

Total volume of leaves collected annually Leafing season typically begins each year during early November and concludes at the end of December (weather permitting). A load of leaves is equal to approximately 20 yards. It's measured this way (versus tons) because the weather is obviously variable during this season and crews can be facing rain, ice and/or snow (or since it's the midwest, even all three during the same day) during leaf collection. As a result, the leaves could be potentially light and dry one day, and then wet and heavy the next. A total of 356 leafer loads (7,120 yards of leaves) were collected in 2019. **fuel usage by the program:** Approximately 5,946 gallons on fuel (for a cost of \$15,874) **labor costs for the program:** \$403,331.60 **GGE** All trucks that pull the leafers meet EPA emissions guidelines (specific guidelines can vary by year of vehicle manufacture). **Information about why we have one vehicle instead of many** There were a total of 9 operational leafers (2 new leafing units were delivered in 2019). Additionally, there are 2 non-operational leafers in storage that are out of service. Crews will be removing a good motor from one unit that has a bad frame and placing it onto the other unit that has a bad motor, but a good frame. As a result of this salvage effort, there will only be 10 operational units available next year. **Information about how the leaf collection routes are determined, how often the truck goes out, and how many hours per day the truck runs when it does go out** Leaf collection routes rotate annually so that they begin and end in different quadrants of the city every year (i.e. leafing starts on the northside and ends in the southside one year and the next it begins in the westside and ends in the eastside, etc.). The routes are operated in this fashion so that no one individual neighborhood, or particular area of the city, has their leaves collected first or last in the season each year. The leafing trucks operate on their routes around 7 hours per day. On good, dry days, the trucks will go back and forth to the dump site to off-load their leaves (at the Green Earth composting facility, 650 E. Empire Mill Road) approximately 4-5 times daily, then return back to their routes. On rainy or snowy days when the leaves are wet (or full of frost) and heavy, collection volumes will be lower, so this might only be 2-3 times per day returning to Green Earth.

Are there leaf compactors on the trucks? The leafers are essentially one large vacuum and compacting machine combined (and they're towed behind trucks, essentially like a very large trailer). SEE ATTACHED PIC. **Why is there only one composting site?** The prospect of having multiple composting sites in Monroe County would be of great benefit to the City; however, the Indiana Department of Environmental Management (IDEM) requires that facilities be licensed before beginning compost collection activities. Requirements for composting facilities are specified in Indiana Code (IC 13-20-10). There is only one currently viable facility in Monroe County that can handle the volume and capacity of the City's collected leaves (Green Earth, which is the City's current provider). Since the City must enter into a contract for composting services, a request for quotes is sent out seeking any qualified and experienced vendors. As stated in the City's request for quote document, the composting site shall be a properly licensed facility and must be located as close as possible to the municipal limits. The site must be located in an easily accessible area for large dump trucks with trailers transporting twenty-five cubic yards of material. There must also be an ample area to maneuver vehicles in a safe and efficient manner. From this latest quote, only one qualified, IDEM licensed vendor submitted a quote, which was Green Earth; they were awarded the contract the Board of Public Works on April 16, 2019. **How long has the city been collecting leaves? How did the city prevent leaves from clogging storm drains prior to having vacuum trucks?** The program has been operational for as long as anyone can remember at the Street Division (likely 40 years, or maybe even more). We're not sure how storm drains were kept clear prior to the leafing program, but I would guess that it was probably a significant problem for the community at some point in the past, which most likely led to the creation of the City's leafing program.