MSW	State of North Carolina Department of Environmental Quality Division of Waste Management	**MUNICIPAL SOLID WASTE LANDFILL** Facility Annual Report For the period of **July 1, 2015-June 30, 2016**

According to G.S. 130A-309.09D(b), completed forms must be returned by August 1, 2016 and a copy of this report must be sent to the County Manager of each county from which waste was received. If you have questions or require assistance in completing this report, contact your Regional Environmental Senior Specialist.

Facility Name: Iredell County Solid Waste Permit: 4903-MSWLF-1993

Physical Address	Mailing Address
Street 1: 354 Twin Oaks Road	Street 1: 354 Twin Oaks Road
Street 2:	Street 2:
City: Statesville County: Iredell	City: Statesville
State: North Carolina Zip: 28625	State: North Carolina Zip: 28625

Primary Facility Contact Person	Billing Contact Person
Name: David Lambert	Name: Jamie Buzze
Phone: (704) 878-5430 Fax: (704) 878-5429	Phone: (704) 928-2024 Fax: (704) 878-5429
Email: dlambert@co.iredell.nc.us	Email: jamie.buzze@co.iredell.nc.us

1. Tipping Fee: $35.00 per Ton (Attach a schedule of tipping fees if appropriate.)

2. Does the tip fee above include the $2.00 Solid Waste Tax? ☐ Yes ☒ No

3. Did your facility stop receiving waste during this past Fiscal Year? ☐ Yes ☒ No
   If so, please report the date this occurred:

4. How is your leachate transported to the waste water treatment plant? ☒ Sewer Connection ☐ Pump Truck ☐ N/A

Airspace (Capacity): 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 questions must be based on scale records and cover the period between the opening date and the date of the last survey unless another time period is approved. Airspace measurements include daily, intermediate and final cover.	5. Date Facility Last Surveyed: 06/22/2016 6. Airspace Used (cubic yards): 5,415,346 7. Total Tons Disposed in Airspace Used (tons): 3,270,641

8. Do you utilize any alternate daily cover at this facility? If so, please describe below.

Yes, we currently use the following forms of alternative daily cover:

- Posi-Shell
- Enviro Cover

For Internal Use Only:

Received	218,578.42
Recycled	28,717.68
Landfilled	189,860.74
Landfill Rate	0.8686

9. Total material **RECEIVED** (waste + recyclables) at this facility during the period of July 1, 2015, through June 30, 2016. Indicate **tonnage** received by COUNTY of waste origin. If waste was received from a transfer station, indicate the COUNTY LOCATION OF THE TRANSFER STATION.

North Carolina Sources

State	County	Jul-Sept (Qtr1)	Oct-Dec (Qtr2)	Jan-Mar (Qtr3)	Apr-Jun (Qtr4)	Total
NC	Iredell	48,514.93	52,374.44	60,057.78	57,631.27	218,578.42
NC						
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NC						
					In-State Total	218,578.42

Outside of North Carolina Sources

State	County	Jul-Sept (Qtr1)	Oct-Dec (Qtr2)	Jan-Mar (Qtr3)	Apr-Jun (Qtr4)	Total
					Out-of-State Total	

Total Material Received (In-State + Out-of-State tons)	**218,578.42**

10. What other activities occur at this facility? (check all that apply)

☒ Recycling/Reuse Collection ☒ Scrap Tire Collection ☒ White Goods Collection ☒ Household Hazardous Waste Collection

If you checked Recycling/Reuse Collection, please indicate the materials and amount recycled (tons):

Material	Tons		Material	Tons
Paper	483.6		Concrete/rubble/asphalt	11,008.86
Plastic	231.1		Computer Equipment	20.29
Carpet			Televisions	265.55
Cardboard	615.98		Fluorescent Light Bulbs	
Glass	133.56		Used oil/oil filters	81.05
Aluminum Cans	14.02		Wood	
Steel Cans	21.43		Gypsum/Drywall	
Other Metal	1,184.85		Other (specify): Antifreeze, Batteries, HH	57.45
Pallets	378.49		Other (specify): Brush, Leaves, Misc. Rec	10,850.01
Commingled Recyclables			Other (specify): Pesticides, Shingles,Tires	3,371.44
			Total Recycled Material	28,717.68

Summary of Facility Activity

11. Input total amount of waste that was received, recycled, and that is exempt from taxation (ex-sludge,biosolids). Subtract total recycled material and total tax-exempt tons from total tonnage received**. This number should represent the amount of tons subject to the solid waste disposal tax and thus should equal the E-500K tax tonnage total on right.**

Waste/Material		Tons
Total Tonnage Received (question 9)		218,578.42
Total Received Materials Recycled (question 10)	-	28,717.68
Total Tons Landfilled at this Facility	=	189,860.74
Disposed Tons Exempt from Taxation* (if any)	-	
Total Tonnage Subject to Disposal Tax	=	189,860.74

=

NC Solid Waste Disposal Tax

12. If required to file NC E-500K forms with NC Dept. of Revenue, provide the four quarterly tonnages this facility reported for fiscal year 2015-2016.

Quarter	Tons Reported
July 1 - September 30 (Qtr1)	44,869.45
October 1 - December 31 (Qtr2)	47,390.01
January 1 - March 31 (Qtr3)	46,861.24
April 1 - June 30 (Qtr4)	50,740.04
NC E-500K Tax Tonnage Total	189,860.74

13. If you indicated that your facility disposed tons of waste materials that were exempt from taxation in Question 11*, please provide a description of any tax exempt tons disposed and explain any difference existing between Total Tonnage Subject to Disposal Tax and NC E-500K Tax Tonnage Total.

14. Are there SWANA or other certified operator(s) at this facility? ☒ Yes ☐ No

If yes, indicate the following:

Name: David Lambert	Certification type and expiration date: MOLO 5/7/2019
Name: Terence Boller	Certification type and expiration date: MOLO 6/6/2017
Name: Larry Edward Beam Jr.	Certification type and expiration date: MOLO 6/6/2017
Name: Roger Eades	Certification type and expiration date: Landfill Operations Specialist 9/4/2018
Name: Wesley Feimster	Certification type and expiration date: Landfill Operations Specialist 3/12/2019

15. Comments, suggestions or notes:

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

Please return your completed report to:

Kim Sue
610 East Center Avenue
Mooresville, NC 28115
phone: 704.235.2163 email: kim.sue@ncdenr.gov

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

Signature: David Lambert Digitally signed by David Lambert Date: 2016.07.22 15:24:57 -04'00' Date: Jul 22, 2016

Name: David Lambert Title: Director of Solid Waste

Phone Number: (704) 878-5430 Email: dlambert@co.iredell.nc.us

NC DEQ
Division of Waste Management - Solid Waste Section

Risk Assessment Form

Facility Name: Iredell County Solid Waste Permit: 4903-MSWLF-1993

Address: 354 Twin Oaks Road

City: Statesville State: North Carolina Zip: 28625

Person completing Assessment: David Lambert Date: Jul 22, 2016

Phone Number: (704) 878-5430 Fax: (704) 878-5429 Email: dlambert@co.iredell.nc.us

Instructions:	Please indicate either *Yes or No* for each Receptor and Post Closure Maintenance question. Then please determine the distance or distances for each Receptor from the *Edge of Waste* (using range finders and/or GIS maps) and type that information into the form. Please attach additional information including GIS maps, lists of potable well locations, etc.

Receptors

1. Are there Residential Structures Within 1,500 feet of the Edge of Waste? ☒ Yes ☐ No

   If Yes, how many? 14

   What are the three closest distances from the *Edge of Waste*? 700 Feet 800 Feet 900 Feet

2. Are there Water Supply Wells Within 1,500 feet of the Edge of Waste? ☐ Yes ☒ No

   If Yes, how many? _____

   What are the three closest distances from the *Edge of Waste*? _____ Feet _____ Feet _____ Feet

3. Are there Community/Municipal Wells Within 1,500 feet of the Edge of Waste? ☒ Yes ☐ No

   If Yes, how many? 1

   What are the three closest distances from the *Edge of Waste*? 700 Feet _____ Feet _____ Feet

4. Are there Surface Water Features Within 1,500 feet of the Edge of Waste? ☒ Yes ☐ No

   If Yes, how many? 7

   What are the three closest distances from the *Edge of Waste*? 200 Feet 200 Feet 200 Feet

   Please list the names of the water bodies: Unnamed Tributaries of Fourth 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? 14

Corrective Measures

6. Is there an active methane extraction system (blower, flare, etc.)? ☒ Yes ☐ No
7. Is there a passive methane extraction system (trench, vents in cap, flare, etc.)? ☒ Yes ☐ No
8. Is there groundwater remediation taking place on site? ☐ Yes ☒ No

   If Yes, what is the specific remedial technology used? _____

Comments