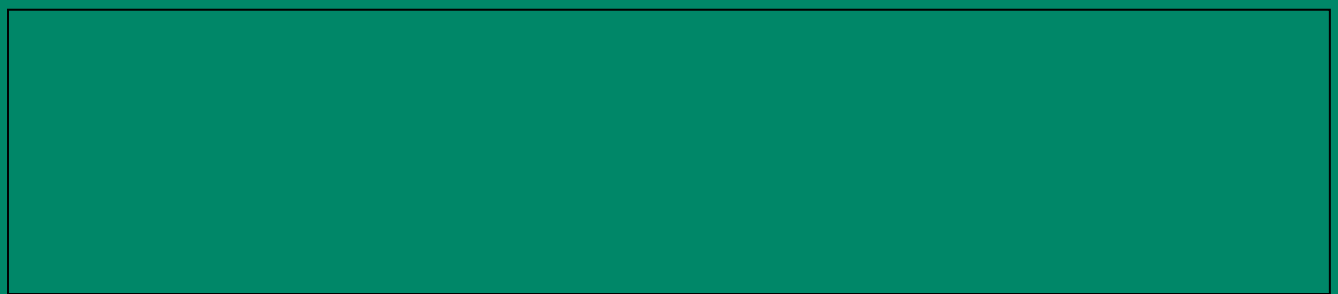

FIGURE 1

PLANT DRAINS POND

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Rainfall Intensity

Q=CIA=0.3x11.6x4.5=1577 cfs

2.2

peak flow is 1572 cfs

Peak Flow Estimation

Rainfall intensity was estimated using the data and methodology presented in section 1.2. For the

Channel and Culvert Sizing

North Culvert Watershed is captured by the existing North Channel and

2.3

The peak flow was estimated using the Rational Method formula discussed in Section 1.3. The

Culvert Watershed

- South Culvert Watershed
- Ditch Watershed peak flow is

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