Vactor survey results
Municipal and private hauler surveys
How does your community perform sanitary sewer cleaning?

Contracts used:

- American Environmental
- Chisago Lakes Joint Sewer Treatment Commission
- David's Hydrovac
- Empire Pipe Services
- Eureka
- Goliath
- Hydro-Klean
- Hydro-Vac
- Kothrade
- Miller Excavating
- Overline and Sons
- Pipe Services
- Ritter and Ritter
- Schlomka Services
- Veolia
- Veit
- Visu-Sewer
Number of loads per week

Conclusion(s)

- Municipalities dispose of approximately 25-30 truck loads per day within the Region.
- Private haulers dispose of approximately 5 loads per day within the Region.
What facilities generate the most waste?

Conclusion(s)

- The majority of vactor waste materials are sanitary sewer-related
- Storm sewer waste is a minor component of vactor waste

Facilities generating the most waste:
- Lift station wet wells
- Pipes and MH structures
- Storm sewer facilities
- Other
What substances are most commonly removed by vactor trucks during cleaning?

Conclusion(s)

• Most vactor waste contains FOG materials
• Grit is the most common component of vactor waste
Where do you dispose of your vactor waste from sanitary sewer cleaning?

**Locations specified for those that use another community’s vactor waste disposal facility**
- St. Paul Metro Plant
- St. Louis Park
- Chisago Lakes Joint Sewer Treatment Facility
- Water Town MN Pond
- No one specifically identified the Fridley facility

**Additional detail from private haulers:**
- “Wherever the city tells us to dump.”
- “Changes by the city we work for.”
- Linden Yard (Minneapolis)
- Several responses: Mankato, Watertown, New Ulm
Is there a need to use metro area disposal facilities for jobs outside the metro area?

Notes:

- This question was only asked on the private hauler survey
- No respondents said they utilized disposal facilities outside the metro area for sanitary sewer cleaning jobs within the metro area.

Comments from those who said yes:

- “If they were closer to us we would like to do that. North and western side of metro area would be highly beneficial. Takes half a day to dump loads.”
- “Smaller communities outside the metro area usually do not have the facilities to dispose of the sort of waste”
- “Some small suburbs outside of MCES’s control have no place to dump and Pig’s Eye would be the closest and easiest solution.”
- “There is a need for it but we stay inside the 7-county metro area so we don’t do the vacuming on those jobs.”
- “Yes, but we currently do not [do so]; but would be a benefit”
- “Yes, more and more small cities and private industries are doing a better job at disposing their own waste. The easier and least expensive way will encourage better practices.”
What are the most difficult aspects operating your own vector waste site?

### Conclusion(s)

- 47 respondents answered “does not apply”
- Of those, one said, “We are planning to construct our own facility and would be interested in providing a site that serves other communities as well.”
- FOG material is by far the most difficult for responding organizations to manage.
If you don’t use your own facility, how far away is the facility you use?

- 14 respondents answered “does not apply”
- The average of this data is approximately 15 miles.

What is the maximum practical travel distance to a regional facility?

- The question asked “If the distance in question 9 is excessive, what is the maximum practical travel distance to a regional vector waste facility?”
- 28 respondents answered “does not apply.”
- The average of this data is approximately 10 miles.
- Haulers consider a practical haul distance approximately 5 miles less than they currently average.
Private haulers: average/maximum one-way travel distances, metro disposal sites

Notes:
- 14 respondents answered “does not apply”
What features would a regional facility need to have for you to use it?

Additional comments from private haulers:

- “Evenings would be great! Ideally 24/7”
- “Construct a waste site at the Blue Lake facility.” (This comment was from a city that answered the private hauler survey.)
Are you planning any capital investments for vector waste disposal facilities?

**Conclusion(s)**

- Few responding organizations are considering their own facilities.
- Most will continue to rely on MCES and other cities.
Interest in further conversations on this topic

Communities that participated
• Less than 1/2 of private haulers interested in further discussions.

Communities that requested survey results
• Less than 1/3 of cities interested in further discussions.
### Responses

**Cities (* wanted results)*

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**Private haulers (* wanted results)*

- American Environmental
- Badger
- *City of Eagan* (not counted)
- *City of Savage* (not counted)
- *City of St. Paul Park (not counted)
- Empire Pipe Services
- Engineering & Construction Innovations Inc
- Equix Integrity, Inc.
- Granite Inliner*
- Hydro-Klean
- McDonough's Sewer Service
- Pipe Detectives
- Ritter & Ritter Sewer Service, Inc*
- Schlomka Services LLC*
- SM Hentges and Sons Inc
- Veit Companies
- Visu-Sewer
- Vortech Hydro Vac, Inc.