Illinois Environmental Protection Agency

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Illinois Landfill Disposal Capacity Report



Introduction

Pursuant to Section 4 of the Illinois Solid Waste Management Act, the Illinois Environmental Protection Agency (Illinois EPA) has prepared this report reflecting the available disposal capacity of permitted landfills and the estimated life expectancy of those landfills. This report identifies the cumulative remaining disposal capacity and landfill life expectancy for the state as a whole, each of the seven administrative regions of the state, and each active permitted landfill. Sections 22.15 and 22.44 of the Illinois Environmental Protection Act each require permitted solid waste landfills to report to the Illinois EPA the volume of solid waste accepted during the calendar year and the remaining disposal capacity as of January 1 of the following calendar year. For this report, the projected life expectancy of each landfill is determined by dividing the remaining disposal capacity of the landfill on January 1, 2017, by the landfill's disposal rate during calendar year 2016.

During calendar year 2016, 38 permitted landfills in Illinois reported receiving a total of 46,750,820 cubic yards of solid waste. These landfills have a remaining combined available disposal capacity of 983,948,083 cubic yards. At the current disposal rate, these landfills will have a cumulative life expectancy of approximately 21 years. However, landfill capacity and life expectancy may vary year-to-year based on a number of factors, including waste disposal rates, landfill expansion, and the construction of new landfills.

Statewide Disposal Capacity

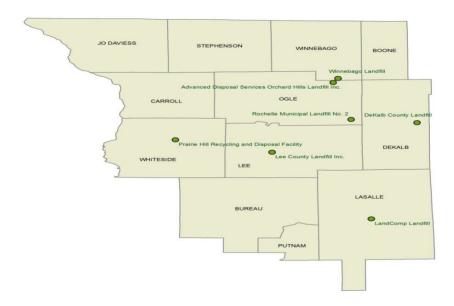
The Illinois EPA divides the state into seven administrative regions. These regions have different landfill populations, disposal rates, landfill capacities, and resulting landfill life expectancies. The table below identifies this information on a regional basis.

Landfill Capacity and Disposal Volume by Region

| Region Number | Geographic Area | Number of Landfills | Capacity (yd ³) | Disposal Volume (yd ³) | Life Expectancy (yrs) |
|------------------|--------------------------------|------------------------|--------------------------------|---------------------------------------|--------------------------|
| 1 | Northwestern Illinois | 7 | 280,751,604 | 16,399,306 | 17.1 |
| 2 | Chicago Metropolitan | 5 | 90,108,208 | 7,817,946 | 11.5 |
| 3 | Peoria/Quad Cities | 6 | 129,398,168 | 4,692,903 | 27.6 |
| 4 | East Central Illinois | 7 | 170,783,372 | 7,313,074 | 23.4 |
| 5 | West Central Illinois | 4 | 35,430,276 | 1,670,290 | 21.2 |
| 6 | St. Louis Metropolitan East | 4 | 194,395,976 | 7,233,307 | 26.9 |
| 7 | Southern Illinois | 5 | 83,080,479 | 1,623,994 | 51.2 |
| Total | | 38 | 983,948,083 | 46,750,820 | 21 |

Region 1: Northwestern Illinois

Seven landfills in Region 1 reported available capacity as of January 1, 2017. The location of each landfill in Region 1 is depicted below.

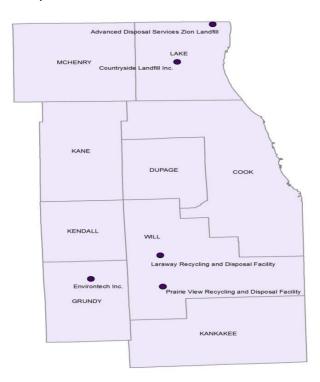


The table below reflects the reported capacity on January 1, 2017, the volume of waste disposed in 2016, and the projected life expectancy of each landfill in Region 1. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 1 as a whole.

| Landfill | Capacity (yd ³) | Disposal Volume (yd ³) | Life Expectancy (yrs) |
|--|-----------------------------|---------------------------------------|--------------------------|
| Advanced Disposal Services Orchard Hills Landfill Inc. | 77,032,030 | 7,586,619 | 10.2 |
| DeKalb County Landfill | 73,923,426 | 2,021,838 | 36.6 |
| LandComp Landfill | 15,850,742 | 939,019 | 16.9 |
| Lee County Landfill Inc. | 53,644,868 | 1,293,146 | 41.5 |
| Prairie Hill Recycling and Disposal Facility | 38,783,348 | 1,016,463 | 38.2 |
| Rochelle Municipal Landfill No. | 10,865,852 | 556,523 | 19.5 |
| Winnebago Landfill | 10,651,338 | 2,985,698 | 3.6 |
| Total | 280,751,604 | 16,399,306 | 17.1 |

Region 2: Chicago Metropolitan

Five landfills in Region 2 reported available capacity as of January 1, 2017. The location of each landfill in Region 2 is depicted below.

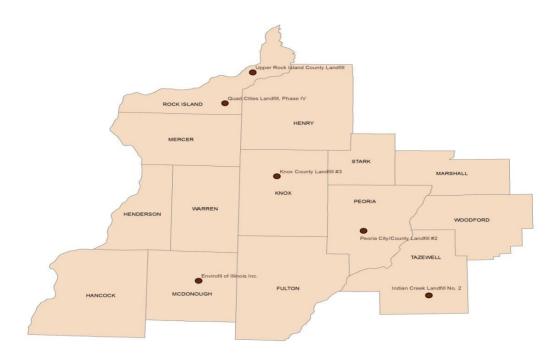


The table below reflects the reported capacity on January 1, 2017, the volume of waste disposed in 2016, and the projected life expectancy of each landfill in Region 2. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 2 as a whole.

| Landfill | Capacity (yd ³) | Disposal Volume (yd ³) | Life Expectancy (yrs) |
|--|-----------------------------|---------------------------------------|--------------------------|
| Advanced Disposal Services Zion Landfill | 21,478,742 | 2,149,077 | 10 |
| Countryside Landfill Inc. | 10,015,746 | 1,141,142 | 8.8 |
| Environtech Inc. | 0 | 130,405 | 0 |
| Laraway Recycling and Disposal Facility | 19,676,403 | 2,180,040 | 9 |
| Prairie View Recycling and Disposal Facility | 38,937,317 | 2,217,282 | 17.6 |
| Total | 90,108,208 | 7,817,946 | 11.5 |

Region 3: Peoria/Quad Cities

Six landfills in Region 3 reported available capacity as of January 1, 2017. The location of each landfill in Region 3 is depicted below.



The table below reflects the reported capacity on January 1, 2017, the volume of waste disposed in 2016, and the projected life expectancy of each landfill in Region 3. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 3 as a whole.

| Landfill | Capacity (yd ³) | Disposal Volume (yd ³) | Life Expectancy (yrs) |
|-----------------------------------|-----------------------------|---------------------------------------|--------------------------|
| Envirofil of Illinois Inc. | 17,915,456 | 183,548 | 97.6 |
| Indian Creek Landfill No. 2 | 33,406,245 | 1,066,590 | 31.3 |
| Knox County Landfill #3 | 1,761,930 | 311,353 | 5.7 |
| Peoria City/County Landfill #2 | 4,467,470 | 814,481 | 5.5 |
| Quad Cities Landfill, Phase IV | 58,223,370 | 1,532,444 | 38 |
| Upper Rock Island County Landfill | 13,623,697 | 784,487 | 17.4 |
| Total | 129,398,168 | 4,692,903 | 27.6 |

Region 4: East Central Illinois

Seven landfills in Region 4 reported available capacity as of January 1, 2017. The location of each landfill in Region 4 is depicted below.



The table below reflects the reported capacity on January 1, 2017, the volume of waste disposed in 2016, and the projected life expectancy of each landfill in Region 4. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 4 as a whole.

| Landfill | Capacity (yd ³) | Disposal Volume (yd ³) | Life Expectancy (yrs) |
|--|-----------------------------|---------------------------------------|--------------------------|
| ADS/McLean County Landfill #2 | 699,968 | 568,393 | 1.2 |
| Advanced Disposal Services Valley View Landfill Inc. | 19,376,987 | 531,700 | 36.4 |
| Brickyard Disposal and Recycling Inc. | 11,730,734 | 674,868 | 17.4 |
| Clinton Landfill #3 | 39,139,398 | 855,739 | 45.7 |
| Illinois Landfill | 19,721,828 | 101,662 | 194 |
| Landfill #33 Ltd. | 1,469,527 | 273,657 | 5.4 |
| Livingston Landfill | 78,644,930 | 4,307,055 | 18.3 |
| Total | 170,783,372 | 7,313,074 | 23.4 |

Region 5: West Central Illinois

Four landfills in Region 5 reported available capacity as of January 1, 2017. The location of each landfill in Region 5 is depicted below.



The table below reflects the reported capacity on January 1, 2017, the volume of waste disposed in 2016, and the projected life expectancy of each landfill in Region 5. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 5 as a whole.

| Landfill | Capacity (yd ³) | Disposal Volume (yd ³) | Life Expectancy (yrs) |
|---|-----------------------------|---------------------------------------|--------------------------|
| Five Oaks Recycling and Disposal Facility | 24,033,049 | 712,774 | 33.7 |
| Hickory Ridge Landfill | 3,010,756 | 456,977 | 6.6 |
| Litchfield-Hillsboro Landfill | 2,640,704 | 199,386 | 13.2 |
| Sangamon Valley Landfill Inc. | 5,745,767 | 301,153 | 19.1 |
| Total | 35,430,276 | 1,670,290 | 21.2 |

Region 6: St. Louis Metropolitan East

Four landfills in Region 6 reported available capacity as of January 1, 2017. The location of each landfill in Region 6 is depicted below.

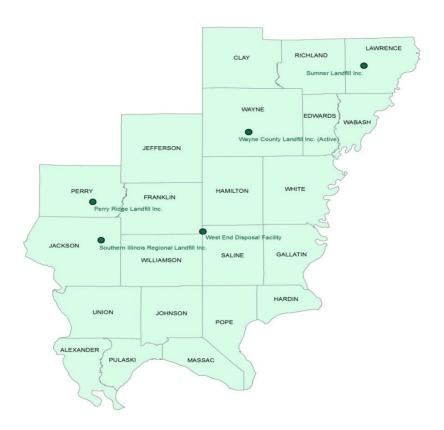


The table below reflects the reported capacity on January 1, 2017, the volume of waste disposed in 2016, and the projected life expectancy of each landfill in Region 6. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 6 as a whole.

| Landfill | Capacity (yd ³) | Disposal Volume (yd ³) | Life Expectancy (yrs) |
|--|-----------------------------|---------------------------------------|--------------------------|
| Cottonwood Hills RDF | 80,962,800 | 1,130,039 | 71.6 |
| Milam Recycling and Disposal Facility | 1,134,300 | 316,982 | 3.6 |
| North Milam Landfill (Opened October 2013) | 42,392,790 | 2,276,888 | 18.6 |
| Roxana Landfill Inc. | 69,906,086 | 3,509,398 | 19.9 |
| Total | 194,395,976 | 7,233,307 | 26.9 |

Region 7: Southern Illinois

Five landfills in Region 7 reported available capacity as of January 1, 2017. The location of each landfill in Region 7 is depicted below.



The table below reflects the reported capacity on January 1, 2017, the volume of waste disposed in 2016, and the projected life expectancy of each landfill in Region 7. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 7 as a whole.

| Landfill | Capacity (yd ³) | Disposal Volume (yd ³) | Life Expectancy (yrs) |
|--|-----------------------------|---------------------------------------|-----------------------|
| Perry Ridge Landfill Inc. | 12,118,377 | 187,254 | 64.7 |
| Southern Illinois Regional Landfill Inc. | 40,949,460 | 1,000,042 | 40.9 |
| Sumner Landfill Inc. | 5,961,104 | 196,452 | 30.3 |
| Wayne County Landfill Inc. | 3,604,082 | 0 | |
| West End Disposal Facility | 20,447,456 | 240,246 | 85.1 |
| Total | 83.080.479 | 1.623.994 | 51.2 |