

REPORT

Groundwater Monitoring System Certification Addendum No. 1

Martin Lake Steam Electric Station - PDP 5 Rusk County, Texas

Submitted to:

Luminant Generation Company LLC

Submitted by:

WSP GOLDER

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December 2022

PROFESSIONAL CERTIFICATION

This document and all attachments were prepared by WSP Golder under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I hereby certify that Addendum No.1 to the Groundwater Monitoring System Certification for the Permanent Disposal Pond 5 at the Martin Lake Steam Electric Station has been prepared in accordance with the requirements of 40 C.F.R. §257.91.

Patrick J. Behling, P.E. Principal Engineer

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WSP Golder

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DOCUMENT REVISION RECORD

Issue No.	Date	Details of Revisions
Revision 0	October 2017	Original Document
Addendum 1	December 2022	Includes the cross section location map that was missing from the original 2017 report, an updated cross section location map, and updated cross sections

1.0 INTRODUCTION

On behalf of Luminant Generation Company LLC (Luminant), WSP Golder (Golder) has prepared this Addendum No. 1 to the Groundwater Monitoring System Certification for the Permanent Disposal Pond 5 (PDP 5) located at the Martin Lake Steam Electric Station (MLSES) in Rusk County, Texas. PDP 5 is used to store coal combustion residuals (CCRs) from other MLSES CCR surface impoundments during cleaning cycles and for storage of water from large precipitation events and excess process wastewater from the MLSES flue gas desulfurization (FGD) system (scrubber gypsum) and bottom ash transport systems. PDP-5 is active and is considered an Existing CCR Surface Impoundment under 40 C.F.R. Part 257, Subpart D (the CCR Rule).

2.0 SUMMARY OF UPDATES

The original Groundwater Monitoring System Certification for PDP 5 was prepared in October 2017 in accordance with 40 C.F.R. §257.91 and placed in the MLSES operating record in accordance with 40 C.F.R. §257.105 (PBW, 2017). This Addendum No. 1 provides the cross section location map that was missing in the original report (Figure 1), an updated cross section location map (Figure 2), and updated cross sections that include additional construction information for PDP 5 and other closed and capped pre-CCR Rule coal ash surface impoundments (PDP 1 through 4) that are located immediately adjacent to PDP 5 (Figure 3 and 4).

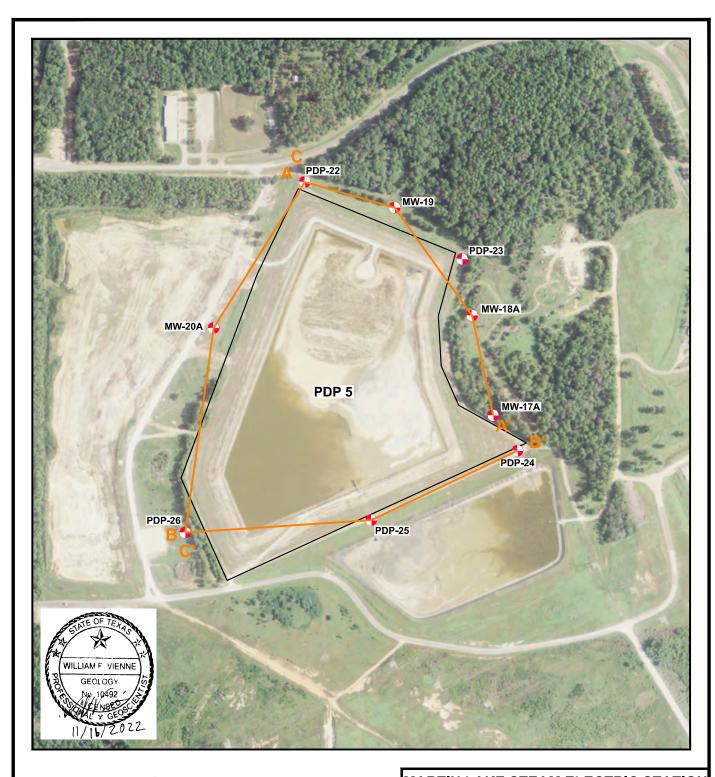
3.0 REFERENCES

Pastor, Behling & Wheeler, LLC (PBW), 2017. CCR Groundwater Monitoring System Certification – PDP 5, Martin Lake Steam Electric Station, Rusk County, Texas.

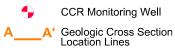
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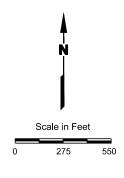
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MARTIN LAKE STEAM ELECTRIC STATION

TATUM, TEXAS

Figure 1

PDP-5 CROSS SECTION LOCATION MAP

PROJECT: 5164B BY: AJD REVISIONS

DATE: SEPT., 2017 CHECKED: PJB



SOURCE: Imagery from www.tnris.gov, Rusk County, aerial photographs, 2012.

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