



Regulatory BFE = 661.29

Existing EPA SWMM BFE:
 Mastodon Lake = 660.80
 Little Doe Lake = 659.95

Existing XP SWMM BFE:
 Mastodon Lake = 660.21
 Little Doe Lake = 658.49

APPENDIX C

**Mastodon Lake Stormwater Plan
 Existing Conditions Inundation
 100 Year Storm
 City of Aurora
 ILLINOIS**

Legend

- Pavement
 - Building
 - Existing Stormwater Junction
 - Existing Stormwater Pipe
 - 2-ft Contours
 - Regulatory Floodplain
- | Existing Max Depth (ft) | |
|-------------------------|------------|
| | 0.0 - 0.5 |
| | 0.5 - 1.0 |
| | 1.01 - 1.5 |
| | 1.51 - 2.0 |
| | 2.01 - 2.5 |
| | 2.51 - 3.0 |
| | 3.01 - 3.5 |
| | 3.51 - 4.0 |
| | 4.01 - 5.0 |
| | 5.01 - 6.0 |
| | 6.01 - 7.0 |
| | 7.01 - 8.0 |

Data Source: City of Aurora, Kane County, ISGS, HR Green
 Coordinate System: NAD 1983 StatePlane Illinois East FIPS 1201 Feet
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Foot US

