





7. REFERENCES ..... 19

**LIST OF FIGURES**

Figure 1a Site Location Map  
Figure 1b Site Vicinity Map  
Figure 2 Site Layout Map  
Figure 3 Boring Location Map





been provided in Attachments 2, 3, and 4 of the *2016 Surface Impoundment Periodic Safety Factor Assessment Report: Ash Pond A* (Safety Factor Assessment Report), respectively, and the interpretation of the in-situ and laboratory data is described and presented in Attachment 5 of the Safety Factor Assessment Report.

Geosyntec reviewed the available data, performed the safety factor assessment, and inspected the perimeter dikes of Ash Pond A on 10 and 11 July 2016. From this evaluation and inspection, the condition of the foundation soils, the compaction of dike fill soils, the slope protection and vegetation of perimeter dike slopes, and existing pipe penetrations through the perimeter dikes were evaluated and found to meet the requirements listed in §257.73(d)(1)(i) through (vii). Therefore, Ash Pond A was considered to meet the periodic structural stability criteria for existing surface impoundments described within §257.73(d) of the CCR Rule.







- Geotechnical subsurface investigations performed by Geosyntec are presented in Section 3;
- Subsurface conditions and geology at WGS are discussed in Section 4;
- The structural stability assessment of the Ash Pond A perimeter dikes is presented in Section 5; and
- The summary and general conclusions from the structural stability are presented in Section 6.





































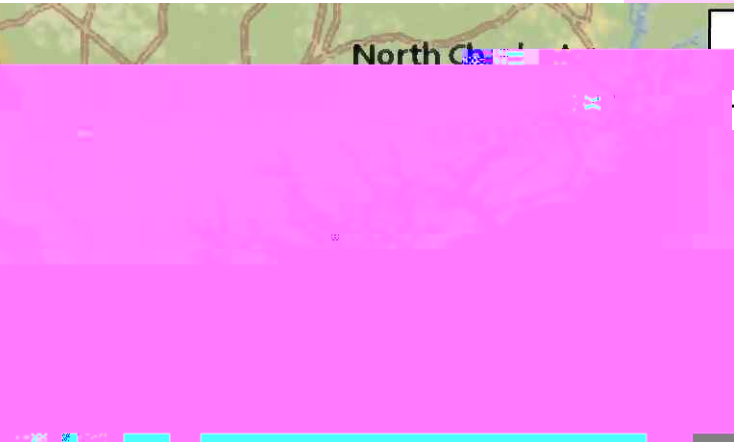


# FIGURES



A

SITE



North Charleston

