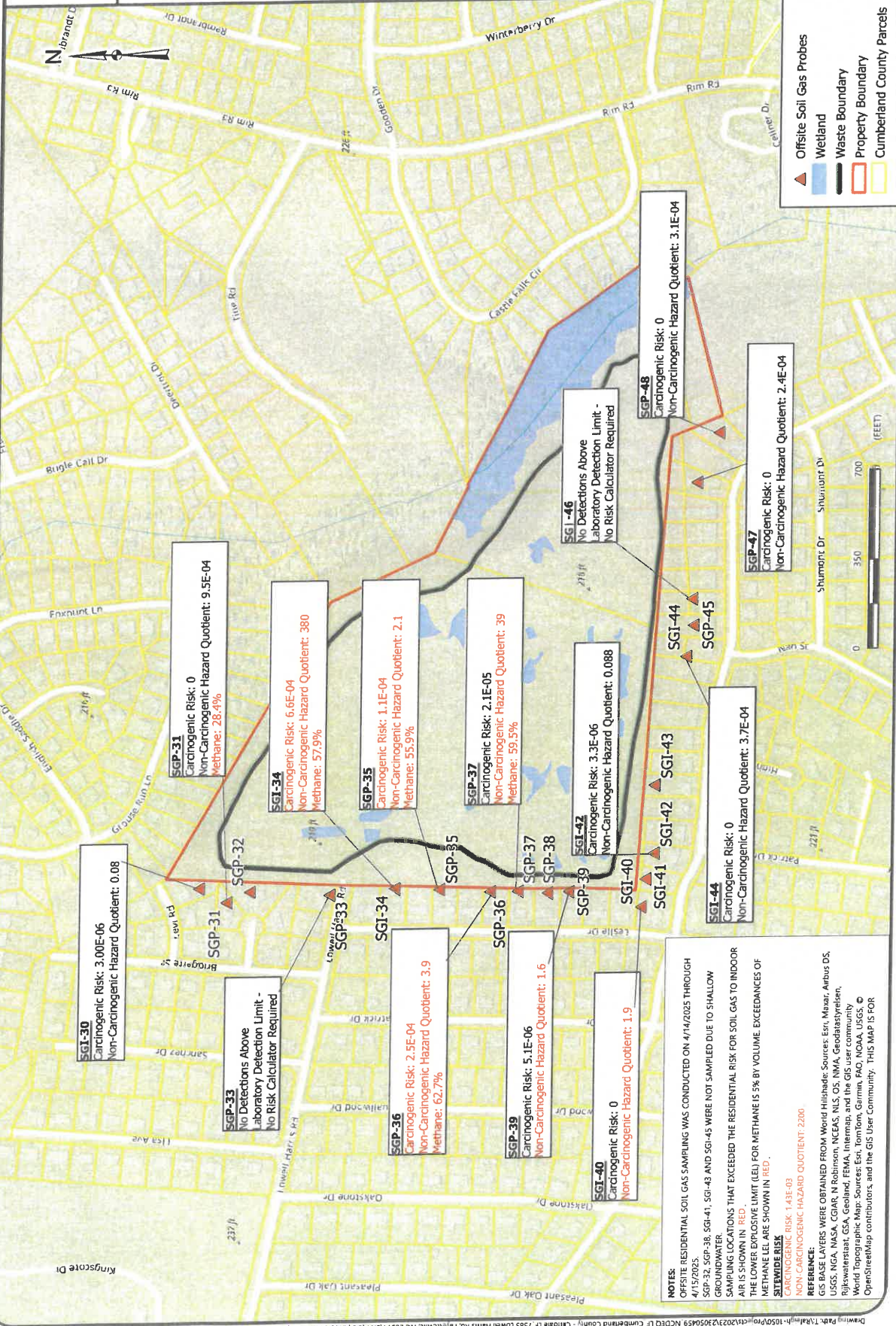
CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NC980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
 1 in: 350 feet

DATE:
 6/11/2025

PROJECT NUMBER
 23050459

FIGURE NO
2



NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
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SITEMAP RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hillshade, Sources: Esri, Maxar, Airbus DS, USGS, NGA, NGA, CGAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastyleisen, Rijswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR

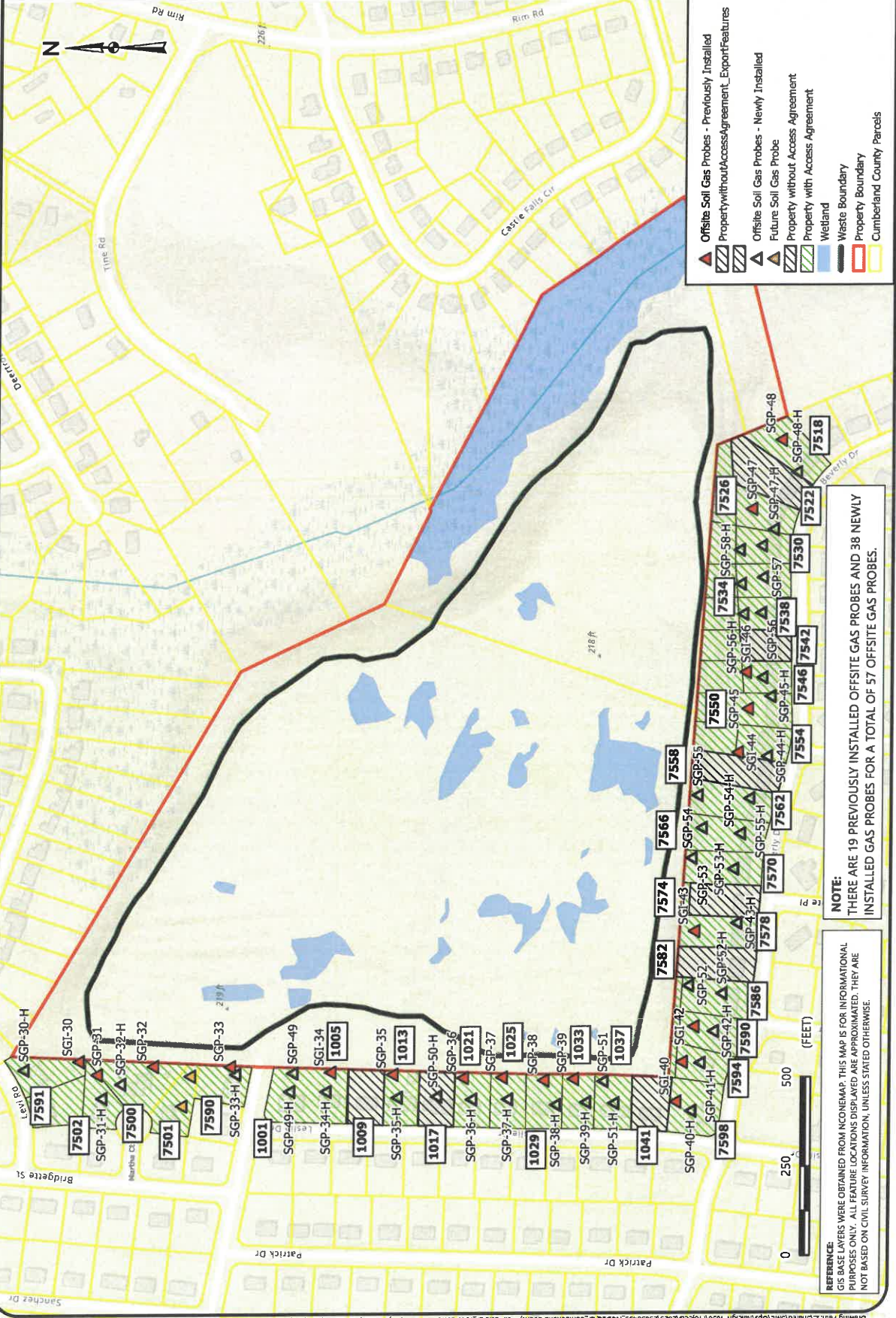


OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDCE ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER:
23050459
FIGURE NO.
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- ▨ Property without Access Agreement_ExportFeatures
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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

ANNIE P CARTER
1029 LESLIE DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
1029 LESLIE DR
Parcel: #9487208177

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1029 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

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Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

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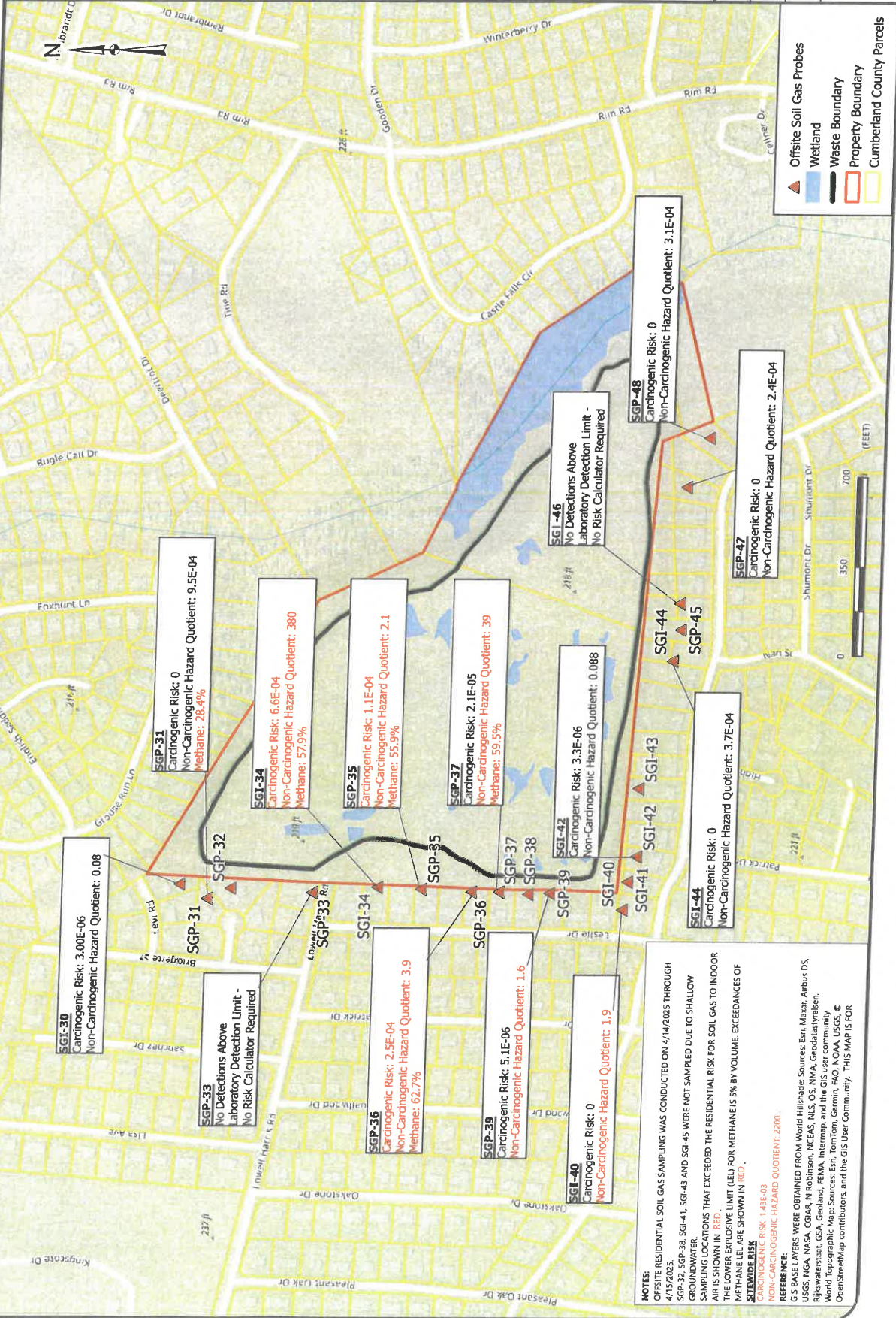


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919.707.8200

Location of 1029 Leslie Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



1029 Leslie Drive



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STANDARD RISK:
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200

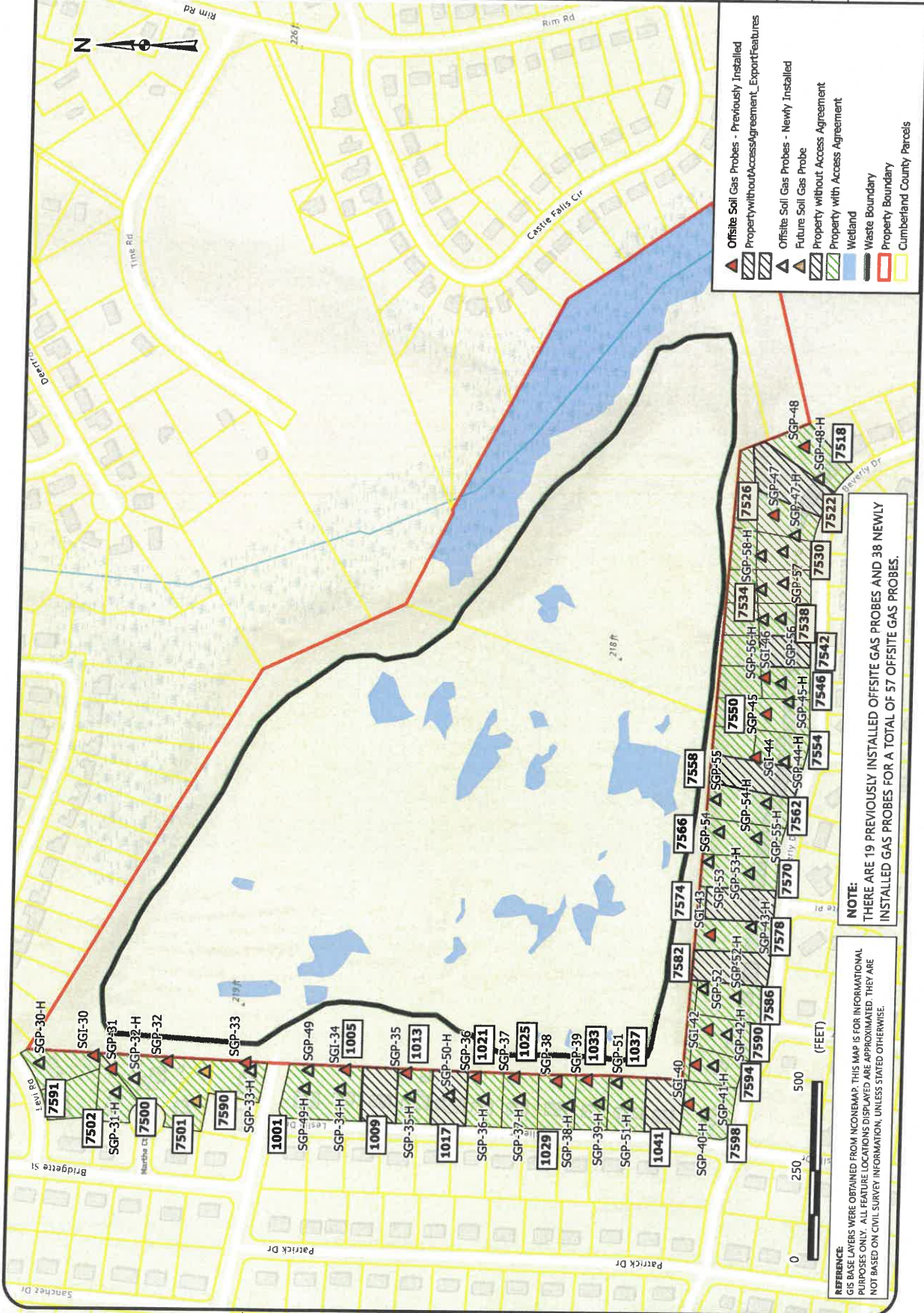
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 World Topographic Map: Sources: Esri, TomTom, Garmin, FMO, NOKA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEQ ID NCD98052900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER:	23050459
FIGURE NO.:	3



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NC0054 / 11302023

JOSH STEIN
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MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

ANDREW L JONES
1033 LESLIE DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
1033 LESLIE DR
Parcel: #9487208068

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

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Location of 1033 Leslie Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



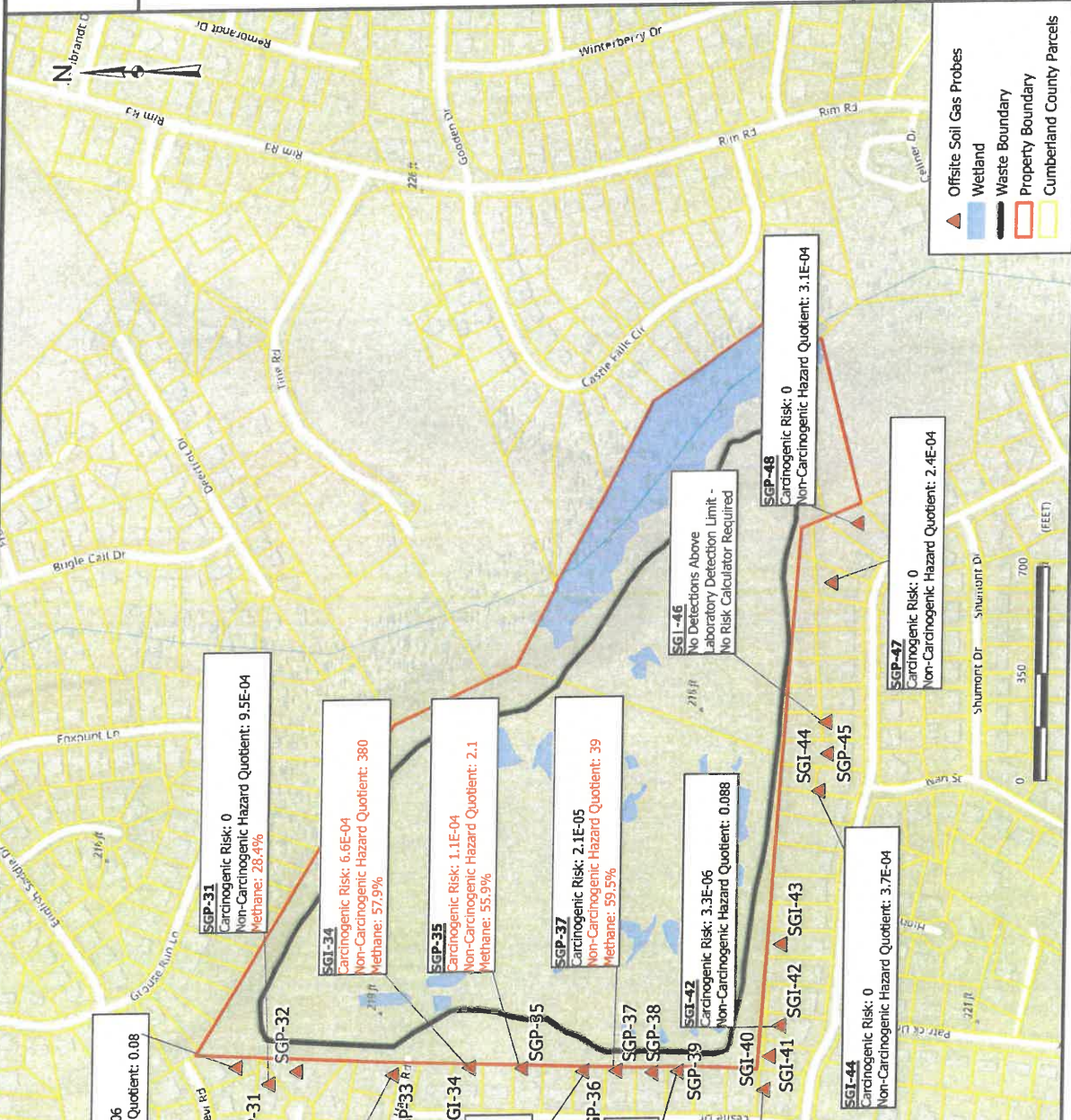
1033 Leslie Drive

FIGURE NO.
1

RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP



SCALE: 1 in: 350 feet
DATE: 6/11/2025
PROJECT NUMBER 23050459
FIGURE NO 2



Offsite Soil Gas Probes

- ▲ Wetland
- Waste Boundary
- ▭ Property Boundary
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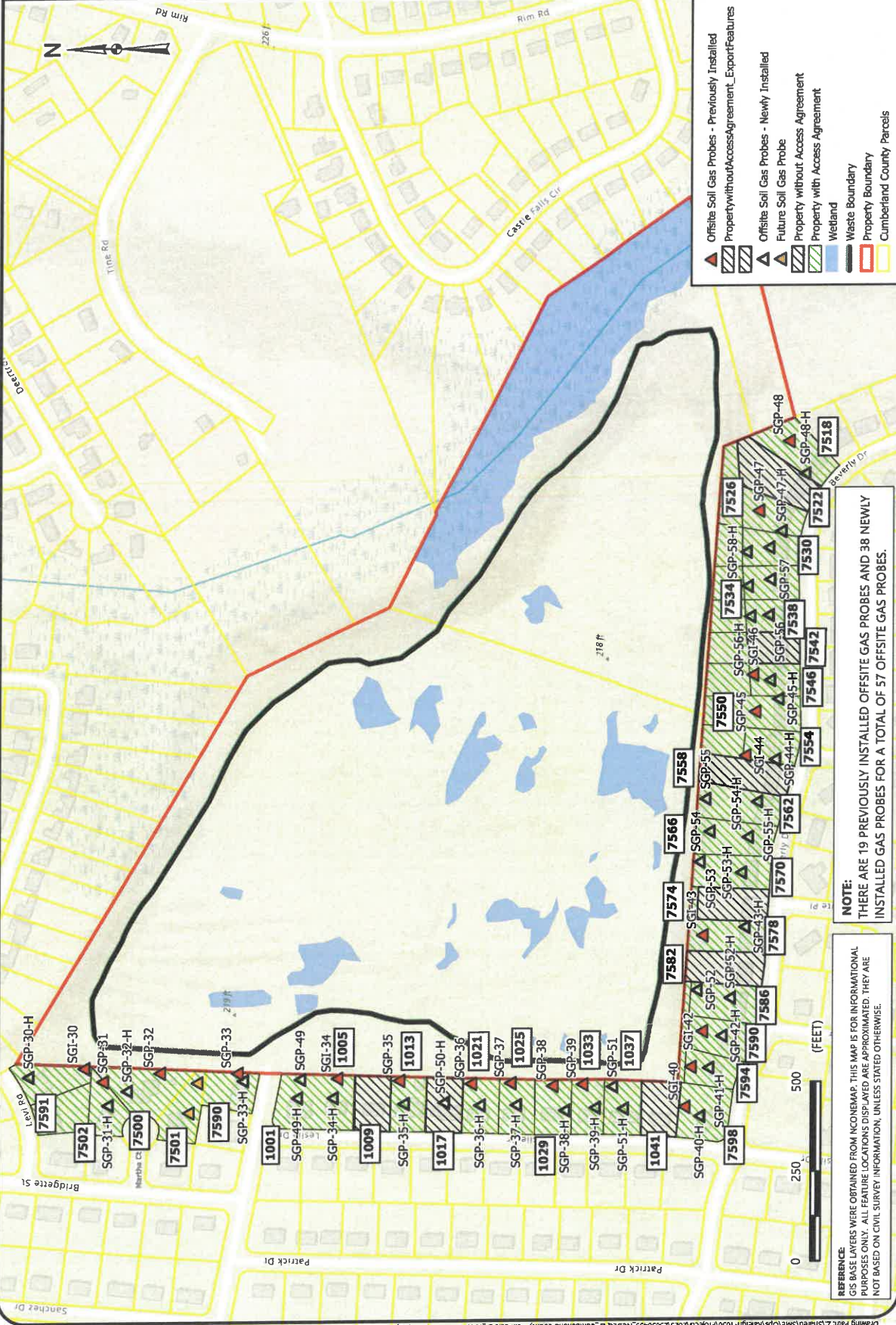
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CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDCE ID NC980502900 TASK ORDER 2900R1-15
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- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- **100% Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- **Voice Alerts in English & Spanish** announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- **10-year battery and product service life**
- **Micro-Electromechanical System (MEMS) sensor technology** provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**



Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect®
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

WILLIAM EDWARD CAMPBELL
1041 LESLIE DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
1041 LESLIE DR
Parcel: #9486298867

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (1041 LESLIE DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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

Location of 1041 Leslie Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



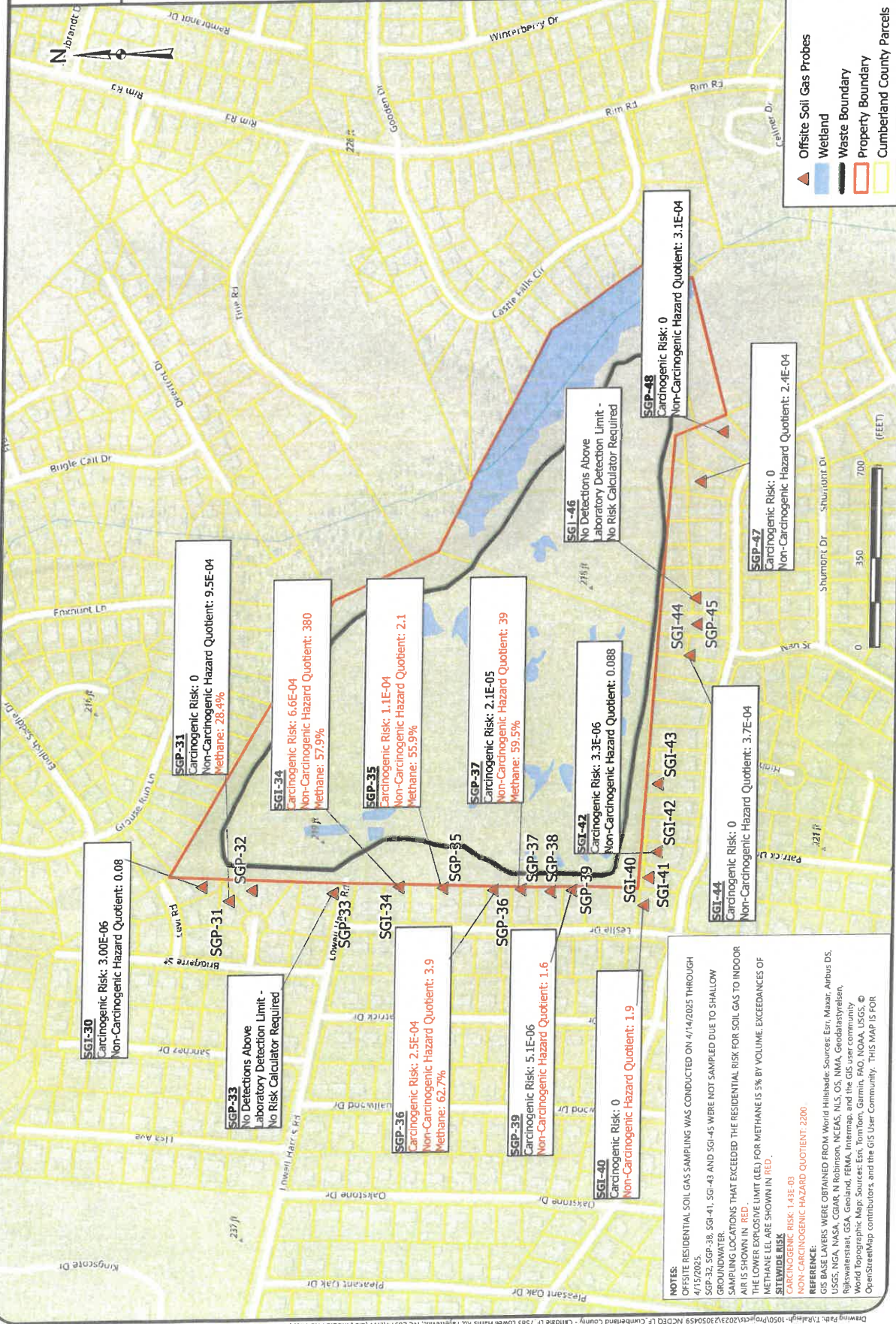
1041 Leslie Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDQG ID NCD980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
 SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
 THE LOWER EXPOSURE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.

SITESIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hishnade; Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastylreiser, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR

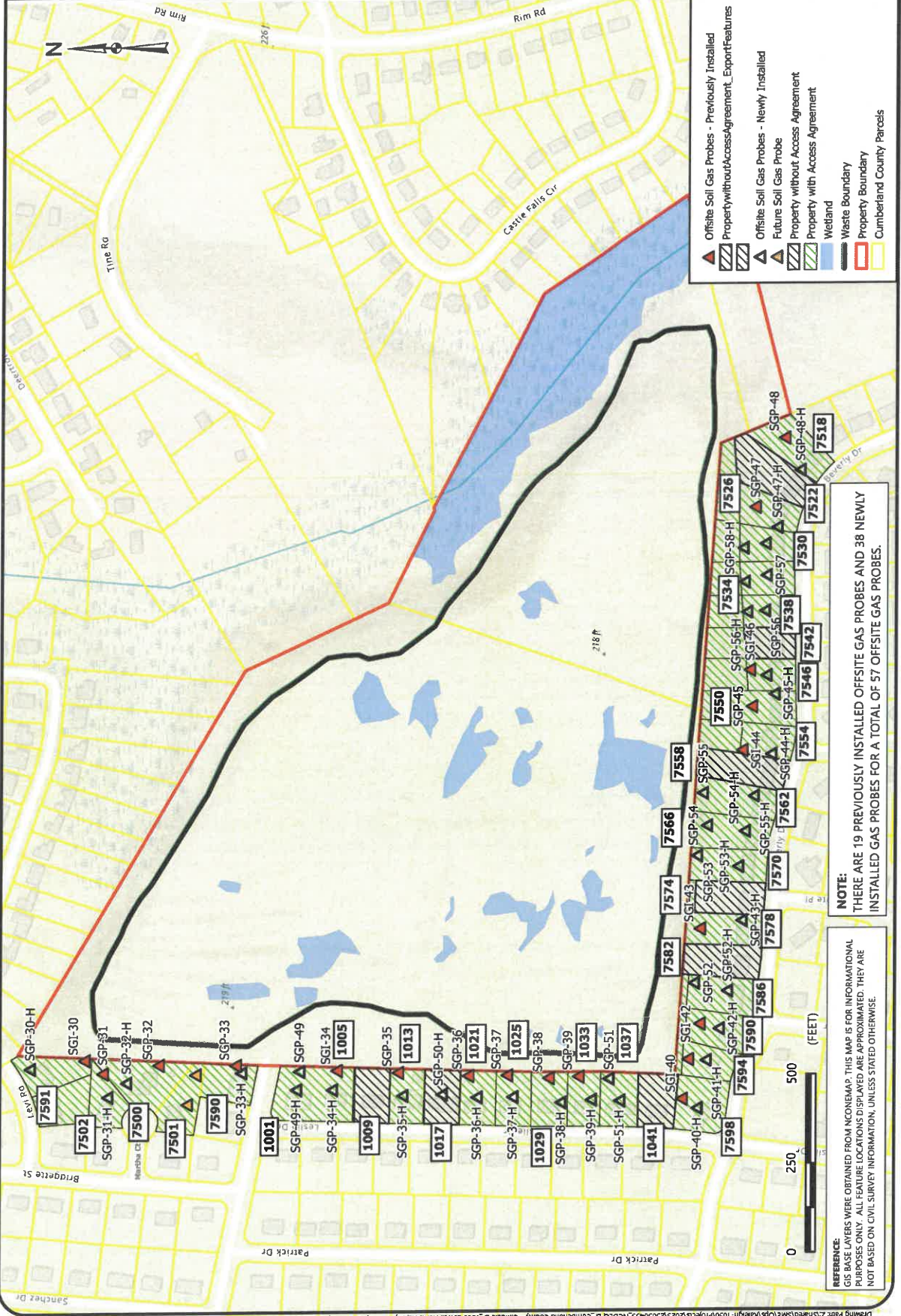


**OFFSITE SOIL GAS PROBES
ADDITIONAL ASSESSMENT ACTIVITIES**

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDCEQ ID NC098052900 TASK ORDER 2900R-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
 1 in = 250 feet
 DATE:
 9/18/2025
 PROJECT NUMBER
 23050459
 FIGURE NO.
3

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement
- ▨ Property without Access Agreement
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



NOTE:
 THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
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REFERENCE:
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DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

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Model Number	DD620NV
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NC0054 / 11302023

JOSH STEIN
Governor

D. REID WILSON
Secretary

MICHAEL SCOTT
Director



September 26, 2025

HERBERT E & LINDA F MOSLEY
7598 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7598 BEVERLY DR
Parcel: #9486298755

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7598 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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

Location of 7598 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7598 Beverly Drive

FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDCEQ ID NCDEQ9805052900 TASK ORDER 2900RI-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in: 350 feet

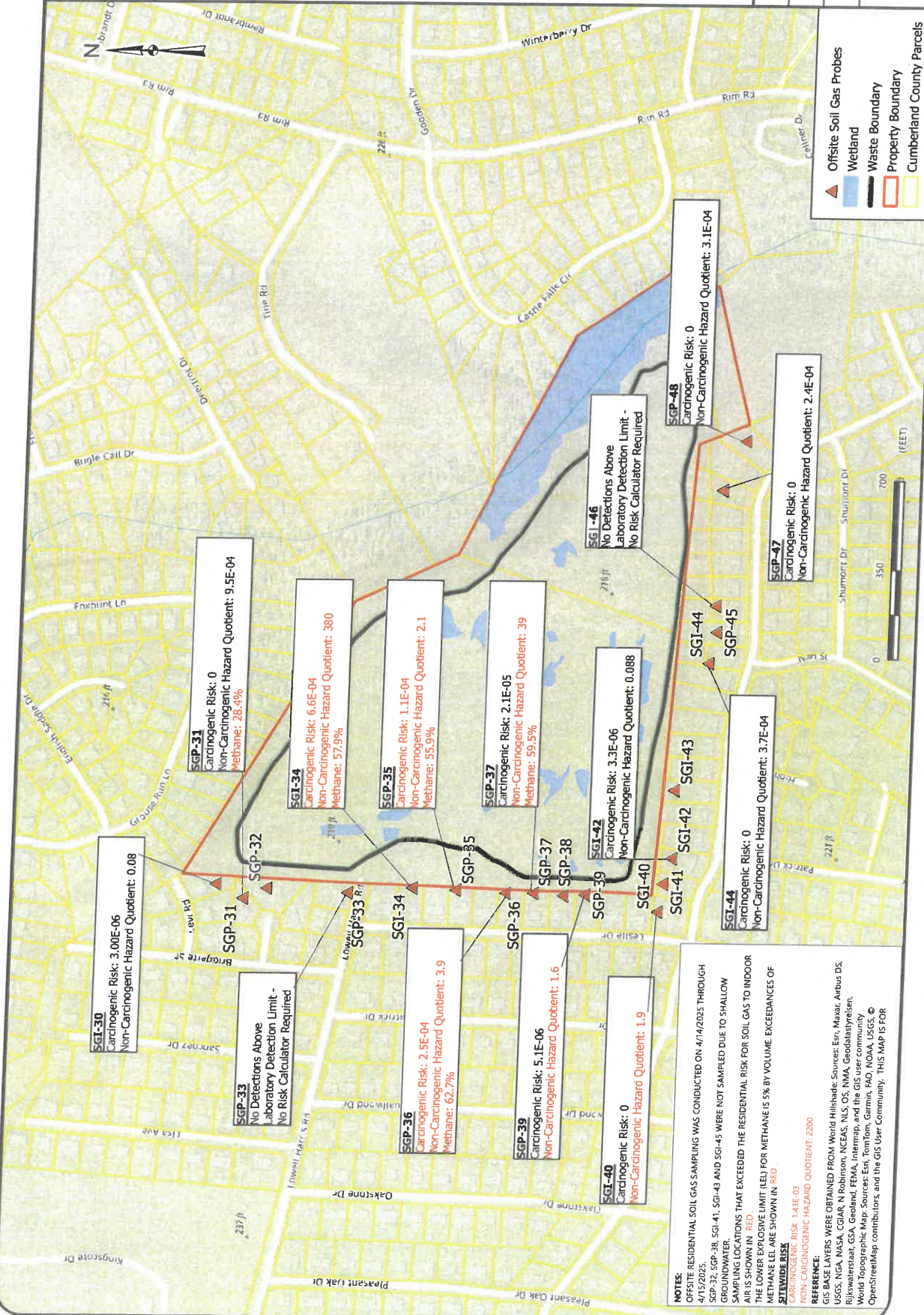
DATE:
6/11/2025

PROJECT NUMBER
23050459

FIGURE NO

2

- ▲ Offsite Soil Gas Probes
- Wetland
- Waste Boundary
- ▭ Property Boundary
- ▭ Cumberland County Parcels



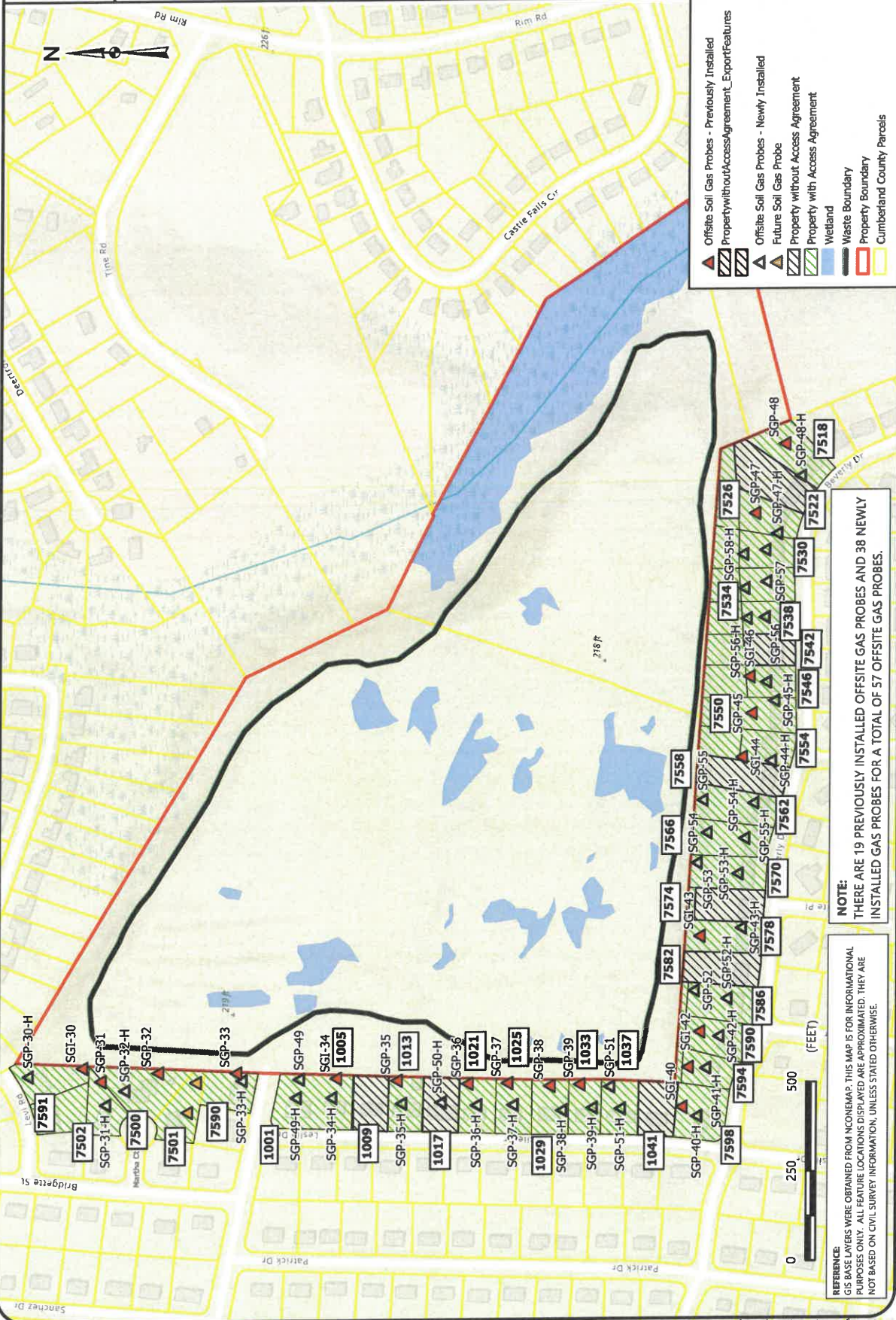
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 CARCINOGENIC RISK: 1.0E-05
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM: World Hillshade; Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, GeoDatalyst, Esri, Rijswaterstaat, GSA, Geobase, FEMA, Nippon, and the GIS user community
 World Topographic Map; Sources: Esri, DeLorme, Garmin, FAD, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDQG ID NCD980502900 TASK ORDER 2900R1-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
23050459
FIGURE NO.
3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▲ Property without Access Agreement - Export Features
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▲ Property without Access Agreement
- ▲ Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

NOTE:
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10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

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Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
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JOSH STEIN
Governor

D. REID WILSON
Secretary

MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

ROBERT & SAMANTHA COUGHLIN
7594 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7594 BEVERLY DR
Parcel: #9486299763

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7594 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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

Location of 7594 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7594 Beverly Drive

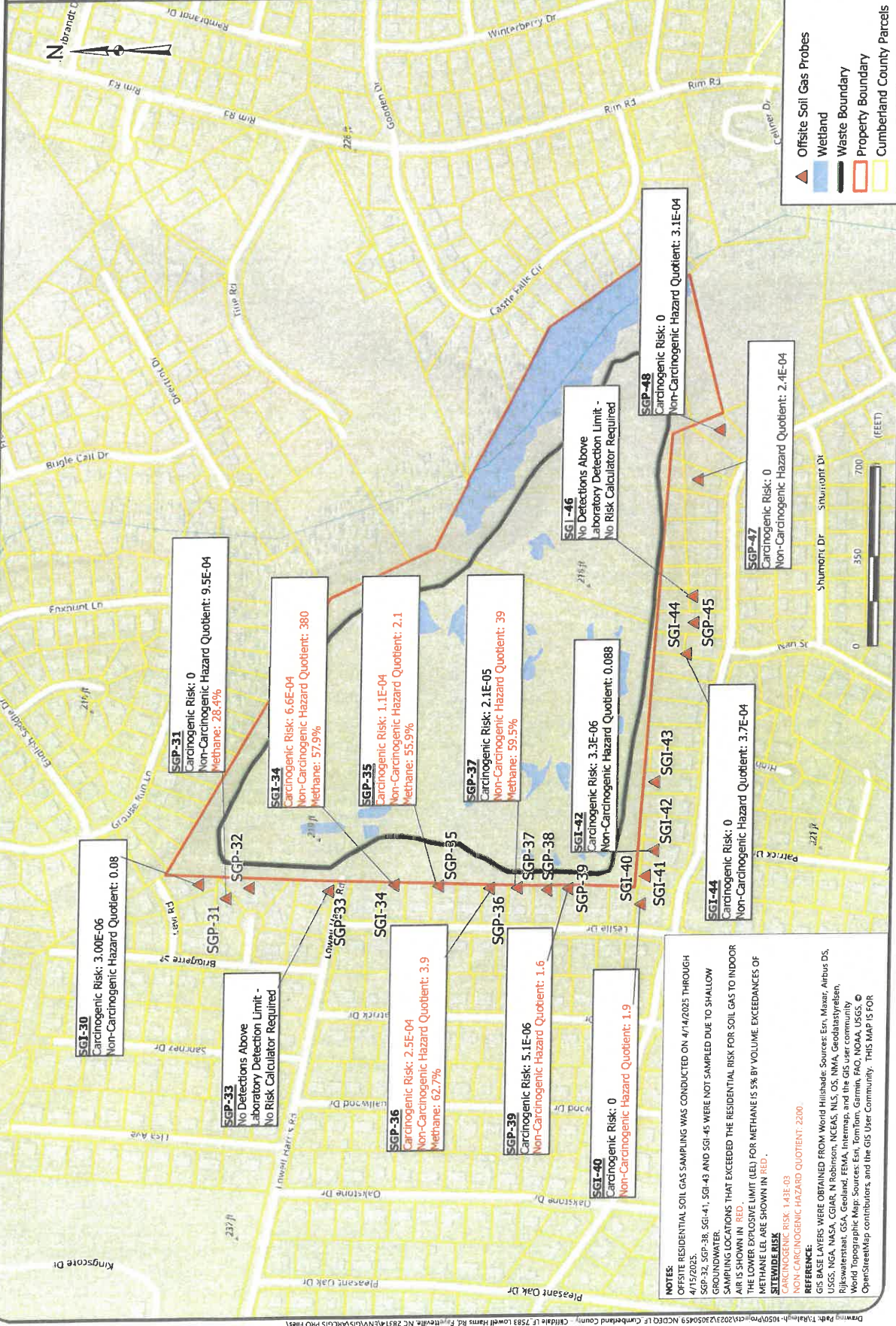
FIGURE NO.
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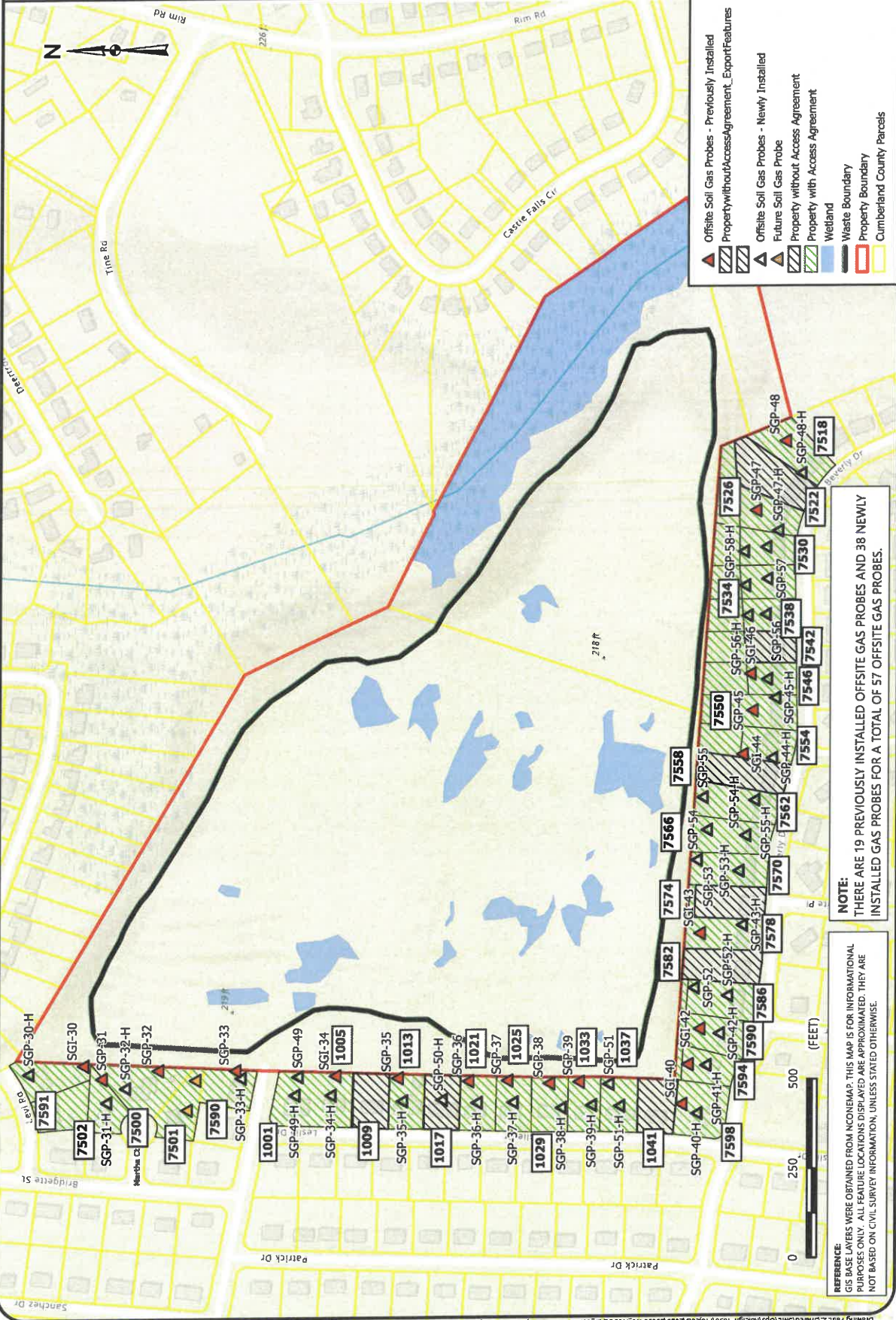


RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NC9D98052900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2





Legend:

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement_Export Features
- ▧ Property without Access Agreement
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▨ Future Soil Gas Probe
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- Red Property Boundary
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Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
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Secretary
MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

DEBRA KAY WASHINGTON
7586 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7586 BEVERLY DR
Parcel: #9486391659

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7586 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
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Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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919.707.8200

Location of 7586 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7586 Beverly Drive

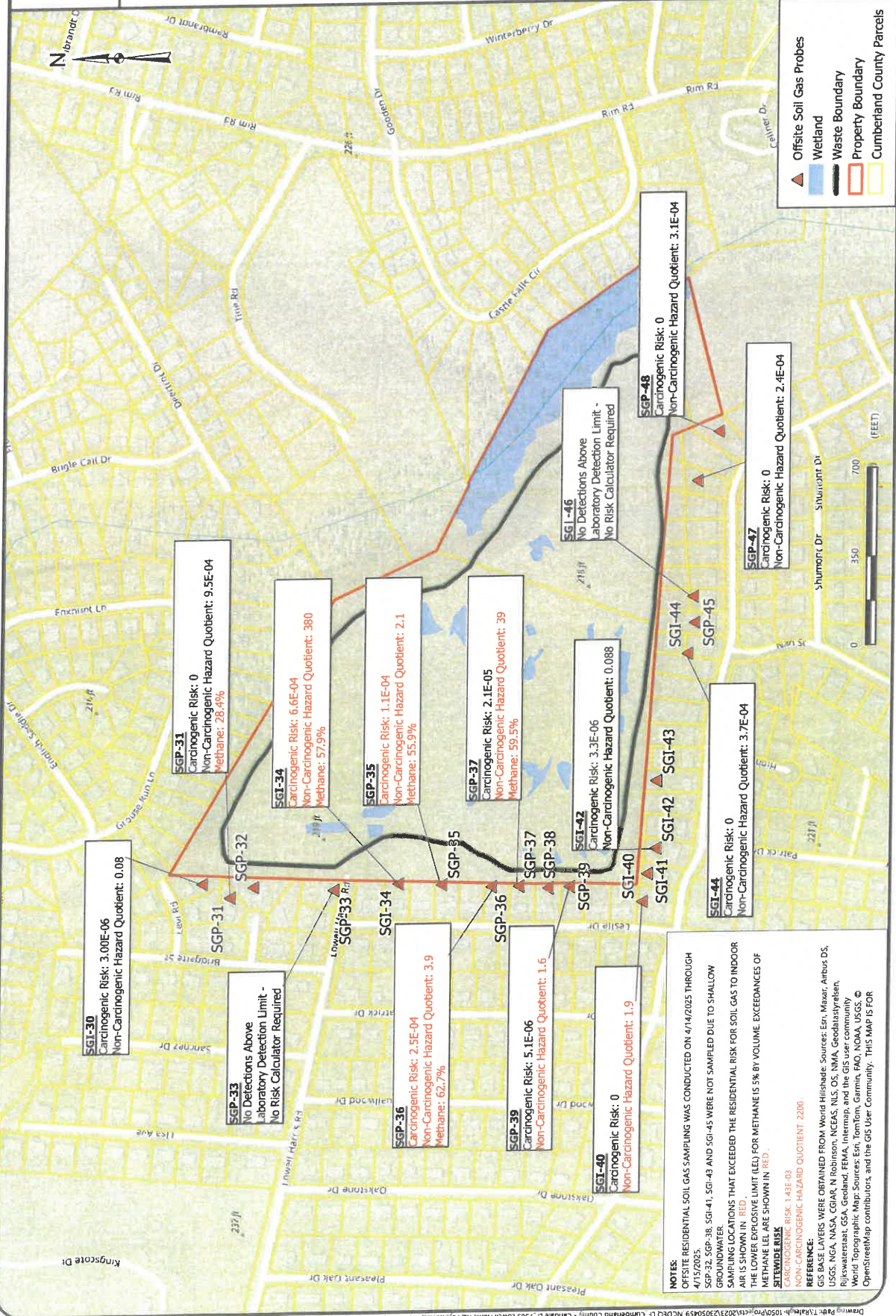
FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFDALE LANDFILL
 NCDQG ID NCD980502900 TASK ORDER 2900RI-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

SCALE: 1 in. = 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
 SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
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SITEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hillshade, Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geobase/Asylsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
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- No extension cord or outlet needed

Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
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- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to **UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit," is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

ASHLEY L PATTERSON & JEAN MCLAURIN
7578 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7578 BEVERLY DR
Parcel: #9486393649

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7578 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
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Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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919.707.8200

Location of 7578 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7578 Beverly Drive

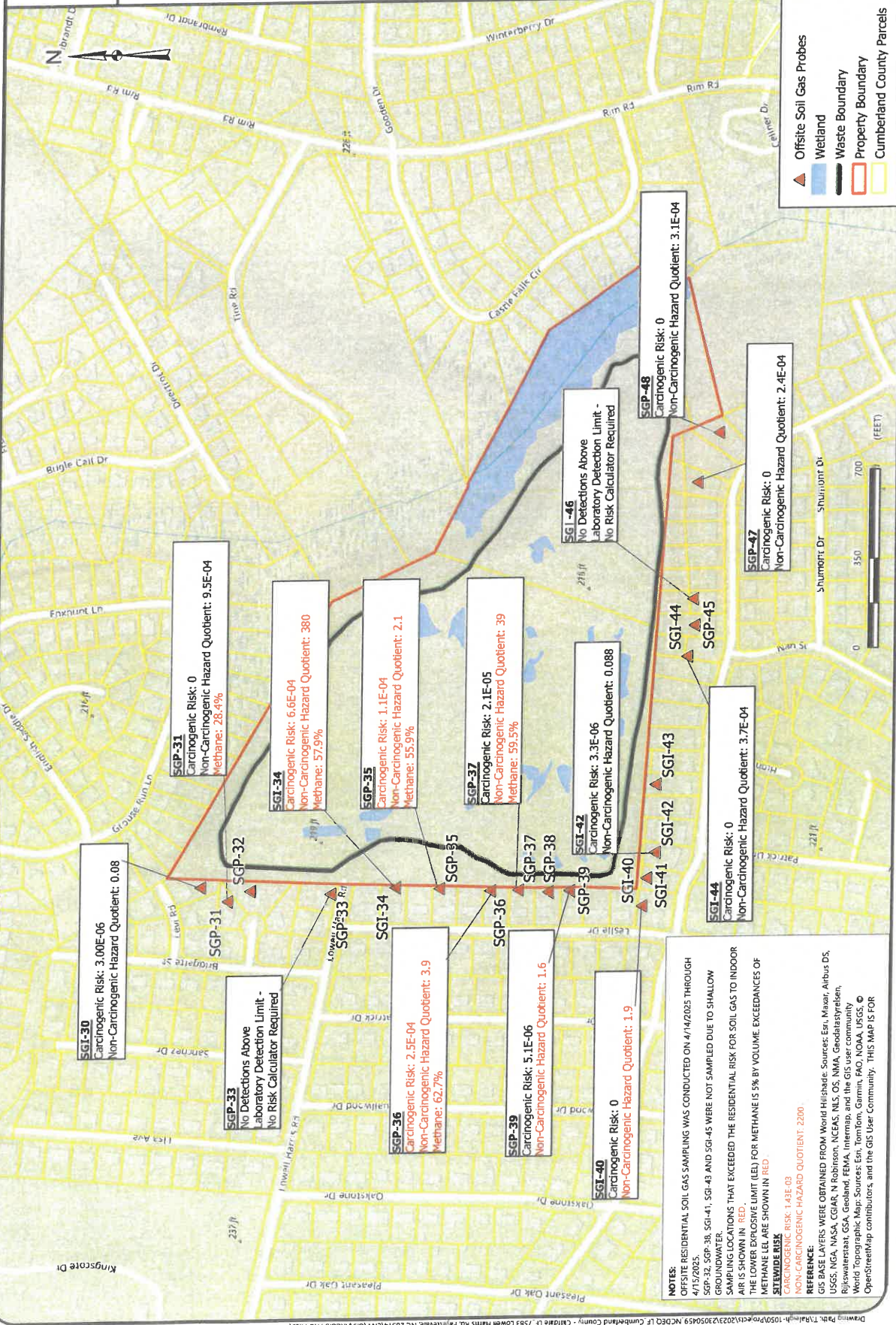
FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEC ID NCD980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



Offsite Soil Gas Probes

- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

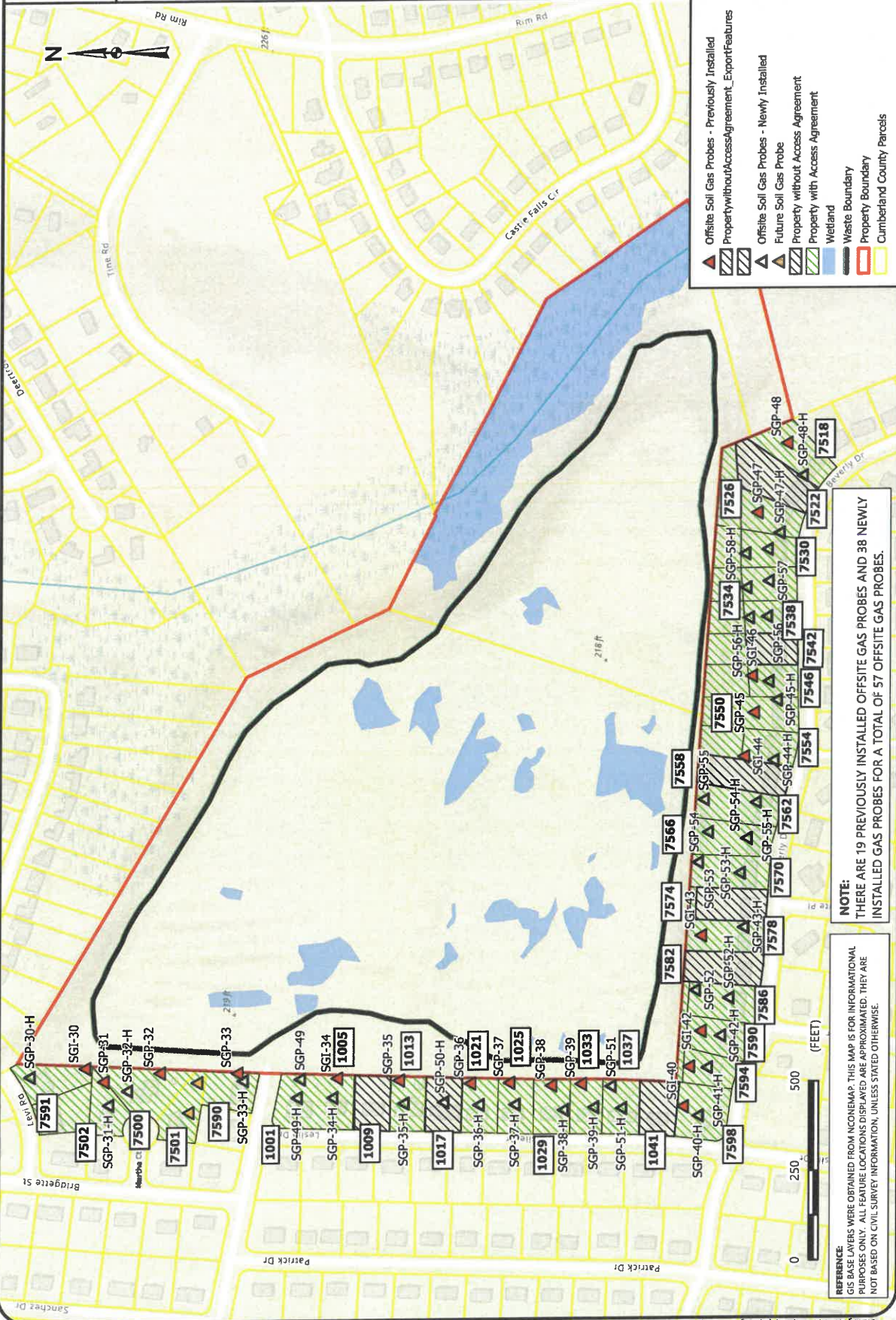
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SITEWIDE RISK
 CARCINOGENIC RISK: 1.4E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hillshade. Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N. Robinson, NCEAS, NLS, OS, NMA, Geodataspylsen, Rijswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDQG ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
1 in = 250 feet
DATE:
9/18/2025
PROJECT NUMBER
23050459
FIGURE NO.
3



- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement
- ▨ Property without Access Agreement
- ▲ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▨ Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
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Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
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Director



September 26, 2025

CLAUDIO BENITEZ, RAYMOND W CLAUDIO BENITEZ
CALLIE R CLAUDIO
7566 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7566 BEVERLY DR
Parcel: #9486396617

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7566 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
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Location of 7566 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7566 Beverly Drive

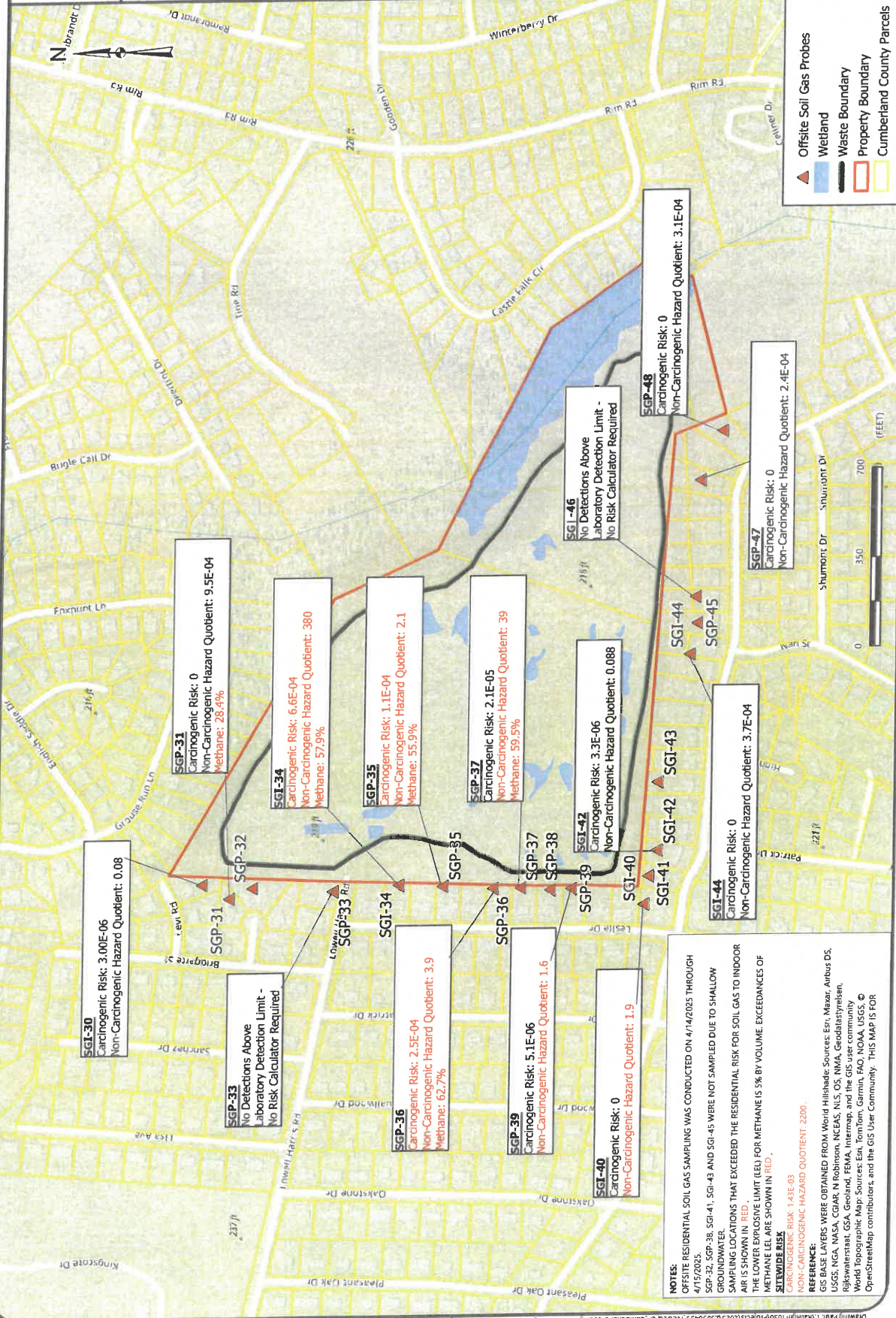
FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEQ ID NCDP980502900 TASK ORDER 2900RI-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:	1 in: 350 feet
DATE:	6/11/2025
PROJECT NUMBER:	23050459
FIGURE NO:	2



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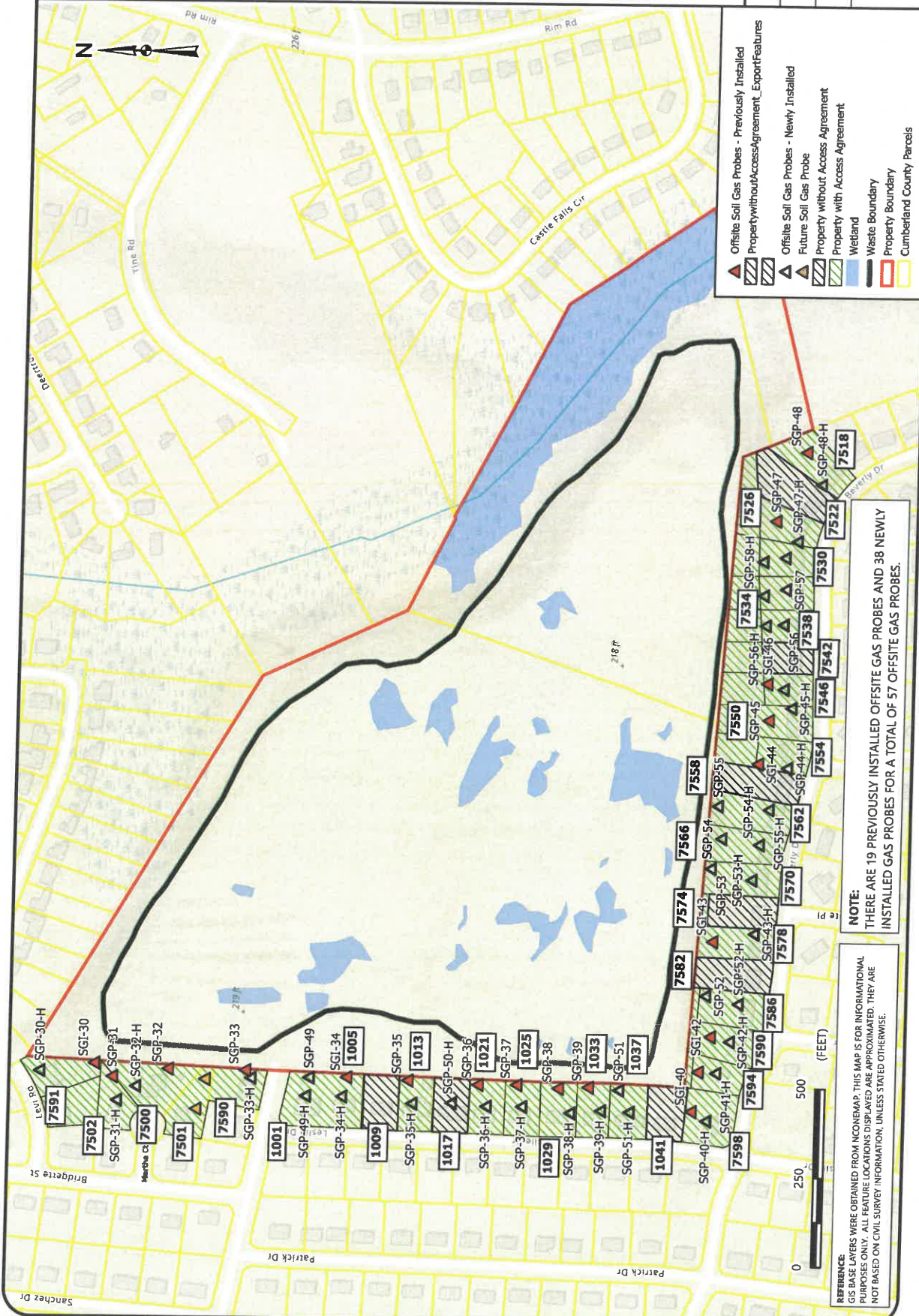
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FIGURE NO.
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NORTH CAROLINA
Environmental Quality

September 26, 2025

CLINTON Z HARRIS
7562 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7562 BEVERLY DR
Parcel: #9486397606

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 7562 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



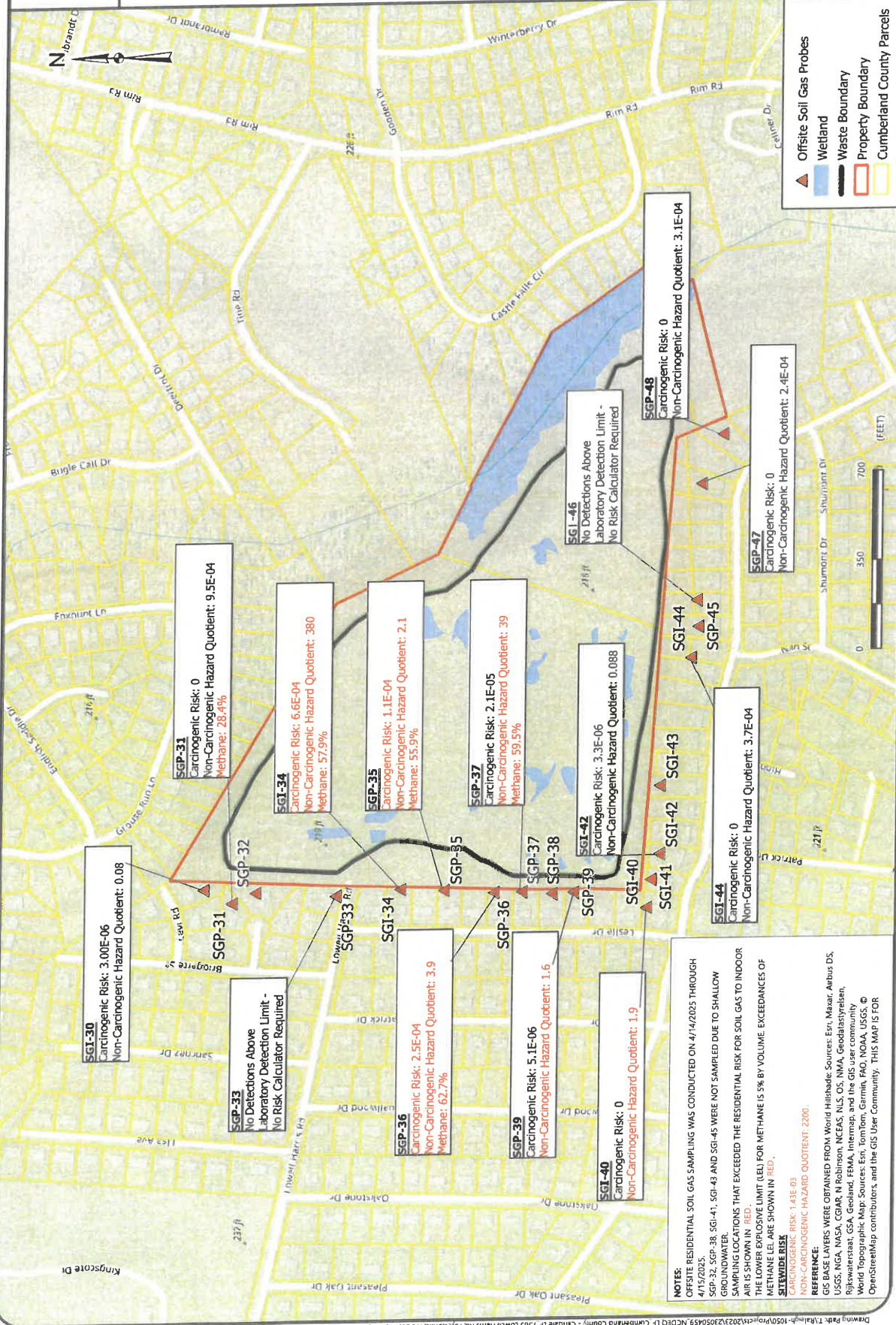
7562 Beverly Drive

FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDQG ID NCD9805202900 TASK ORDER 2900RI-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. = 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2

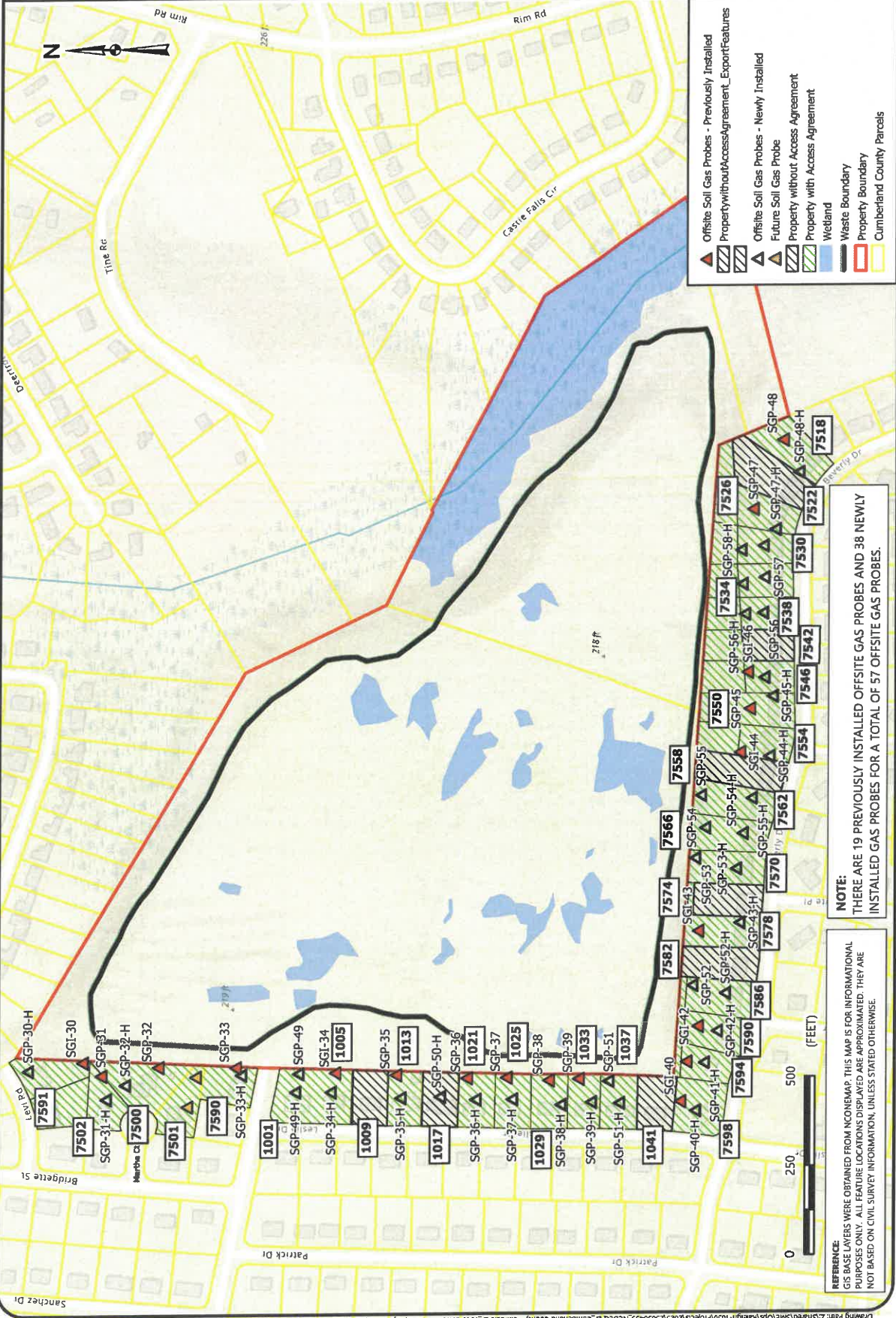


NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/17/2025.
 SGP-32, SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW SAMPLING DEPTHS.
 SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
 THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
SITEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hillshade Sources: Esri, Mapbox, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geobase/tylisen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NCD98052029000 TASK ORDER 2900R1-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
 1 in = 250 feet
 DATE:
 9/18/2025
 PROJECT NUMBER
 23050459
 FIGURE NO.
3



NOTE:
 THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
 INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM NCONEMAP. THIS MAP IS FOR INFORMATIONAL
 PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE
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DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- **100% Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- **Voice Alerts in English & Spanish** announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- **10-year battery and product service life**
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- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

JOHN J FUTRELL JR
7558 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7558 BEVERLY DR
Parcel: #9486397694

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7558 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

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Sincerely,



Analee Thornburg, Hydrogeologist

NCDEQ, Division of Waste Management

Superfund Section, Special Remediation Branch

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Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)

Map showing laboratory methane results (Figure 2)

Map showing current additional assessment activities (Figure 3)



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

Location of 7558 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



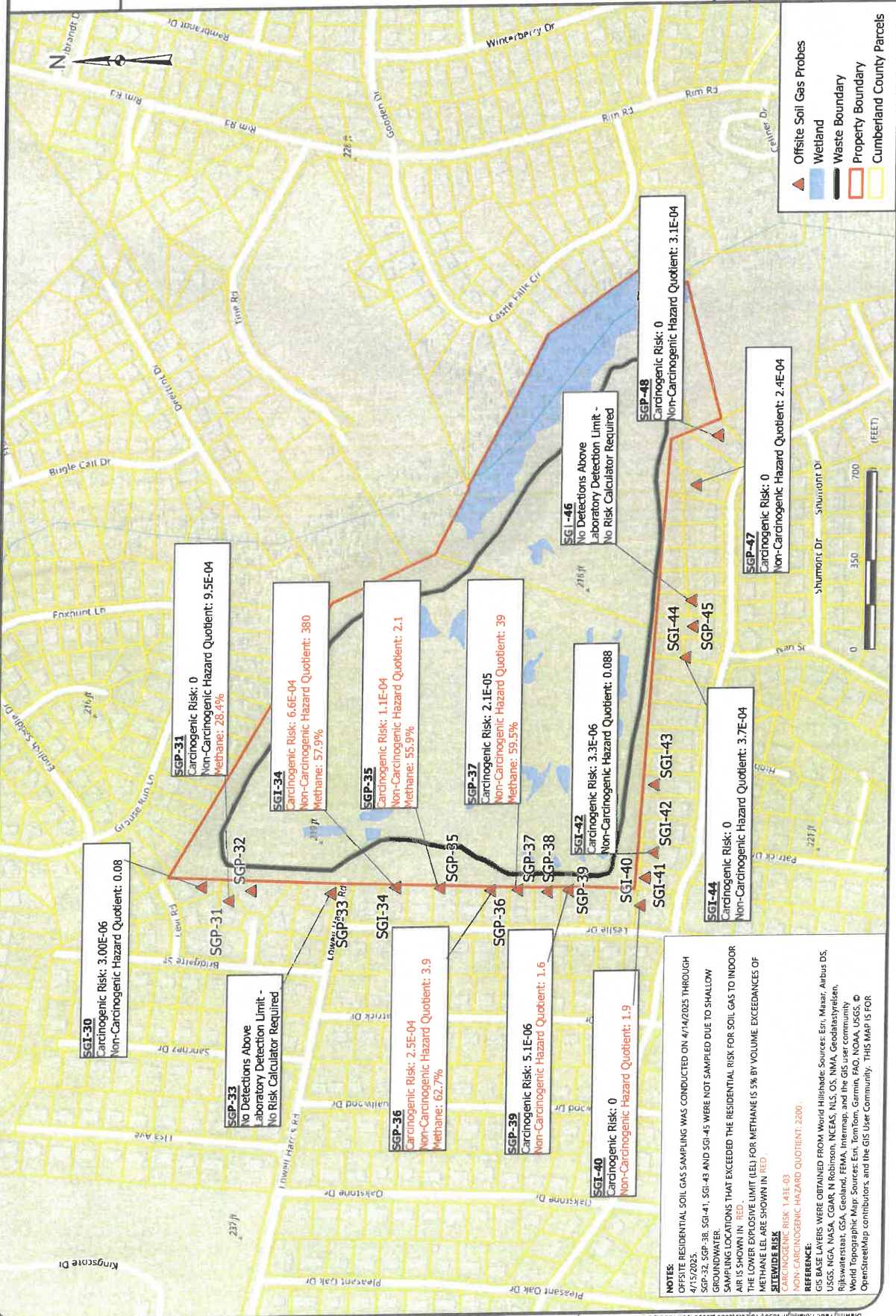
7558 Beverly Drive



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDHQ ID NCD980502900 TASK ORDER 2900R1-12
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
 DATE: 6/11/2025
 PROJECT NUMBER: 23050459
 FIGURE NO: 2



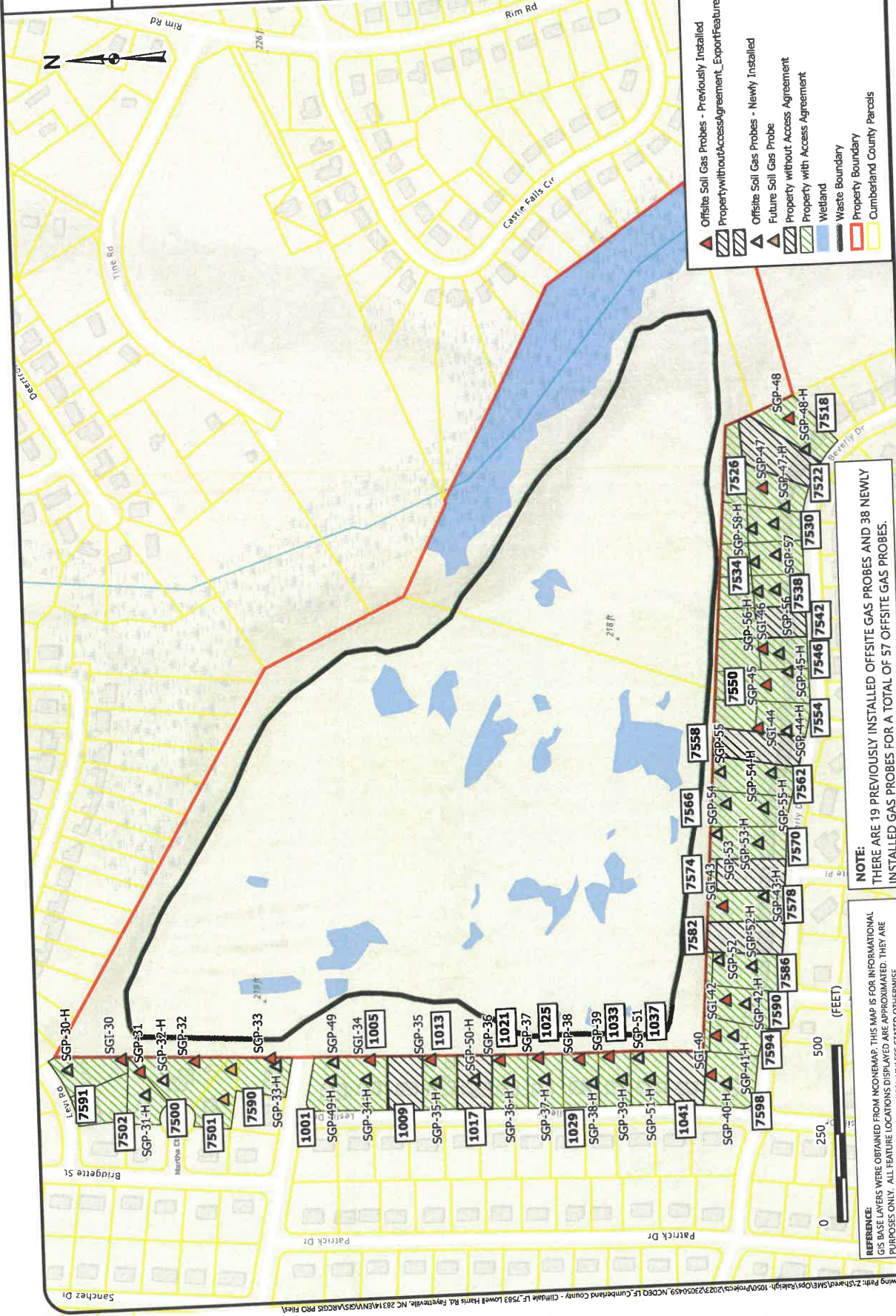
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SITEWIDE RISK
 CARCINOGENIC RISK: 1.43E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
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CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 ADDITIONAL ASSESSMENT ACTIVITIES
 NCEQ ID NC0980502900 TASK ORDER 2900R1-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE:
 1 in = 250 feet
 DATE:
 9/18/2025
 PROJECT NUMBER
 23050459
 FIGURE NO.
3

- ▲ Offsite Soil Gas Probes - Previously Installed
- ▨ Property without Access Agreement_ Export Features
- ▧ Offsite Soil Gas Probes - Newly Installed
- ▲ Future Soil Gas Probe
- ▨ Property without Access Agreement
- ▧ Property with Access Agreement
- ▩ Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



REFERENCES:
 GIS BASE LAYERS WERE OBTAINED FROM NCEM/AM. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Drawing Path: Z:\Shared\ME\Opp\Final\High-100\Projects\2023\23050459 - NCEQ ID NC0980502900 Task Order 2900R1-15 - Cumberland County - Cliffdale Landfill - 7583 Lowell Harris Road Fayetteville, NC 28114\GIS\MapDocs\23050459\MapDocs\23050459 - OFFSITE SOIL GAS PROBES PRO FILES



DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost over 4X more to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
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- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (src, flame, heat).



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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

JUAN C & JENNIFER AGOSTO
7554 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7554 BEVERLY DR
Parcel: #9486398577

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7554 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

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Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 7554 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7554 Beverly Drive

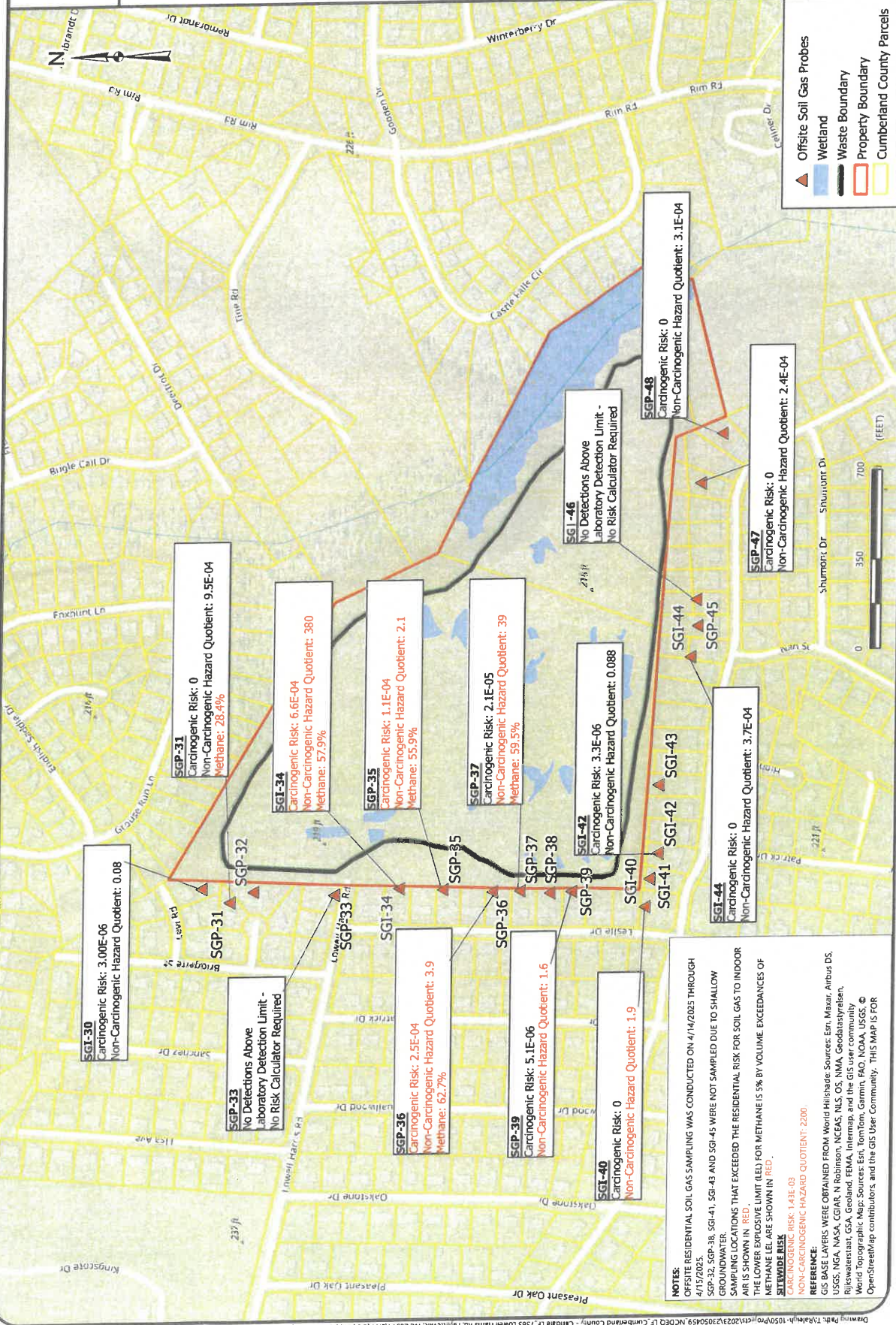
FIGURE NO.
1



RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEDEQ ID NCD98052900 TASK ORDER 2900RI-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

SCALE: 1 in. = 350 feet
DATE: 6/11/2025
PROJECT NUMBER: 23050459
FIGURE NO: 2



SGP-30
Carcinogenic Risk: 3.00E-06
Non-Carcinogenic Hazard Quotient: 0.08

SGP-31
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 9.5E-04
Methane: 26.4%

SGP-32
Carcinogenic Risk: 6.6E-04
Non-Carcinogenic Hazard Quotient: 380
Methane: 57.9%

SGP-33
Carcinogenic Risk: 1.1E-04
Non-Carcinogenic Hazard Quotient: 2.1
Methane: 55.9%

SGP-34
Carcinogenic Risk: 2.1E-05
Non-Carcinogenic Hazard Quotient: 39
Methane: 59.5%

SGP-35
Carcinogenic Risk: 3.3E-06
Non-Carcinogenic Hazard Quotient: 0.088

SGP-36
Carcinogenic Risk: 2.5E-04
Non-Carcinogenic Hazard Quotient: 3.9
Methane: 62.7%

SGP-37
Carcinogenic Risk: 5.1E-06
Non-Carcinogenic Hazard Quotient: 1.6

SGP-38
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 1.9

SGP-39
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 1.9

SGP-40
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 0.088

SGP-41
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 3.7E-04

SGP-42
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 3.7E-04

SGP-43
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 3.7E-04

SGP-44
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 2.4E-04

SGP-45
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 2.4E-04

SGP-46
No Detections Above Laboratory Detection Limit - No Risk Calculator Required

SGP-47
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 3.1E-04

SGP-48
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 3.1E-04

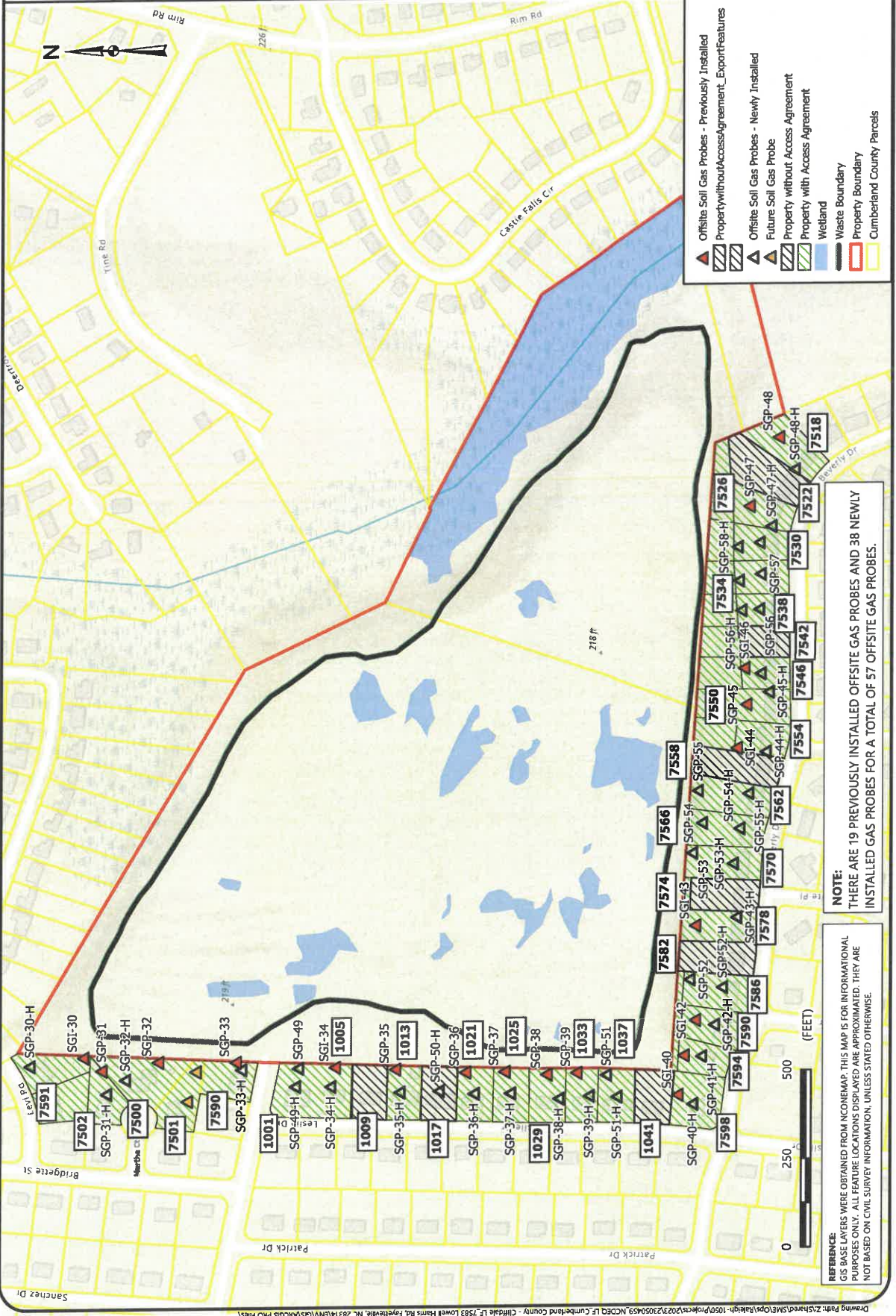
SGP-33
No Detections Above Laboratory Detection Limit - No Risk Calculator Required

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CARCINOGENIC RISK: 1.43E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World Hillshade: Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geobase/tyrasien, Rijswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES
 CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NCD980502900 TASK ORDER 2900RI-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in = 250 feet
 DATE: 9/18/2025
 PROJECT NUMBER: 23050459
 FIGURE NO.: 3





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10-Year Battery-Powered Natural Gas Alarm

DD620NV

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Specifications

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Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

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NC0054 / 11302023

JOSH STEIN
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MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

CURRENT RESIDENT
7542 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7542 BEVERLY DR
Parcel: #9486491546

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

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In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

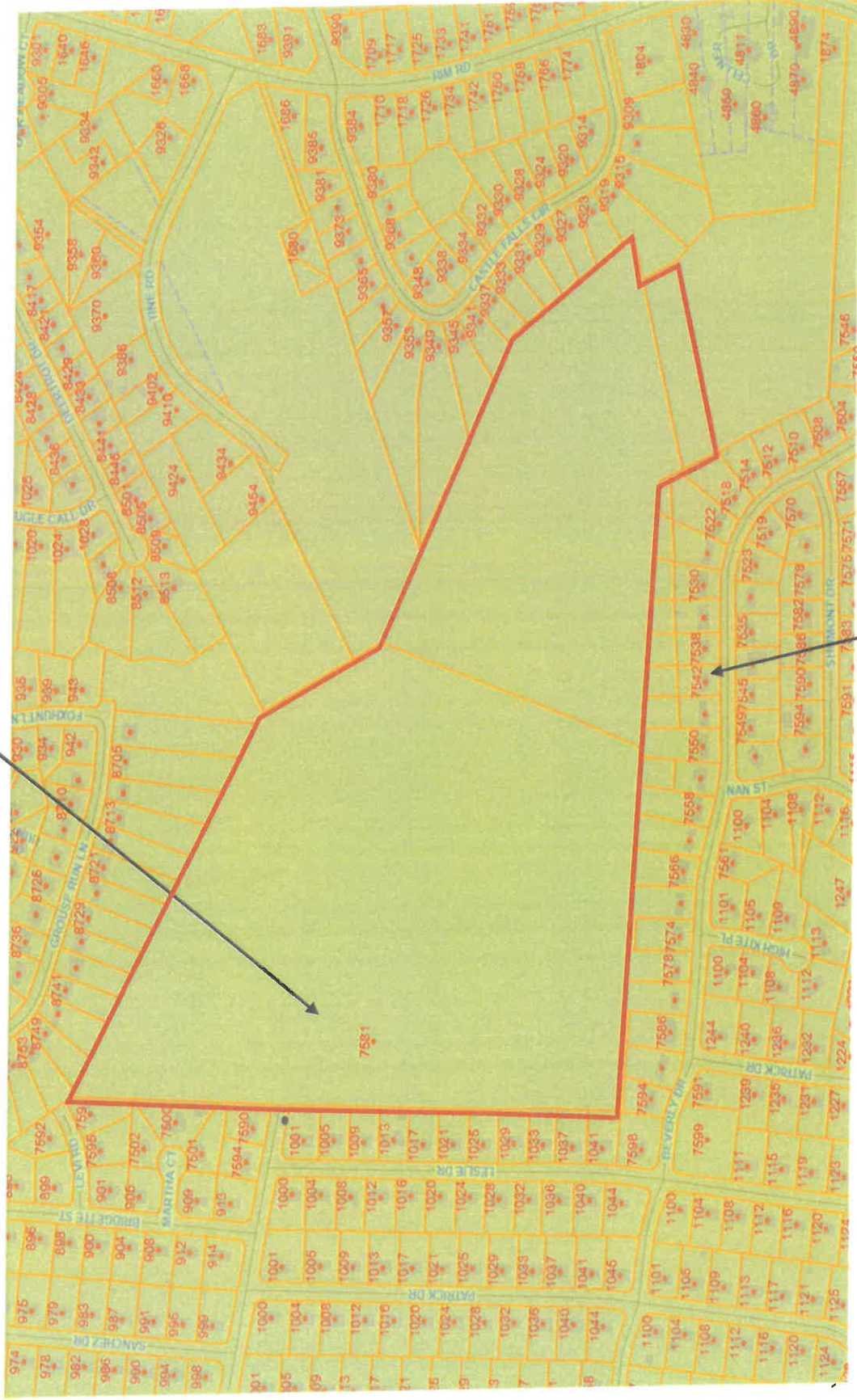
Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Location of 7542 Beverly Drive in relation to the Cumberland County/Cliffdale LF

Cumberland County/Cliffdale LF



7542 Beverly Drive

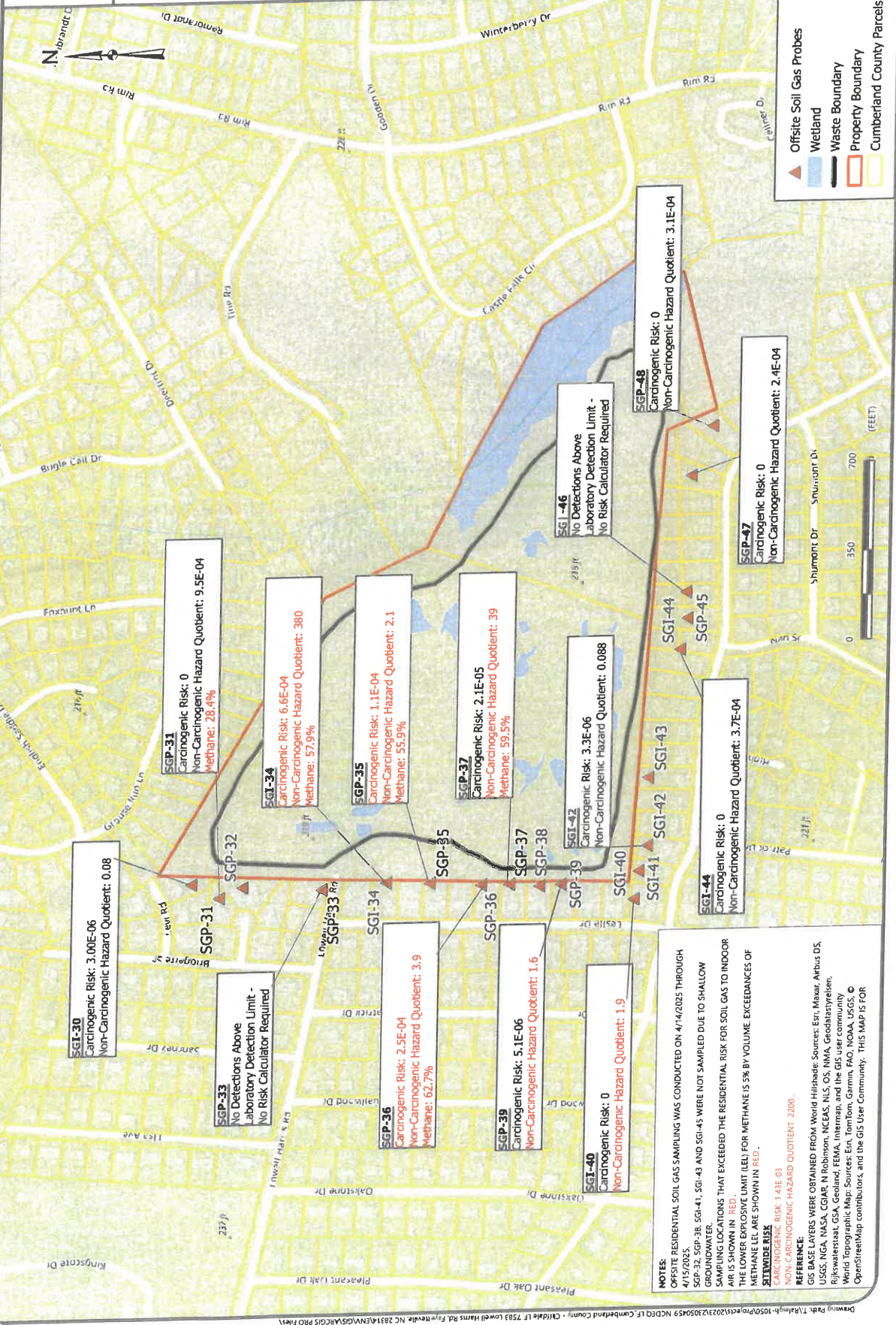
FIGURE NO.
1



RESIDENTIAL SCP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEQ ID NCD90502900 TASK ORDER 2900RI-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in: 350 feet
DATE: 6/11/2025
PROJECT NUMBER: 23050459
FIGURE NO: 2



SGP-31
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 9.5E-04
Methane: 28.4%

SGI-34
Carcinogenic Risk: 6.6E-04
Non-Carcinogenic Hazard Quotient: 380
Methane: 57.9%

SGP-35
Carcinogenic Risk: 1.1E-04
Non-Carcinogenic Hazard Quotient: 2.1
Methane: 53.9%

SGP-37
Carcinogenic Risk: 2.1E-05
Non-Carcinogenic Hazard Quotient: 39
Methane: 59.5%

SGI-42
Carcinogenic Risk: 3.3E-06
Non-Carcinogenic Hazard Quotient: 0.088

SGI-46
No Detections Above Laboratory Detection Limit - No Risk Calculator Required

SGP-48
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 3.1E-04

SGP-47
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 2.4E-04

SGI-30
Carcinogenic Risk: 3.00E-06
Non-Carcinogenic Hazard Quotient: 0.08

SGP-32
No Detections Above Laboratory Detection Limit - No Risk Calculator Required

SGP-33
Carcinogenic Risk: 2.5E-04
Non-Carcinogenic Hazard Quotient: 3.9
Methane: 62.7%

SGP-36
Carcinogenic Risk: 5.1E-06
Non-Carcinogenic Hazard Quotient: 1.6

SGI-40
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 1.9

SGI-41
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 3.7E-04

SGI-43
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 0.088

SGI-44
Carcinogenic Risk: 0
Non-Carcinogenic Hazard Quotient: 3.7E-04

NOTES:
OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
SGP-32, SGP-38, SGP-41, SGI-43 AND SGI-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
THE LOWER EXPOSURE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
SITEWIDE RISK
CARCINOGENIC RISK: 1.43E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World HILLSHADE. Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGMA, N Robinson, NCEAS, NLS, OS, NMA, GeoBlast/Syriren, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR

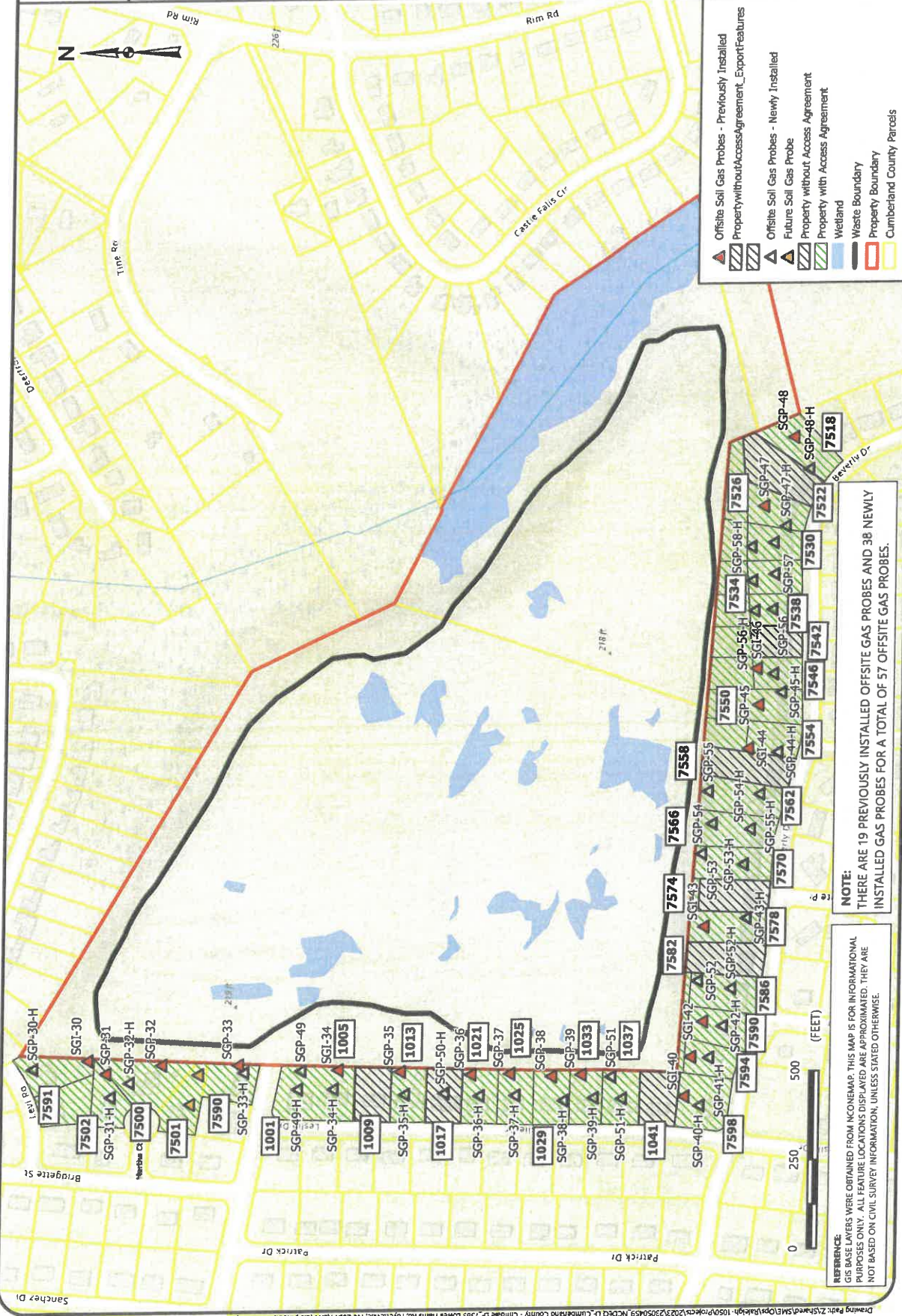


ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL

NCDEQ ID NCD980502900 TASK ORDER 2900RI-15
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER	23050459
FIGURE NO.	3



- Offsite Soil Gas Probes - Previously Installed
- Property without Access/Agreement_Export Features
- Offsite Soil Gas Probes - Newly Installed
- Future Soil Gas Probe
- Property without Access Agreement
- Property with Access Agreement
- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels

NOTE:
THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY
INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM ICOMENAP. THIS MAP IS FOR INFORMATIONAL
PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE
NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Drawing Path: Z:\Shared\SM\I\Projects\1050\Projects\2023\23050459_NCD980502900_Task_Order_2900RI-15\Cliffdale_LF_Cumberland_County_C\GIS\Map_Symbol\Map_Symbols\Map_Symbols_Plot_File1



DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- 11 minutes more escape time. Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 2.5% LEL threshold. Validated by Fire & Risk Alliance
- 100% Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- Voice Alerts in English & Spanish announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- Self-diagnostics provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- 10-year battery and product service life
- Micro-Electromechanical System (MEMS) sensor technology provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- Virtually eliminates false alarms caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- Listed to UL 1484 Standard



Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect
Smarter Gas Leak Safety

www.denovadetect.com

Contact us to learn more at
support@denovadetect.com

NC0054 / 11302023

JOSH STEIN
Governor

D. REID WILSON
Secretary

MICHAEL SCOTT
Director



NORTH CAROLINA
Environmental Quality

September 26, 2025

NUBANG P. LUTHER, SAHARUT H. LUTHER
7538 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7538 BEVERLY DR
Parcel: #9486492537

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7538 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

A PRLF is an area where municipal waste disposal occurred prior to 1983. The referenced Site operated from 1972 to 1980 on approximately 60 acres of land owned by Cumberland County.

During recent assessment activities, methane was detected in the soil outside of the Site property (See attached Figure 2). The PRLF Program does NOT have evidence at this time that your home is unsafe, but additional assessment activities are in progress to determine the extent of the methane vapors beyond the landfill boundary. The additional assessment activities include the installation and sampling of soil gas vapor probes near each home surrounding the landfill property to determine the presence and concentration of methane (See attached Figure 3).

In the interim while the PRLF Program works to complete the installation of soil gas vapor probes, sampling of each probe, and the time needed to analyze each sample at a laboratory, the PRLF Program is offering free installation of methane detectors and methane screening inside your home to ensure there are no detectable concentrations of methane.

The methane detector is much like a smoke detector, and it will audibly alarm if the airspace inside the home exceeds unsafe levels. There is no cost to you for the methane detector or indoor screening. **The cost of the 10-year battery powered methane detector and its installation is covered by the PRLF Program as part of the assessment of the Site.**



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

If you would like to have a free methane detector installed in your home, please contact the PRLF Unit's contractor for this project, Tom Raymond with S&ME, Inc., at traymond@smeinc.com or 919-801-5359. If you have other questions, please contact me at analee.thornburg@deq.nc.gov or 919-707-8227. A representative of S&ME will be circulating in your neighborhood over the next couple of weeks, and they will be available to install methane monitors at the resident's request.

Lastly, the PRLF Unit will conduct a public information session in the near future (late October). You will receive an additional letter in the mail regarding the date, time, and place of the information session. This session will provide you with an opportunity to ask questions and to learn about the future activities related to this site.

Sincerely,



Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

CC: Occupant/tenant if the mailing address is different from the street address
Cumberland County Health Department - jgreen@cumberlandcountync.gov
Cumberland County Emergency Services - gcrumpler@cumberlandcountync.gov

Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



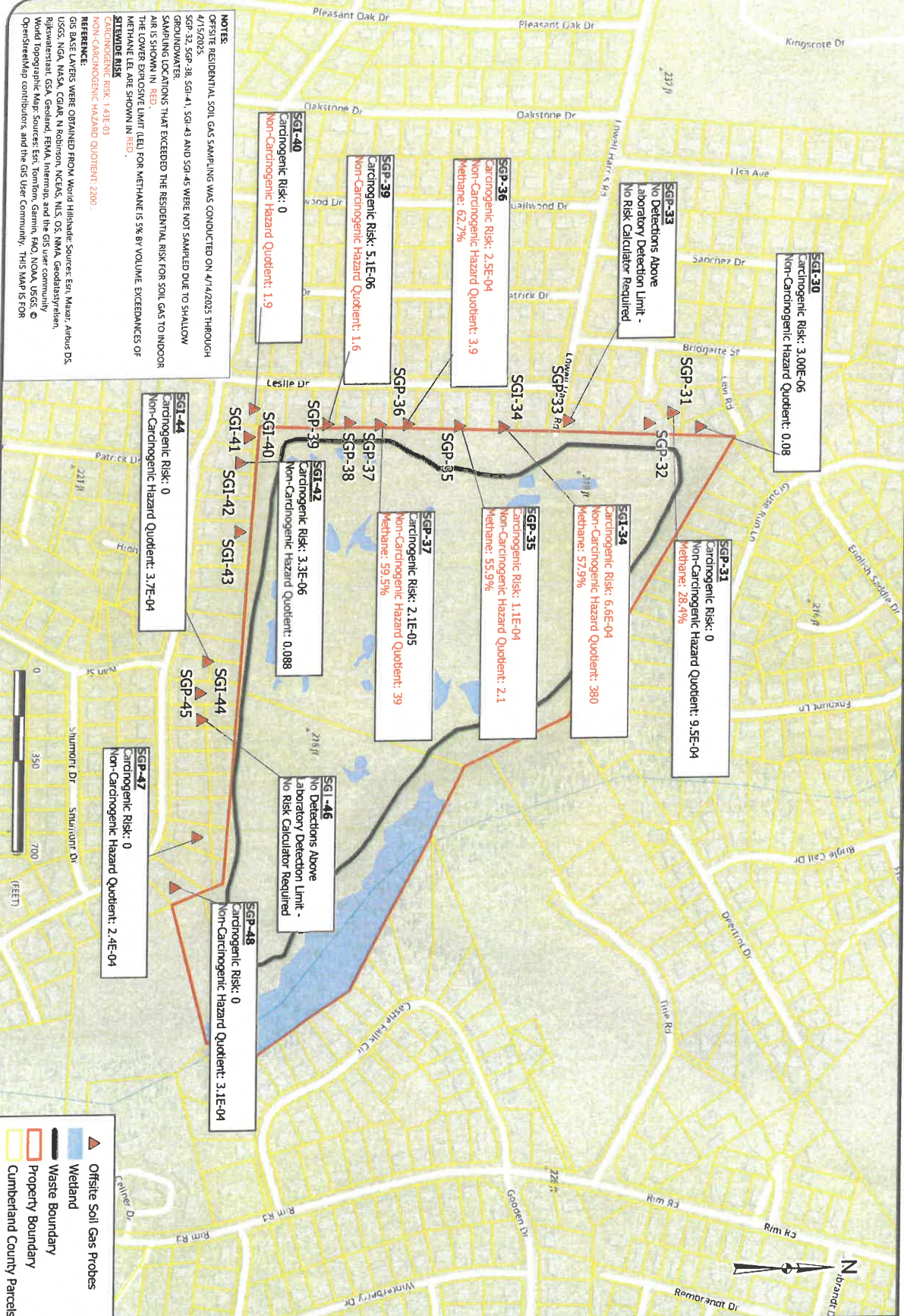
North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Location of 7538 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7538 Beverly Drive

FIGURE NO.
1



NOTES:
OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025.
SGP-32, SGP-38, SGI-41, SGI-43 AND SGI-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
SAMPLING LOCATIONS THAT EXCEEDED THE RESIDENTIAL RISK FOR SOIL GAS TO INDOOR AIR IS SHOWN IN RED.
THE LOWER EXPOSURE LIMIT (LEL) FOR METHANE IS 5% BY VOLUME. EXCEEDANCES OF METHANE LEL ARE SHOWN IN RED.
ATTN: WIDE RISK
CARCINOGENIC RISK: 1.43E-03
NON-CARCINOGENIC HAZARD QUOTIENT: 2200

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM World Historical Sources, Esri, Maasr, Arthur D.S. USGS, NGA, NASA, CGAR, N Robinson, NCEAS, NLS, OS, NMA, GeoDataSystem, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS User community
World Topographic Map Sources: Esri, Tomtom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR

RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCDEQ ID NCD980502900 TASK ORDER 2900R1-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

SCALE: 1 in. 350 feet

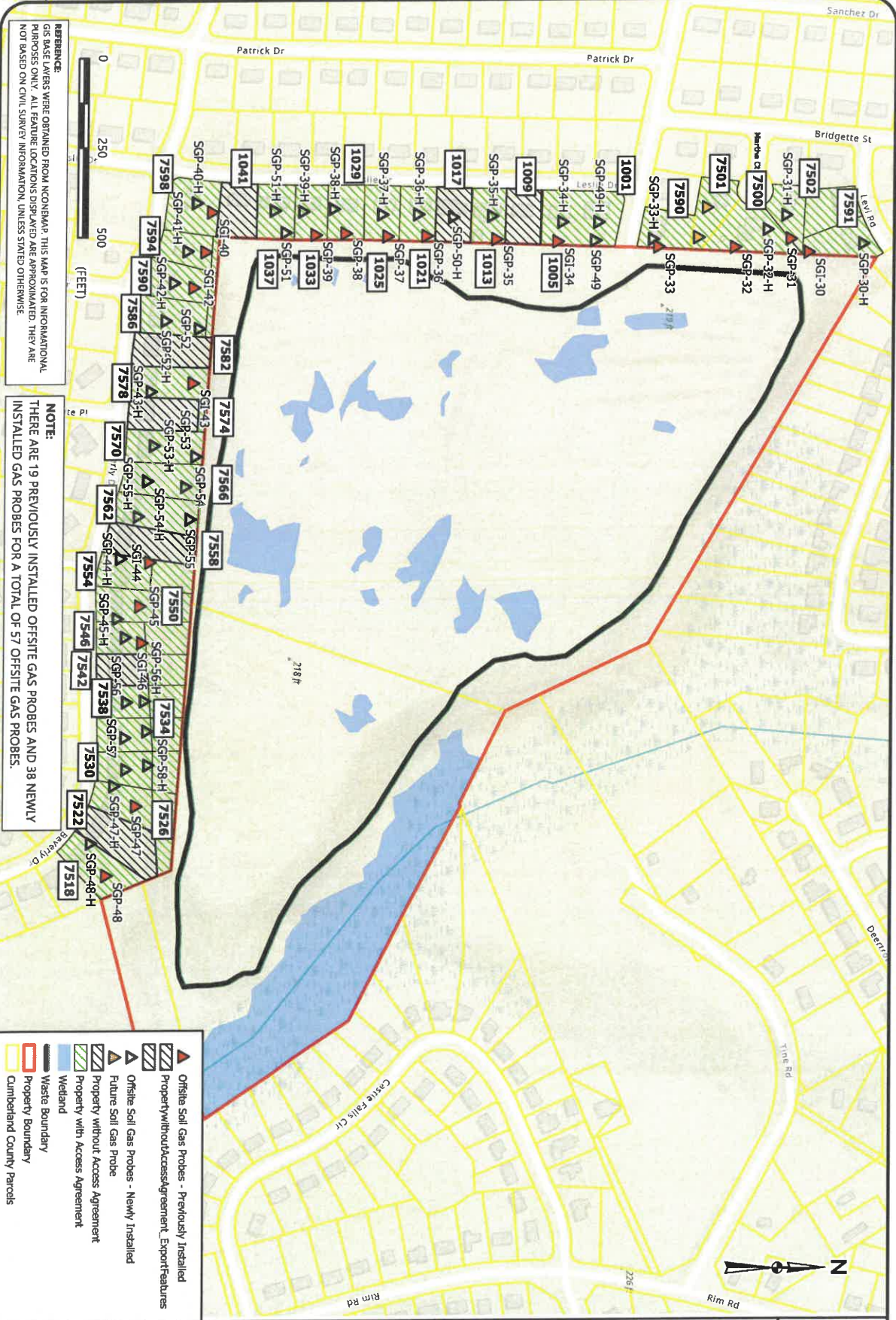
DATE: 6/11/2025

PROJECT NUMBER: 23050459

FIGURE NO: **2**

REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM NCGENMAP. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

NOTE:
 THERE ARE 19 PREVIOUSLY INSTALLED OFFSITE GAS PROBES AND 38 NEWLY INSTALLED GAS PROBES FOR A TOTAL OF 57 OFFSITE GAS PROBES.



	Offsite Soil Gas Probes - Previously Installed
	Property without Access Agreement, Export Features
	Offsite Soil Gas Probes - Newly Installed
	Future Soil Gas Probe
	Property without Access Agreement
	Property with Access Agreement
	Wetland
	Waste Boundary
	Property Boundary
	Cumberland County Parcels

SCALE:	1 in = 250 feet
DATE:	9/18/2025
PROJECT NUMBER:	23050459
FIGURE NO.:	3

**OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES**

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDEQ ID NCD980502900 TASK ORDER 2900RI-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA





DeNova Detect

10-Year Battery-Powered Natural Gas Alarm

DD620NV

Traditional Plug-In Natural Gas Alarms cost **over 4X more** to own than DeNova Detect 100% battery-powered alarms

Benefits

- First and only battery-powered natural gas alarm in the U.S.
- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
- No extension cord or outlet needed

Features

- **11 minutes more escape time.** Our low natural gas alarm threshold of 10% LEL alerts to emergencies earlier on average than competitors' higher 25% LEL threshold. Validated by Fire & Risk Alliance
- **100% Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines
- **Voice Alerts in English & Spanish** announce warnings of natural gas leak: "Danger – Gas Leak Explosion Risk – Evacuate, Then Call 911" "Peligro – riesgo de explosión por fuga de gas – evacuar, luego llamar al 911."
- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
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- **Micro-Electromechanical System (MEMS) sensor technology** provides accurate and faster detection of explosive natural gas leaks than traditional type sensors found in plug-in alarm
- **Virtually eliminates false alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others. Validated by GTI testing
- **Listed to UL 1484 Standard**

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit," is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



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Contact us to learn more at
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NC0054 / 11302023

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



September 26, 2025

LAWRENCE D & KIM L SHAW
7550 BEVERLY DR
FAYETTEVILLE, NC 28314

RE: Methane Detector
7550 BEVERLY DR
Parcel: #9486399662

Site: Cumberland County/Cliffdale LF
Lowell Harris Road
Fayetteville, Cumberland County, NC
ID# NCD980502900

Dear Property Owner:

You are receiving this letter because your property (7550 BEVERLY DR) is located next to the Cumberland County/Cliffdale LF (Site) which is under assessment by the North Carolina Department of Environmental Quality's Pre-Regulatory Landfill (PRLF) Program. Please refer to Figure 1 to see location of your property in relation to the Site.

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Analee Thornburg, Hydrogeologist
NCDEQ, Division of Waste Management
Superfund Section, Special Remediation Branch

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Attachments:

Map showing location of Street Address relative to the Cumberland County/Cliffdale LF (Figure 1)
Map showing laboratory methane results (Figure 2)
Map showing current additional assessment activities (Figure 3)



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

Location of 7550 Beverly Drive in relation to the Cumberland County/Cliffdale LF
Cumberland County/Cliffdale LF



7550 Beverly Drive

FIGURE NO.
1



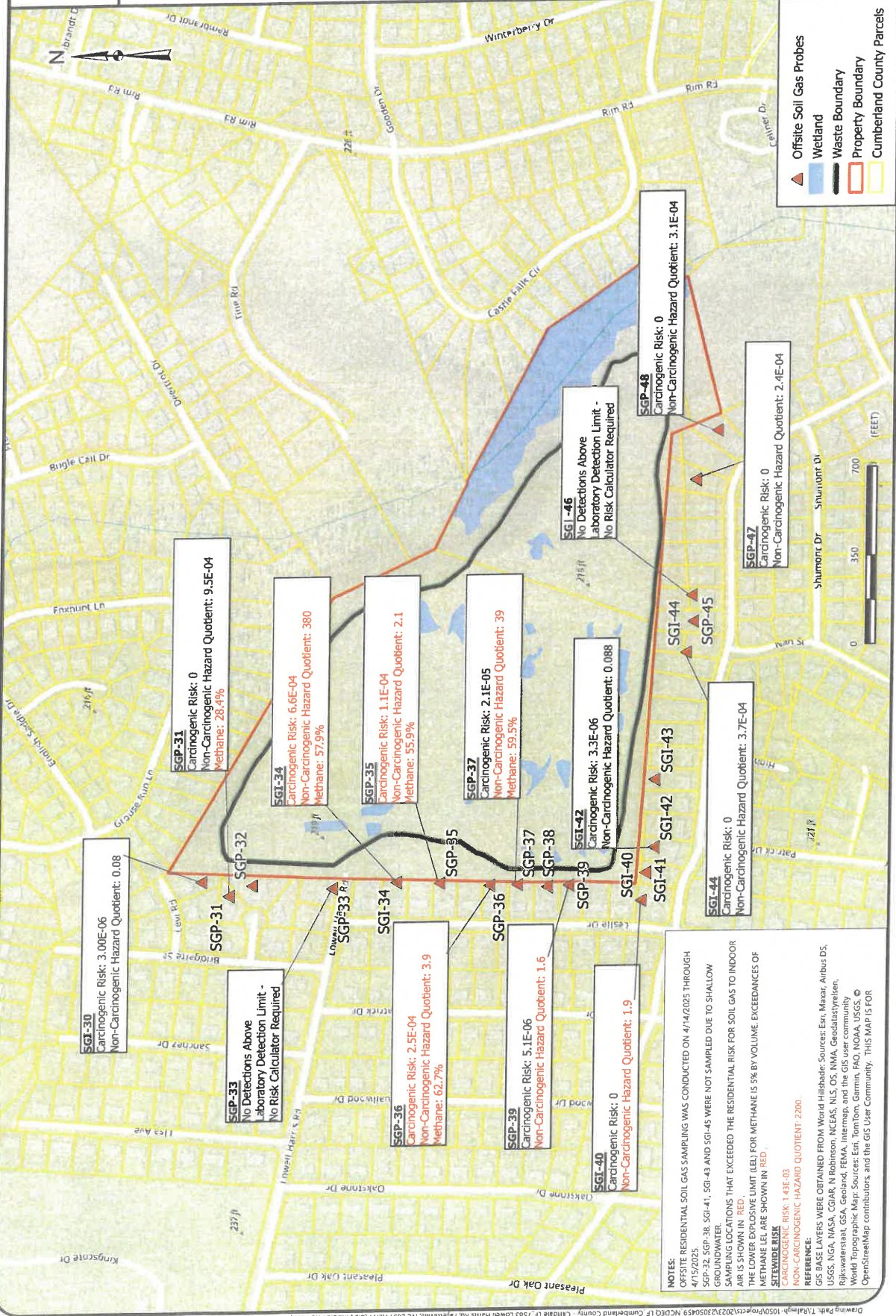
RESIDENTIAL SGP RISK ASSESSMENT & LABORATORY METHANE RESULTS MAP

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
NCEQ ID NCD980502900 TASK ORDER 2900RI-12
7583 LOWELL HARRIS ROAD FAYETTEVILLE NORTH CAROLINA

SCALE: 1 in. = 350 feet
DATE: 6/11/2025
PROJECT NUMBER: 23050459
FIGURE NO: 2

Offsite Soil Gas Probes

- Wetland
- Waste Boundary
- Property Boundary
- Cumberland County Parcels



NOTES:
 OFFSITE RESIDENTIAL SOIL GAS SAMPLING WAS CONDUCTED ON 4/14/2025 THROUGH 4/15/2025. SGP-38, SGP-41, SGP-43 AND SGP-45 WERE NOT SAMPLED DUE TO SHALLOW GROUNDWATER.
 AIR IS SHOWN IN RED.
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SITEWIDE RISK
 CARCINOGENIC RISK: 1.4E-03
 NON-CARCINOGENIC HAZARD QUOTIENT: 2200
REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM World Hillsshade: Sources: Esri, Maxar, Airbus DS, USGS, NOAA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, GeoDataByteN, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community
 World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. THIS MAP IS FOR



OFFSITE SOIL GAS PROBES
 ADDITIONAL ASSESSMENT ACTIVITIES

CUMBERLAND COUNTY / CLIFFDALE LANDFILL
 NCDCEQ ID NCD980502900 TASK ORDER 2900RI-15
 7583 LOWELL HARRIS ROAD FAYETTEVILLE, NORTH CAROLINA

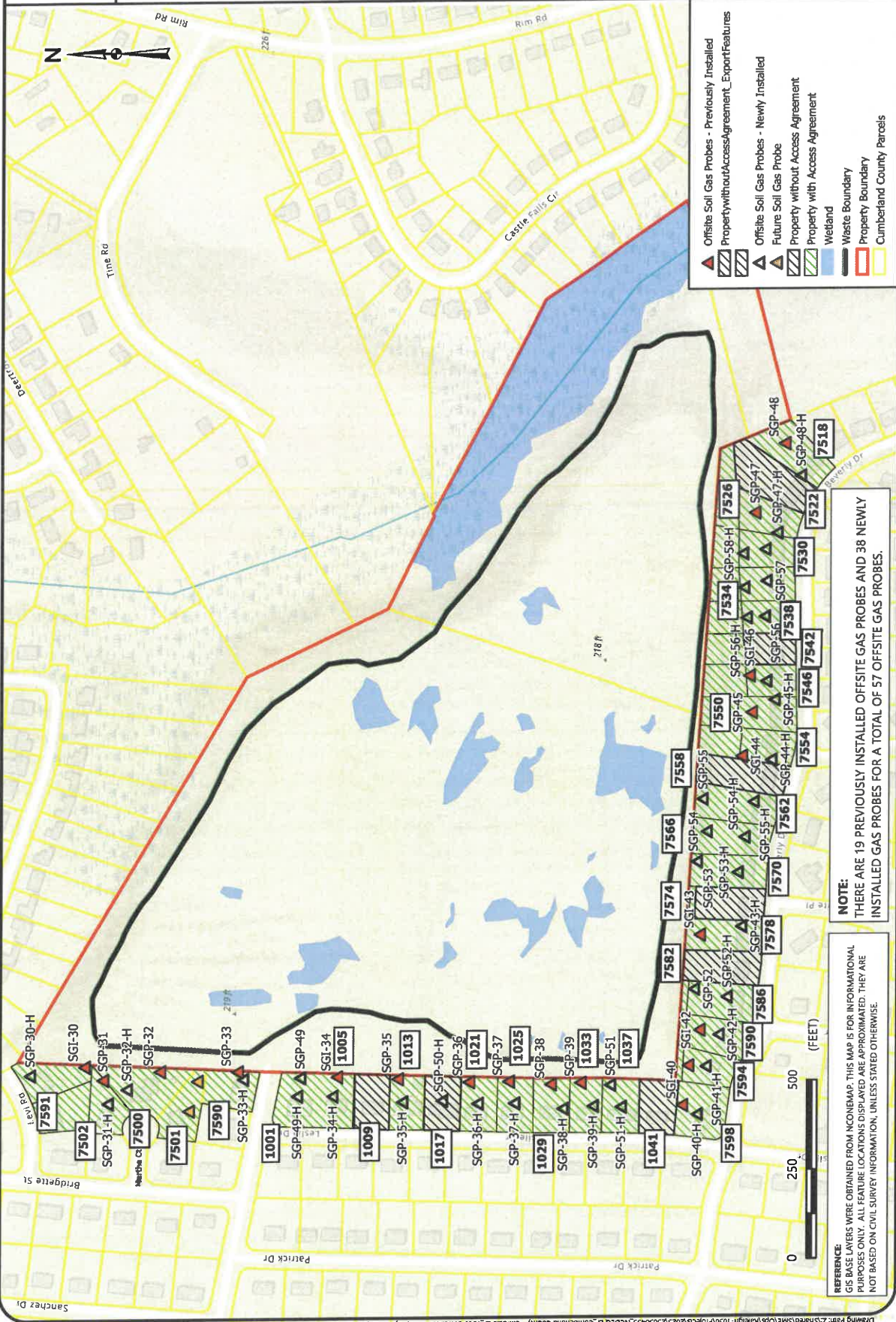
SCALE:
 1 in = 250 feet

DATE:
 9/18/2025

PROJECT NUMBER
 23050459

FIGURE NO.

3



REFERENCE:
 GIS BASE LAYERS WERE OBTAINED FROM NCEMAPP. THIS MAP IS FOR INFORMATIONAL
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DD620NV

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- Protection for less than 3¢ a day. No cost to operate
- Saves you money over time. Eliminates replacement battery and electricity costs
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- Listed to UL 1484 Standard

Specifications

Model Number	DD620NV
Dimensions	(W) 3.8in x (H) 3.8in x (D) 1.6in
Conforming standards	Gas Alarm Listed to UL STD 1484 Methane Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	85 dB @ 10 ft
Installation	Wall mount with included hardware or pipe mount with cable ties

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



DeNova Detect®
Smarter Gas Leak Safety

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