Suitable Soils for Drainage Water Management
Minnesota

Geoprocessing Procedure
Soils Spatial and Tabular data obtained from the Soil Data Mart 8/24/2011
Selection Criteria:
1. Major Components. Percent Composition > 40%
2. Representative slope <= 1 percent.
3. Representative value of the Hydric Definition Growing Season Minimum
Depth of Water Table < 18 inches depth.
Extent of Cultivated Crops obtained from the 2006 National Land Cover Dataset (NLCD), USGS.
The soil map units selected were converted to 30 meter raster data and intersected with the reclassified Cultivated Cropland extracted from the NLCD.
Coincident areas less than 15 acres were deleted.

Minnesota 6,308,982 Ac

1:2,250,000

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Central National Technology Support Center
Fort Worth, TX Map 2012-24