

# STATE OF NORTH CAROLINA SOLID WASTE MANAGEMENT

Facility Annual Report for the period of  
July 1, 2020 - June 30, 2021.  
Use this reporting form for Municipal Solid Waste Landfill facilities.



## Facility Information

### MSW Landfill Facility Information

Permit Number 7607-MSWLF-2015

Permit Name Great Oak Landfill

### Contacts

Is the Facility Contact and the Billing Contact the same person?  Yes  No

### Facility Contact

Salutation *	First Name *	Last Name *	Title *	Telephone *	Email *
Mr.	Mike	McFeeley	District Manager	(336) 865-3201	mmcfeel1@wm.com

### Billing Contact

Salutation *	First Name *	Last Name *	Title *	Telephone *	Email *
Ms.	Vanesa	Hemphill	Operations Specialist	(336) 629-6028	vhemphil@wm.com

### Address

Is the Physical and Mailing Address the same?  Yes  No

### Physical Address

Street/Road* (?)	City/Town *	Zip Code *	County *
3597 Old Cedar Falls Road	Randleman	27317	Randolph

Disposal Operations\* Did your facility accept and dispose of waste during the reporting period?  
 Yes  No  
Enter Yes or No, then please click the Next button on the lower right.

### Airspace / Capacity Data

Questions in this section relate to all cells/units of the lined facility operated under the current 4-digit permit number regardless of whether the cells/units are closed or are not contiguous at the time of this report. Tonnage must be based on scale records and cover the period between the opening date and the date of the last survey unless another period is approved. Airspace measurements include daily, intermediate and final cover.

Most Recent Survey Date *	Total Airspace Used [cubic yards] *	Total Tons Disposed In Used Airspace *
1/7/2021	3,015,635	1,996,020

### Operations

Tipping Fee/Ton: \* \$ 36.47

Does the Tip Fee include the \$2/ton Solid Waste Tax? \*  Yes  No

Attach Fee Schedule if Needed Any document type may be uploaded here.

**Leachate Management\***

How is leachate transported to the waste water treatment facility?

- Sewer Connection       Pump Truck       Not Applicable       Other [Describe]

**Alternative Cover Information**

Please describe the type[s] of alternative daily cover used at this facility?  
Great Oak Landfill utilizes auto shredder residue (ASR), synthetic landfill cover tarps and Posi-Shell as alternate daily cover (ADC).

# Waste Disposal Data

## Waste Disposal Data Entry\*

Would you prefer to Manually Enter Data or Upload a Spreadsheet?

- Manually Enter Waste Disposal Data  
 Upload Spreadsheet

## Waste Sources from North Carolina

Please enter the Total amount of waste received at this facility originating from North Carolina during the reporting period. Indicate Tonnage received by County of waste origin. If waste was received from a Transfer Station, please indicate the County location of the Transfer Station.

StateCounty* (?)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
N Alamance C	1.14 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	1.14 0
N Brunswick C	0.00 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	21. 53	0.0 0	0.0 0	0.0 0	0.0 0	21.5 3
N Cabarrus C	0.00 0	0.0 0	0.0 0	5.9 7	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	5.97 0
N Catawba C	0.00 0	0.0 0	0.0 0	0.0 0	0.0 0	73. 23	104 .04	0.0 0	24. 99	26. 30	0.0 0	0.0 0	228. 56
N Chatham C	563. 88	586 .96	556 .58	587 .04	488 .76	466 .99	411 .10	605 .32	1,1 75. 24	1,0 37. 35	1,0 55. 09	1,1 90. 65	8,72 4.96
N Cumberland C	0.00 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	1.8 8	0.0 0	0.0 0	0.0 0	0.0 0	1.88 0
N Davidson C	59.8 6	8.9 5	9.9 8	0.0 0	653 .01	889 .59	910 .13	246 .88	459 .85	410 .15	72. 85	0.0 0	3,72 1.25
N Davie C	0.00 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	205 .55	0.0 0	0.0 0	0.0 0	205. 55
N Durham C	0.00 0	0.0 0	0.0 0	0.0 0	14. 06	0.0 0	0.0 0	0.0 0	0.0 0	233 .92	18. 41	511 .73	778. 12
N Edgecombe C	0.00 0	0.0 6	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 1	0.0 0	2.4 7	2.54 0
N Forsyth C	7,51 3.79	8,1 21. 39	6,5 27. 89	6,8 66. 72	5,5 82. 44	6,5 05. 87	11, 370 .51	12, 785 .65	17, 632 .16	1,6 94. 42	6,1 46. 49	8,0 88. 90	98,8 36.2 3
N Franklin C	0.00 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 3	0.03 0
N Gaston C	498. 99	799 .97	681 .76	384 .67	14. 96	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	2,38 0.35
N Guilford C	19,4 75.1 5	21, 409 .00	23, 086 .72	22, 916 .45	19, 118 .70	20, 242 .22	17, 190 .90	18, 983 .66	22, 111 .49	20, 884 .30	19, 094 .97	20, 964 .87	245, 478. 43
N Harnett C	0.00 0	0.0 0	0.0 0	0.0 0	0.0 0	12. 00	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	12.0 0
N Johnston C	5.32 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	25. 48	0.0 0	0.0 0	0.3 3	0.1 7	31.3 0
N Lee C	3,04 8.29	2,7 86. 02	2,8 72. 41	3,3 35. 76	2,8 78. 49	3,0 07. 66	2,7 28. 95	2,5 44. 02	2,8 76. 62	2,7 09. 87	2,2 42. 31	2,7 00. 09	33,7 30.4 9
N Mecklenburg C	10.6 5	39. 76	2.4 2	14. 33	0.0 0	7.8 2	437 .10	366 .61	111 .67	172 .01	1.4 14. 02	676 .11	3,25 2.50
N Mitchell C	0.00 0	0.0 0	0.0 0	0.0 5	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.05 0
N Moore C	0.00 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	4.6 4	0.0 0	0.4 1	0.0 0	0.0 0	5.05 0
N Nash C	0.00 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	7.6 3	190 .67	143 .35	341. 65
N Randolph C	7,58 6.63	7,3 36. 99	7,8 27. 64	8,4 22. 73	8,4 47. 30	8,6 00. 16	7,2 42. 23	6,1 07. 92	8,1 31. 60	7,1 25. 22	6,2 70. 98	6,9 80. 91	90,0 80.3 1
N Richmond C	0.03 0	0.0 0	0.0 0	0.0 0	0.0 0	0.0 0	42. 18	75. 70	0.0 0	0.0 0	0.3 3	0.0 0	118. 24

N	Robeson	0.00	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.95
C			0	0	5	0	0	0	0	0	0	0	0	
N	Rockingham	2,06	2,3	2,2	1,6	2,4	2,3	3,6	1,7	1,7	2,3	2,1	2,3	27,0
C		7.44	35.	14.	24.	67.	62.	69.	56.	31.	14.	33.	96.	73.5
			34	20	04	55	78	38	93	04	16	98	70	4
N	Rowan	4,37	4,7	4,7	4,2	4,4	4,6	3,9	4,1	4,9	4,7	4,2	4,2	53,5
C		2.45	33.	68.	01.	88.	08.	59.	70.	64.	57.	27.	82.	35.7
			53	64	78	27	33	73	96	60	71	04	66	0
N	Stokes	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.	0.0	0.0	39.2
C			0	0	0	0	0	0	0	0	26	0	0	6
N	Union	3.55	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	8.70
C			0	0	0	0	0	5	0	0	0	0	0	
N	Wake	6,59	6,1	6,1	5,8	5,6	6,6	6,1	5,5	6,2	6,4	5,2	7,2	74,0
C		9.50	56.	33.	21.	81.	62.	87.	26.	68.	84.	79.	72.	71.6
			14	20	00	85	08	50	78	13	19	21	09	7
N	Wayne	0.00	0.0	0.0	0.0	44.	48.	29.	0.0	0.0	7.6	0.0	9.0	139.
C			0	0	0	90	00	50	0	0	7	0	1	08
N	Wilson	0.00	0.0	0.0	52.	92.	33.	0.0	0.0	30.	0.0	0.0	0.0	208.
C			0	0	37	64	14	0	0	67	0	0	0	82

**Total NC Sources**

643,035.85

**Out-of-State Waste**

Did your facility receive waste from Out-of-State sources?

Yes

No

**Total Waste Received**

643,035.85

## Recovered Material Data

Please indicate what other activities occur at this facility below.

- Recycling/Reuse Collection     Scrap Tire Collection  
 White Goods Collection     Household Hazardous Waste Collection  
 Enter Other Activity

### Recovered Materials Table

Please list below the quantities of materials that were counted in the Waste Disposal Data table but removed from the waste stream at this facility. Source-Separated material recovery will be counted in the Local Government Solid Waste and Materials Management Annual Reporting Form. [That form is available at this link: <https://deq.nc.gov/about/divisions/waste-management/solid-waste-section/annual-reporting>.]

Material	Tons
Aluminum Cans	0.00
Cardboard	0.00
Carpet	0.00
Commingled Recyclables	0.00
Computer Equipment	0.00
Concrete / Rubble / Asphalt	0.00
Fluorescent Light Bulbs	0.00
Glass	0.00
Gypsum / Drywall Board	0.00
Metal: Steel Cans	0.00
Metal: Other	0.00
Pallets	0.00
Paper	0.00
Plastic	0.00
Televisions	0.00
Used Oil / Oil Filters	0.00
White Goods	0.00
Wood	0.00

Specify Other	Recovered Tons(?)
	0.00

**Total Material Recovered from the Waste Stream, Tons**                      0.00

# NC E-500K Disposal Tax and Waste Summary

## NC E-500K Disposal Tax Data

If your facility is required to file NC E-500K forms with NC Department of Revenue, please provide the four quarterly tonnages this facility reported during the reporting period.

Quarter	Tons Reported
Jul 1 - Sep 30	154,269.22
Oct 1 - Dec 31	151,300.20
Jan 1 - Mar 31	166,036.71
Apr 1 - Jun 30	144,446.76

**Total NC E-500K Tons Reported** 616,052.89

**Exempt Waste Disposal \***

Did your facility dispose of waste materials that were exempt from the NC E-500K Disposal Tax or Was the Total NC E-500K Tons Reported above adjusted from the Net Waste Subject to Tax below?

Yes  No

**Total Exempt or Adjusted Tonnage \***

Please enter the amount [tons] of waste disposed in your facility that was exempt from the NC E-500K Disposal Tax or the adjusted amount between the Total NC E-500K Tons Reported above and the Net Waste Subject to Tax below.

26982.96

**Description of Exempt or Adjusted Waste Tonnage \***

Please provide a description of any tax-exempt tons disposed or explain any adjustment between the Total NC E-500K Tons Reported above and the Net Waste Subject to Tax below.

Exempted tons included auto-shredder residue (ASR) and contaminated soils used as alternate daily cover (ADC).

## Summary of Facility Activity

Please verify the totals of waste received, recycled, landfilled and tax exempt below.

Total Waste Received	Total Recovered	Net Waste Landfilled	Landfill Rate	Exempt / Adj Waste	Net Waste Subject to Tax
643,035.8	0.00	643,035.8	1.00	26,982.96	616,052.8
5		5			9

If the totals above are incorrect, please review and correct the data in the Waste Disposal and Recovered Materials tabs.

## Waste Disposal Summary

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### Waste Disposal Summary

Please verify the totals of waste received, recycled and/or landfilled below.

<b>Total Waste Received</b>	<b>Total Recovered</b>	<b>Net Waste Landfilled</b>	<b>Landfill Rate</b>
643,035.85	0.00	643,035.85	1.00

If the totals above are incorrect, please review and correct the data in the Waste Disposal and Recovered Materials tabs.

# Risk Assessment

## Receptors

Please indicate either Yes or No for each question below and provide the verifiable distance or distances requested [such as using range finders, GIS maps, survey measurements]. Please attach additional information including GIS maps, lists of potable well locations, etc.

- \* 1. Are Residential Structures located within 1,500 feet of the Edge of Waste?  
 Yes  No
- \* If Yes, how many?  
1
- \* Please list the three closest distances [in feet] from the Edge of Waste.  
1250
- \* 2. Are Water Supply Wells located within 1,500 feet of the Edge of Waste?  
 Yes  No
- \* If Yes, how many?  
2
- \* Please list the three closest distances [in feet] from the Edge of Waste.  
900, 1250
- \* 3. Are Community/Municipal Water Supply Wells located within 1,500 feet of the Edge of Waste?  
 Yes  No
- \* 4. Are Surface Water Features located within 1,500 feet of the Edge of Waste?  
 Yes  No
- \* If Yes, how many?  
1
- \* Please list the three closest distances [in feet] from the Edge of Waste.  
900
- \* Please list the names of the water bodies.  
Gabriel's Creek
- \* 5. Is Public Water Available within 1,500 feet of the Edge of Waste?  
 Yes  No
- \* If Yes, how many of the Residential Structures noted above are connected?  
0

## Corrective Measures

- \* 6. Does the facility use an active methane extraction system [blower, vacuum, flare, etc.]?  
 Yes  No
- \* 7. Does the facility use an passive methane extraction system [trench, vents, etc.]?  
 Yes  No
- \* 8. Is active ground water remediation taking place on site?  
 Yes  No

Upload Additional Risk Assessment Documents

Comments

Active landfill gas extraction system and flare put into service in February of 2021.



## Certified Operators / Certification / Submittal

### Certified Operators\*

Are SWANA or other certified operator[s] employed at your facility?

Yes

No

### SWANA or Other Certified Operators

Please enter the following information for all Certified Operators working at your facility.

Name	Certification Type	Expiration Date
Mike McFeeley	Manager of LF Operations	9/15/2023
Bobby Owens	Manager of LF Operations	9/15/2023
Bryan Wall	Certified LF Operations Specialist	6/28/2024
Vanessa Hemphill	Certified LF Operations Specialist	6/28/2023
Randy White	Certified LF Operations Specialist	6/28/2023
Darren Wilson	Certified LF Operations Specialist	6/28/2023
Jeff Garner	Certified LF Operations Specialist	3/17/2023
Daniel Bowland	Certified LF Operations Specialist	9/28/2024
Lisa Thompson	Certified LF Operations Specialist	3/9/2024

### Certification\*

CERTIFICATION: I certify that the information provided is an accurate representation of the activity at this facility.

REMINDER: According to G.S. 130A-309.09D(b), this report must be sent to the County Manager of each county from which waste was received. A copy of this report will be automatically forwarded to the Regional Environmental Senior Specialist for your county.

### Name\*

Michael R. McFeeley

### Title\*

District Manager

### Email\*

mmcfeel1@wm.com

### Date\*

7/27/2021

### Comments