

Liquid Swine Manure Feedstocks in Ottawa and Allegan Counties



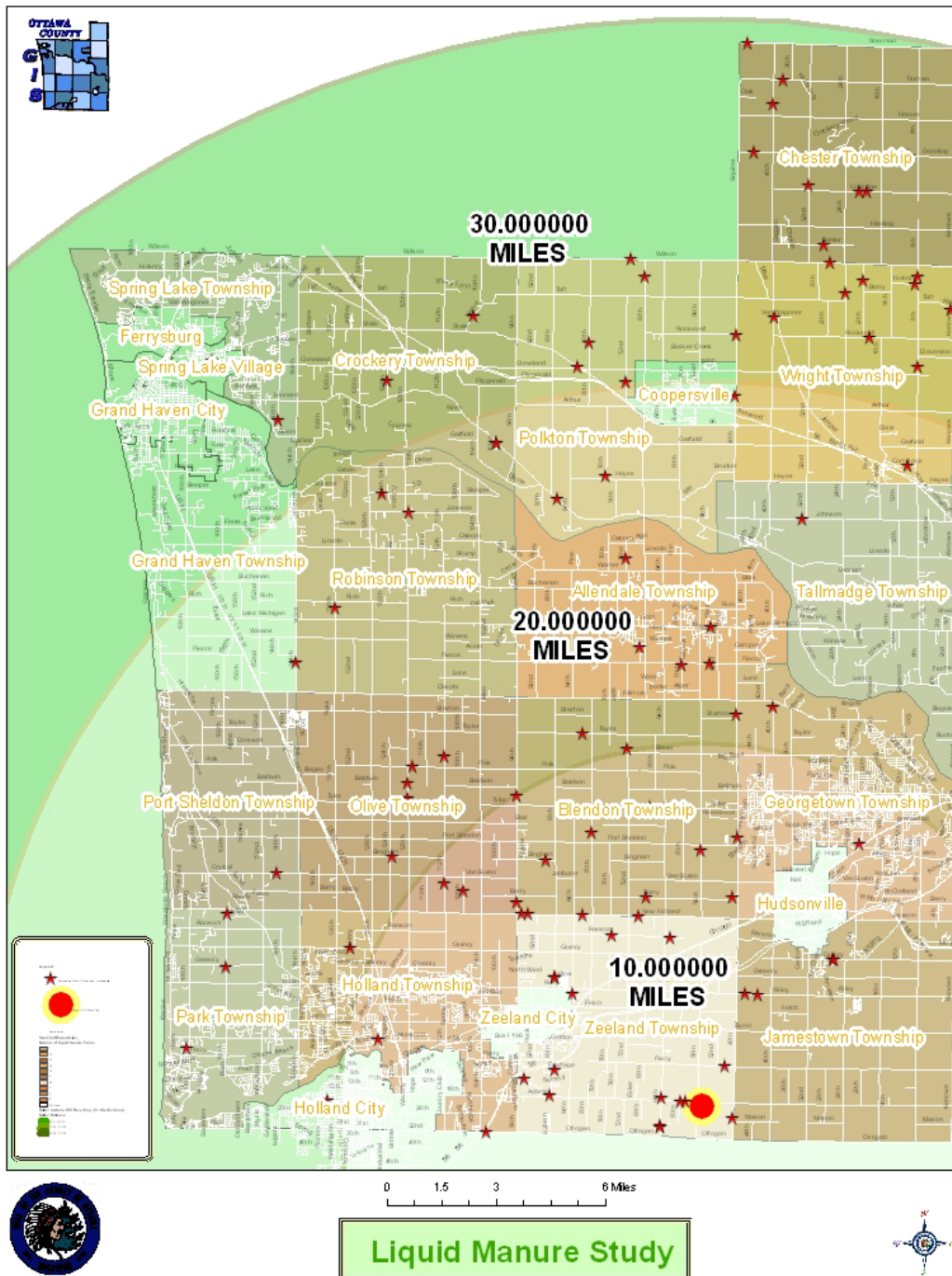
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Study Methodology: Determining the Volume of Liquid Manure Feedstocks

- A regional township-by-township liquid livestock manure feedstock availability analysis will be conducted in the following Western Michigan counties:
 - Ottawa County
 - Allegan County
- The survey will reveal the volume of liquid manure produced in each county and the type of liquid manure produced (swine, dairy or beef).





Volumes of Liquid Swine Manure in Ottawa and Allegan Counties

| | Volume (gal) 10 mile radius* | Volume (gal) 20 mile radius* | Townships | Type of Operations |
|-------------------------|---|--|--|--------------------|
| From Records | 17,200,248 | 2,350,000 | Blendon, Fillmore, Ganges, Olive, Overisel, Zeeland | Sow and finishing |
| Book Values | 8,500,000 | 250,000 | Blendon, Olive, Overisel, Zeeland | Grow/finish |
| | Total volume of manure within a 10 mile radius: 25.7 million gallons | Total volume of manure within a 20 mile radius: 2.6 million gallons | | |

* From Autumn Hills Landfill (Ottawa County)

Demand for Compost

- Thirty-six percent of landscapers presently use compost. At an average consumption rate of 253 cy/firm/year, total annual usage for the group is an estimated 823,000 cy. Some 65 percent indicated interest in using compost, which projects to a **total demand potential of 21 million dollars in the landscape sector.**
- Among nurseries, 47 percent indicate interest in using purchased compost. (an average of 209 cy/firm/year). This works out to a **demand potential of one million dollars.**
- Forty-four (44) percent of farmers indicate interest in using compost (an average of 10.5 cy/A). Total **demand potential** within the farming community as defined in this study is **estimated at 178 million dollars.**
- Combining all three sectors:

10 percent is in landscaping \$21 million

1 percent is in nurseries \$1 million

89 percent is in agriculture \$178 million

Total \$200 million

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Questions?