

Winnipeg Sewage Treatment Program Integrated Management System



***Request for Information for Biosolids Management
518-2013***

1. Background

A request for information (RFI) was posted on the City's procurement website, inviting vendors to respond to questions about their willingness to manage the reuse of biosolids end products. A copy of RFI 518-2013 can be found on the City's Materials Management Website.

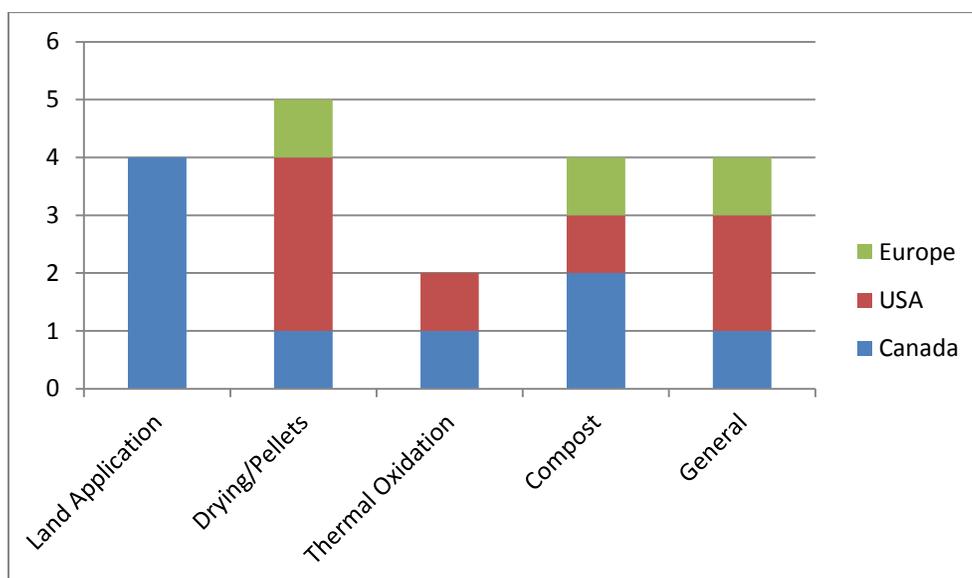
2. Findings

Nineteen submissions were evaluated as part of RFI 518-2013. There was a well distributed range of preferred solutions, which had an interest in either supplying technology, managing the digestion process, and/or generating an end product for profit.

The submissions were grouped according to the type of end product that they generated. They can be broadly categorized as land application, thermal drying/pellets, thermal oxidation, composting, and general. The 'general' category was for submissions that expressed an interest and ability in producing an end product chosen by the City.

The locations of the submissions, shown in Figure 1, indicate that submitters were primarily in the USA or Canada. Some biosolids management strategies, such as land application, were specific to Canada whereas others, such as compost, were more globally represented.

Figure 1 Locale of submissions RFI 518-2013



Most submissions expressed an interest in design-build-own-operate (DBOO) models for creating and marketing the biosolids end products with 20-25 year terms. The land application submissions also expressed willingness for long term service contracts with 10-15 year terms. Several submissions in the 'drying/pellets' category expressed an interest in managing and maintaining the City's entire biosolids treatment facility, including anaerobic digestion.

3. Conclusion

The scope of RFI 518-2013 was to assess the willingness of the private sector to participate in the City's biosolids planning strategy. The submissions indicate that there is strong interest in biosolids treatment and product reuse. There was marginal interest in managing the overall digestion and treatment process but no interest in offering 'reuse of end products' only.

4. Next Steps

The outputs of RFI 518-2013 will be combined with other planning initiatives to assess the various treatment strategies and to shortlist which treatment options should be included in the City's Biosolids Master Plan. These initiatives include the marketability of biosolids end products, public consultation, and stakeholder engagement. The biosolids master plan will be submitted for regulatory review in October 2014.