DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Enviro-Pro, PC

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Thomas H. Bolyard, P.G. Phone: (803) 547-4955

E-mail: enviropro@comporium.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
North Mecklenburg C&D Landfill	15300 Holbrooks Road, Huntersville, NC	60-13	.0500	7/1/14

Environmental Status: (Check all that apply)

☒ Initial/Background Monitoring ☐ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☐ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☐ Surface water monitoring data
☒ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify) _____

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☐ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☒ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Thomas H. Bolyard — Facility Representative Name (Print)

Senior Hydrogeologist — Title

(803) 547-4955 — (Area Code) Telephone Number

Thomas H. Bolyard — Signature

7/2/14 — Date

Affix NC Licensed/ Professional Geologist Seal

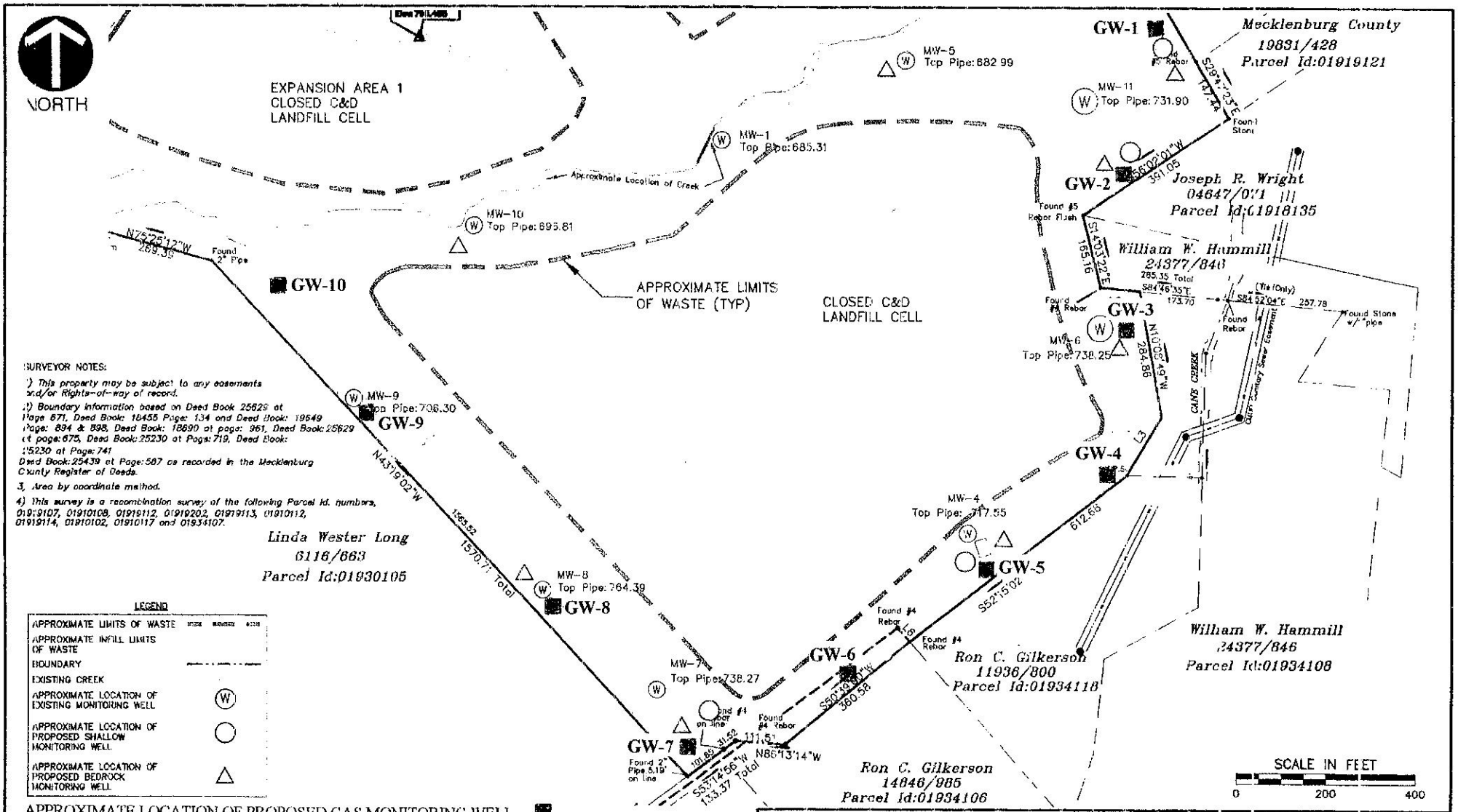
NORTH CAROLINA LICENSED SEAL 692 GEOLOGIST THOMAS H. BOLYARD

2646 Farmlake Lane, Fort Mill, SC

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009



SURVEYOR NOTES:

1) This property may be subject to any easements and/or Rights-of-way of record.

2) Boundary information based on Deed Book 25629 at Page 671, Deed Book: 18455 Page: 134 and Deed Book: 19649 Page: 894 & 898, Deed Book: 18690 at page: 961, Deed Book: 25629 at page: 675, Deed Book: 25230 at Page: 719, Deed Book: 25230 at Page: 741 Deed Book: 25439 at Page: 587 as recorded in the Mecklenburg County Register of Deeds.

3. Area by coordinate method.

4) This survey is a recombination survey of the following Parcel Id. numbers, 01919107, 01910108, 01919112, 01919202, 01919113, 01910112, 01919114, 01910102, 01910117 and 01934107.

LEGEND

APPROXIMATE LIMITS OF WASTE	
APPROXIMATE INFILL LIMITS OF WASTE	
BOUNDARY	
EXISTING CREEK	
APPROXIMATE LOCATION OF EXISTING MONITORING WELL	(W)
APPROXIMATE LOCATION OF PROPOSED SHALLOW MONITORING WELL	○
APPROXIMATE LOCATION OF PROPOSED BEDROCK MONITORING WELL	△

APPROXIMATE LOCATION OF PROPOSED GAS MONITORING WELL ■

SCALE IN FEET
0 200 400

REFERENCE

1. 2013 TOPOGRAPHIC INFORMATION PROVIDED BY PATTERSON LAND SURVEYING, PA – DATE OF AERIAL PHOTOGRAPHY JUNE 1, 2013
2. EXISTING TOPOGRAPHIC CONTOUR INFORMATION PROVIDED BY INDEPENDENT MAPPING CONSULTANTS – FEBRUARY 7, 2008
3. EXISTING AND PROPOSED WELL LOCATIONS PROVIDED BY PATTERSON LAND SURVEYING AND TOM BOLYARD, P.G. FROM ENVIRO-PRO, P.C.

Map Modified by Enviro-Pro, PC on Jan 21, 2014

Civil & Environmental Consultants, Inc.
2030 S. Tryon Street - Suite 3E - Charlotte, NC 28203
Ph: 980.224.8104 - Fax: 980.224.8172
www.cec-nc.com

GREENWAY WASTE SOLUTIONS OF NORTH MECK, LLC.
NORTH MECKLENBURG LANDFILL
HUNTERSVILLE, NC
PHASE 1
MONITORING WELL LOCATION MAP

DRAWN BY:	TMG	CHECKED BY	SLB	APPROVED BY:	TMG	FIGURE NO.:	1
DATE:	AUG. 2013	DWG SCALE:	1"=200'	PROJECT NO:	111-370.0001		

METHANE MONITORING FIELD DATA

Well Number: GW-1

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 10:30 AM

Ambient Temperature: 79° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.1 % LEL: 0.002

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-2

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 10:40 AM

Ambient Temperature: 80° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-3

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 10:50 AM

Ambient Temperature: 80° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 21.9 % LEL: >100

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-4

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 11:00 AM

Ambient Temperature: 80° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 6.3 % LEL: 0.01

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-5

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 11:15 AM

Ambient Temperature: 81° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 5.1 % LEL: >100

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-6

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 11:20 AM

Ambient Temperature: 81° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 26.7 % LEL: >100

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-7

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 11:30 AM

Ambient Temperature: 82° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.1 % LEL: 0.03

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-8

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 11:40 AM

Ambient Temperature: 82° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-9

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 11:50 AM

Ambient Temperature: 83° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

H_2S: 0%
Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: GW-10

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 12:00 PM

Ambient Temperature: 83° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: Good

Methane Reading: % Methane: 0.0 % LEL: 0

H_2S: 0%

Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: Gilkerson Barn

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 12:05 PM

Ambient Temperature: 83° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: N/A

Methane Reading: % Methane: 0.0 % LEL: 0.01

H_2S: 0%
Date of Last Calibration: 6/30/14

METHANE MONITORING FIELD DATA

Well Number: Gilkerson Shed

Project Name: North Mecklenburg C&D Landfill

Location: Huntersville, North Carolina

Project Number: EP-1217(A)

Date: 7/1/14

Personnel: BVB

Time: 12:10 PM

Ambient Temperature: 83° F

Barometric Pressure: 30.07

Weather Conditions: Sunny & Hot

Soil Moisture Conditions: Dry

Condition of Well: N/A

Methane Reading: % Methane: 0.0 % LEL: 0

H_2S: 0%

Date of Last Calibration: 6/30/14