Solids management uses cases are potentially viable across a range of locations and system configurations.

**USE CASE OVERVIEW**

**Biosolids Processing**

Biosolids produced at a sewerage treatment plant used as feedstock for J-OP

**J-OP Co-located with STP**

Raw FS dewatered: liquid effluent treated by co-located STP and solids treated by J-OP

**J-OP Integrated into Existing FSTP**

J-OP added to existing FSTP to process solids produced by the FSTP

**J-OP integrated into New FSTP**

*New build* FSTP dewateres FS and processes liquid, J-OP processes solids

STeP has not explored the cost competitiveness of the J-OP relative to other biosolids treatment solutions.

Most existing FSTPs are too small to support a 2-engine J-OP on their own, requiring feedstock aggregation.

May or may not use supplemental biosolids to facilitate FS processing.

May or may not use supplemental solid waste to facilitate FS processing.