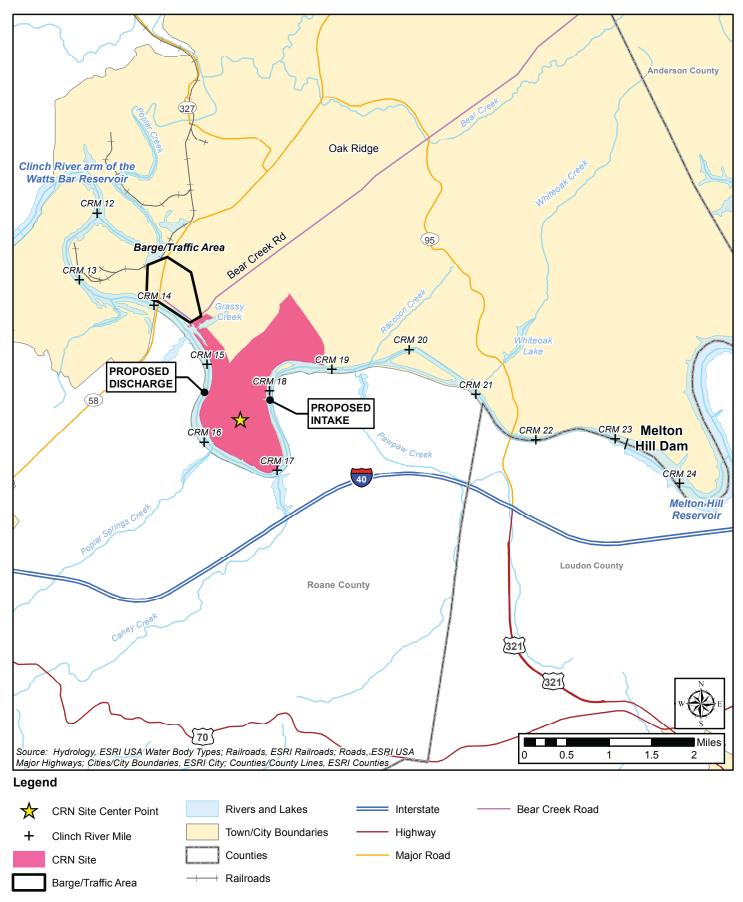
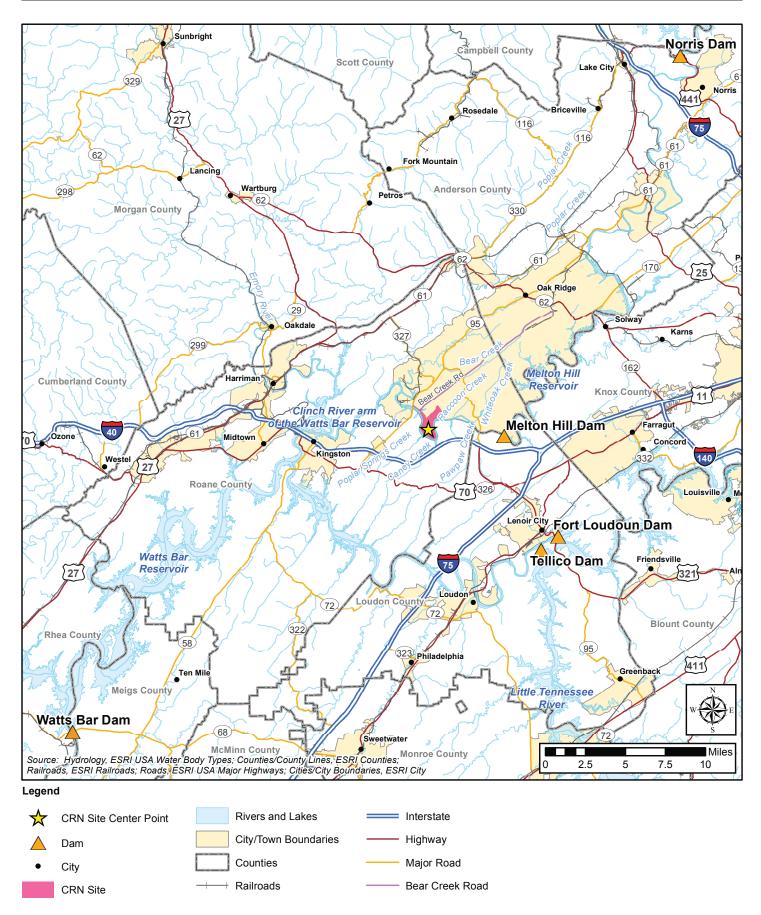
### Clinch River Nuclear Site Early Site Permit Application Part 3, Environmental Report



# Figure 2.3.1-1. CRN Site Vicinity Water Resources

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#### Figure 2.3.1-2. CRN Site Regional Water Resources

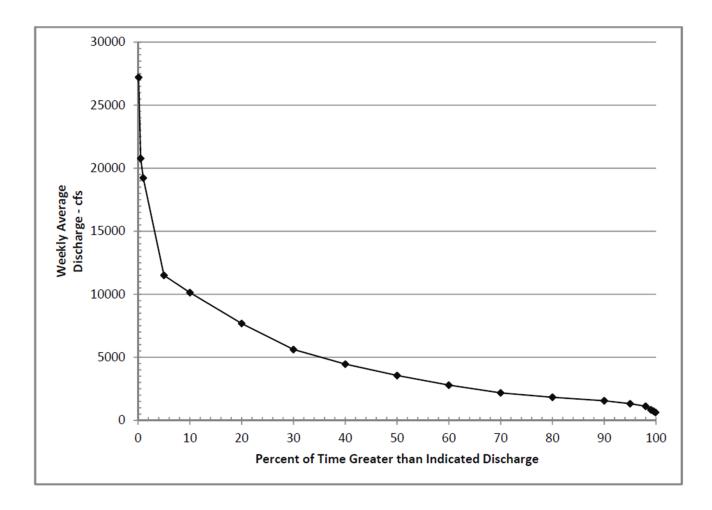


Figure 2.3.1-3. Melton Hill Dam Weekly Discharge Frequency

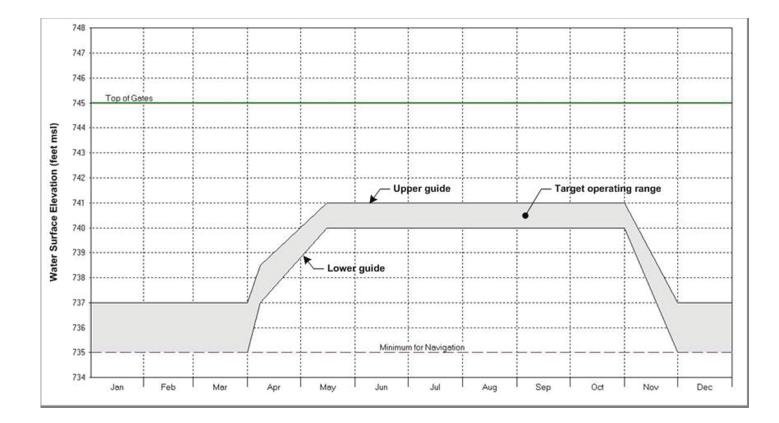


Figure 2.3.1-4. Operating Guide for Headwater Elevation at Watts Bar Dam

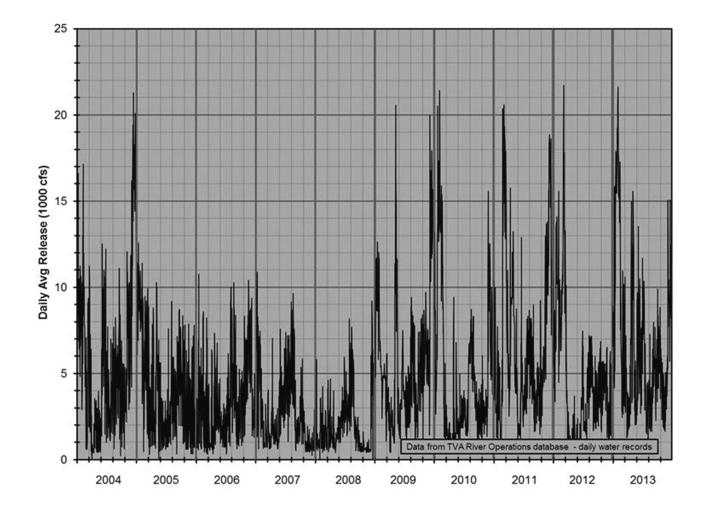


Figure 2.3.1-5. Daily Average Release from Melton Hill Dam

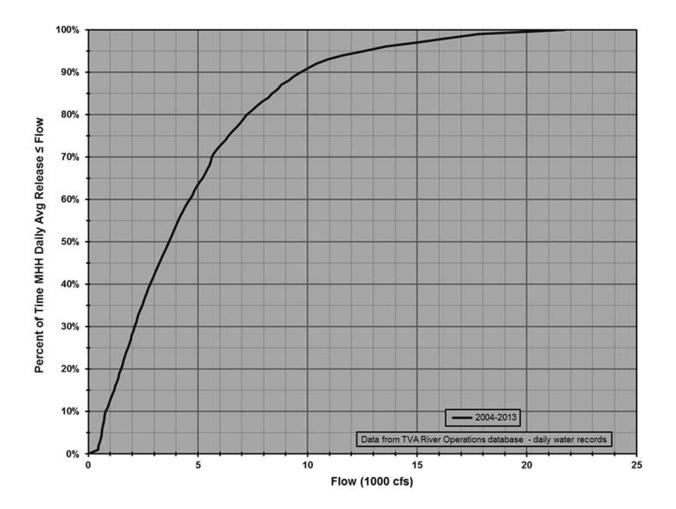


Figure 2.3.1-6. Percentile for Daily Average Release from Melton Hill Dam

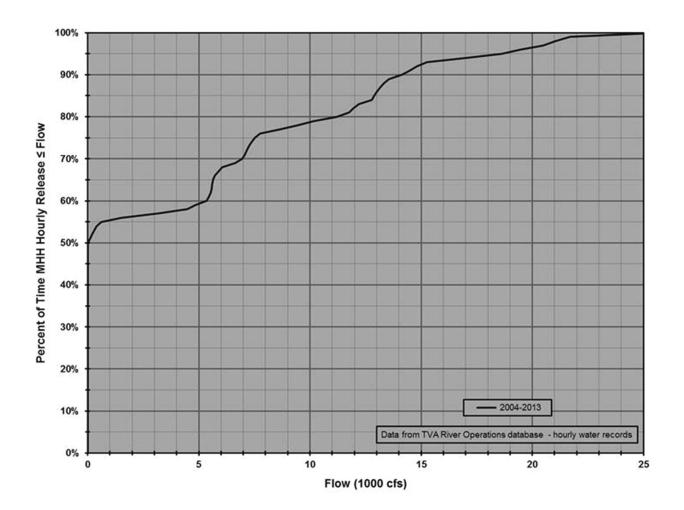
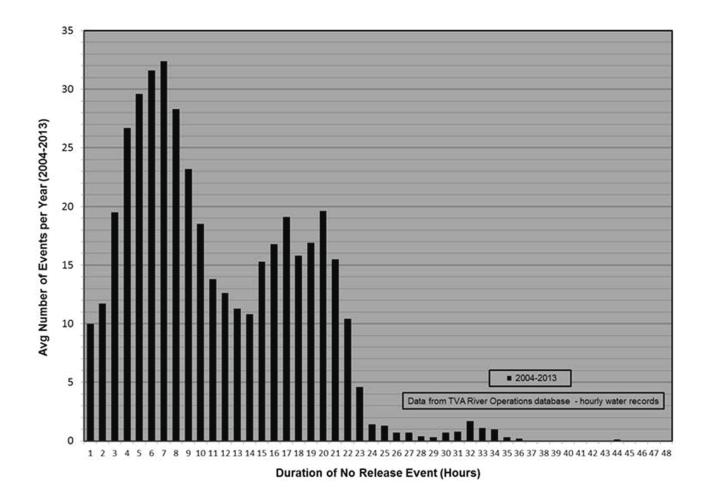


Figure 2.3.1-7. Percentile for Hourly Average Release from Melton Hill Dam



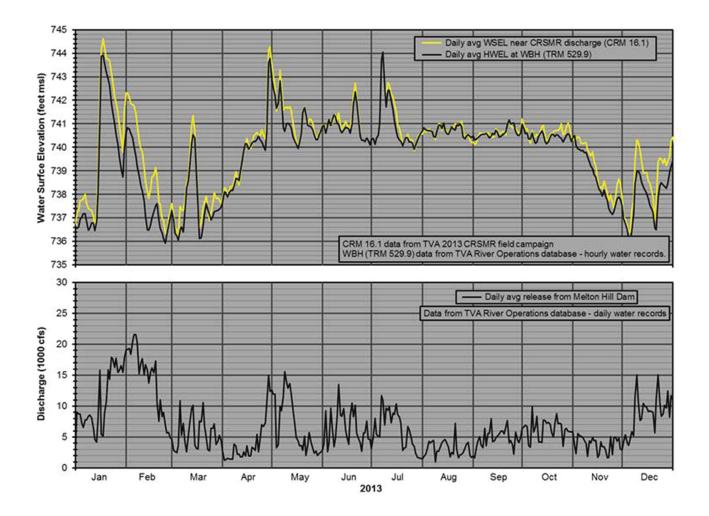


Figure 2.3.1-9. WSEL Measurements at CR SMR and WBH, and Discharge Measurements at Melton Hill Dam

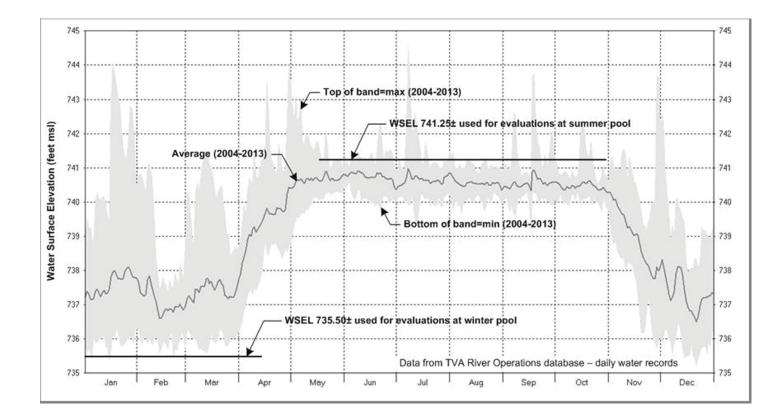


Figure 2.3.1-10. Headwater Elevation at Watts Bar Dam, Showing Max, Min, and Average Values of Daily Midnight Readings, 2004-2013

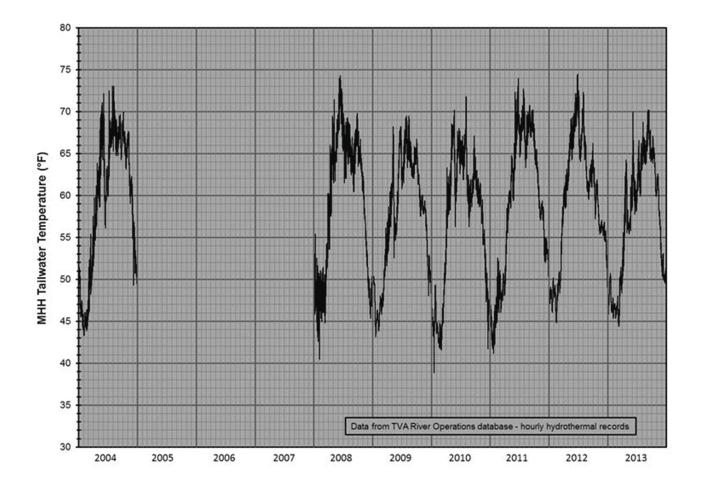


Figure 2.3.1-11. Hourly Water Temperature for Tailwater Below Melton Hill Dam

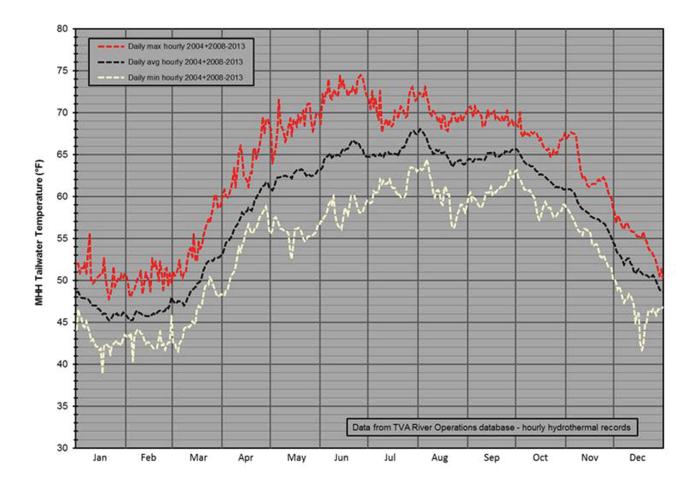
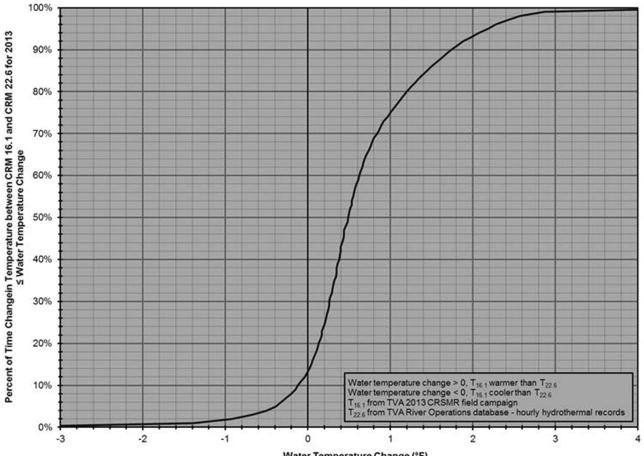
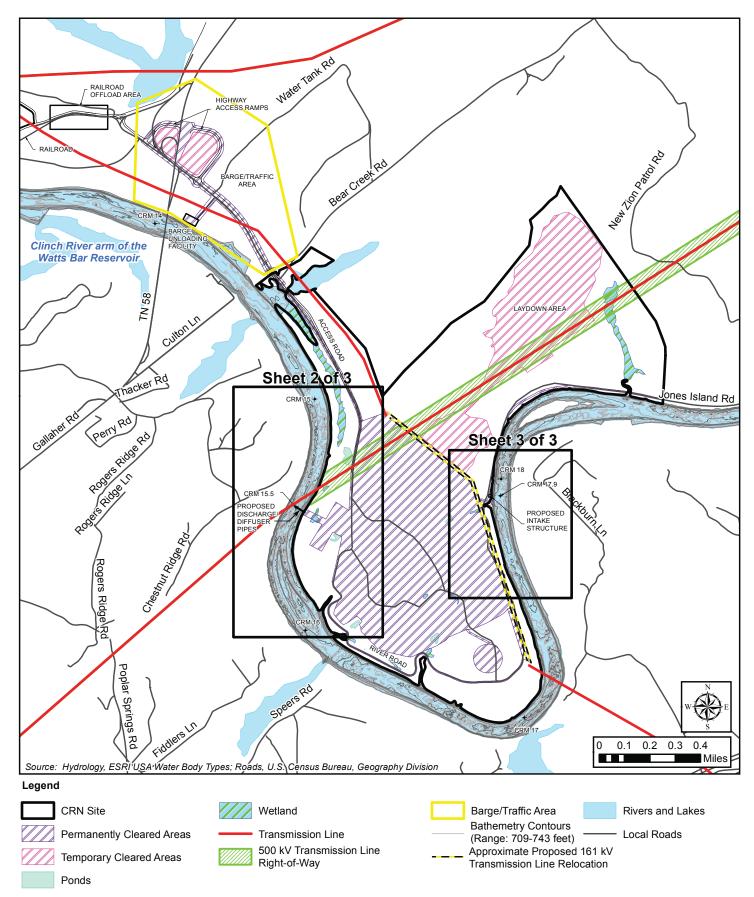


Figure 2.3.1-12. Daily Maximum, Minimum, and Average Hourly Water Temperature for Tailwater Below Melton Hill Dam

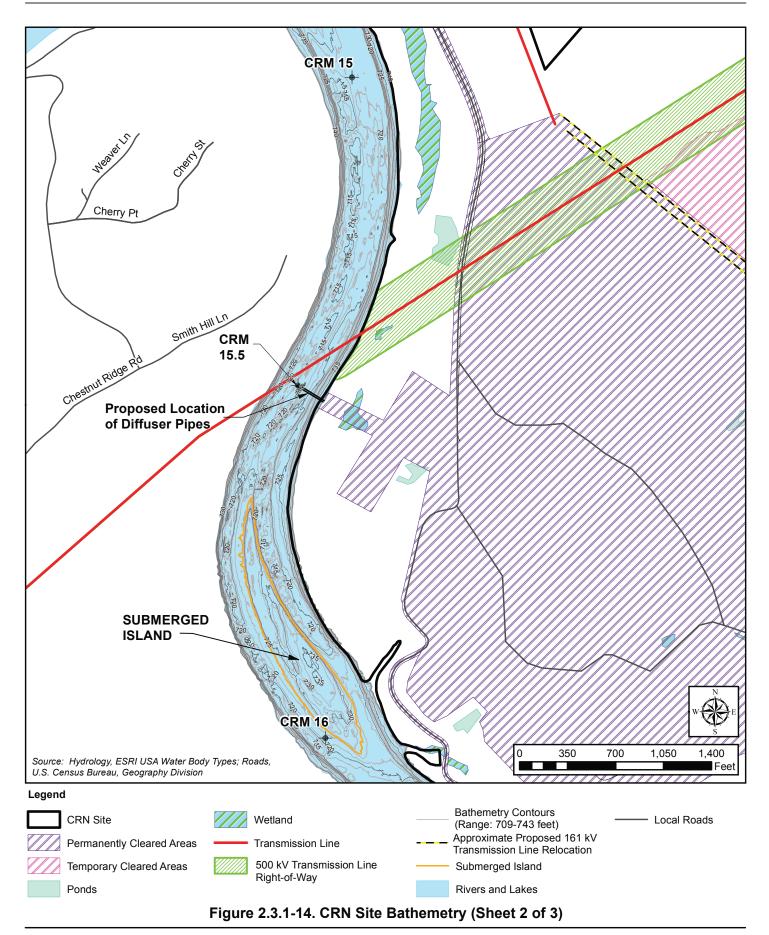


Water Temperature Change (°F)

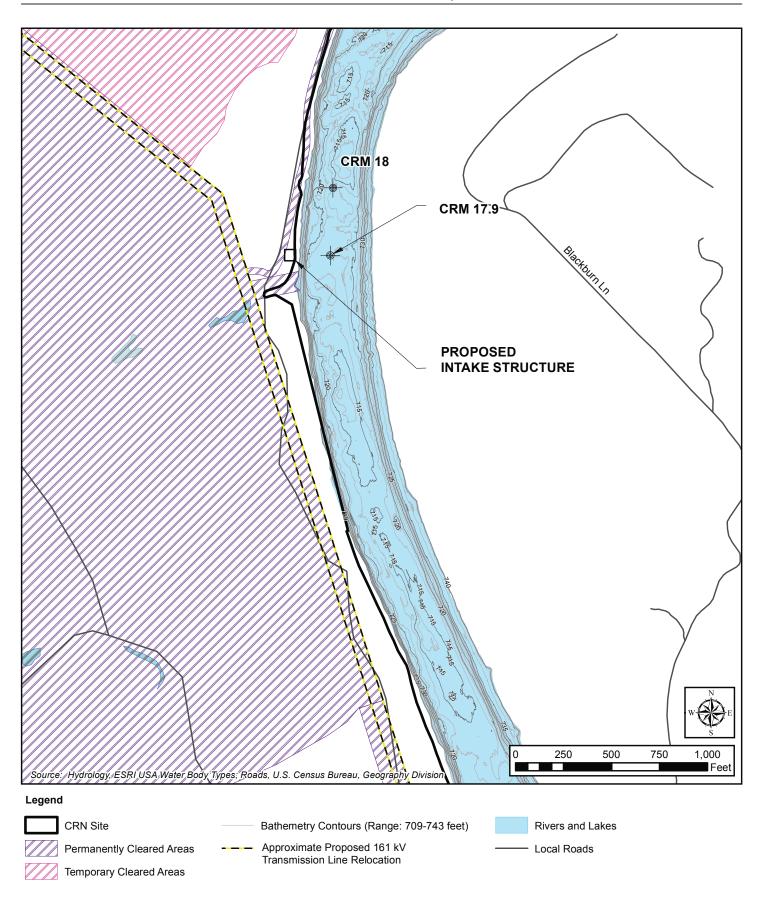
Figure 2.3.1-13. Percentile for Change in Hourly Water Temperature between CRM 16.1 and CRM 22.6/MHH Tailwater



### Figure 2.3.1-14. CRN Site Bathemetry (Sheet 1 of 3)



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## Figure 2.3.1-14. CRN Site Bathemetry (Sheet 3 of 3)