2018 ANNUAL CCR INSPECTION

Facility Name: Lawrence Energy Center (LEC)
Owner/Operator Name: Westar Energy
CCR Unit: 847 Landfill
Inspection Date: November 27, 2018

USEPA CCR Rule Criteria 40 CFR §257.83	847 Landfill Annual Inspection Results
§257.84(b)(2)(i) stipulates: *"(2) Inspection report. The qualified professional engineer must prepare a report following each inspection that addresses the following:* *(i) Any changes in geometry of the structure since the previous annual inspection;"*	A visual inspection of the LEC 847 Landfill (Landfill) was completed on November 27, 2018 by Mr. Richard Southorn, a qualified professional engineer (QPE). Changes in geometry since the previous annual inspection include placement of an estimated 1 to 20 feet of CCR material in Cells 1 through 3, placement of 3 feet of cover soils on portions of the northern slopes of Cells 2 and 3 and a portion of the southern slope of Cell 2, placement of cover soils on portions of the southern slopes in Cells 1 and 2, and minor grading.
§257.84(b)(2)(ii) stipulates: *"(ii) The approximate volume of CCR contained in the unit at the time of the inspection;"*	Based on the 2018 survey by Professional Engineering Consultants, the Landfill is estimated to contain approximately 1.8 million cubic yards (cy) of CCR material.
§257.84(b)(2)(iii) stipulates: *"(iii) Any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit;"*	During the inspection, slope appearance, stability, and overall landfill conditions were assessed. No actual or potential structural weaknesses that are or could have the potential to disrupt the operation or safety of the Landfill were noted. No signs of distress or malfunction that may contribute to the instability of the Landfill were observed.
§257.84(b)(2)(iv) stipulates: *"(iv) Any other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection;"*	Cell 1 final cover, which was under construction during the previous annual inspection, was completed with established vegetation present. A portion of the intermediate cover on the south sideslopes of Cells 1 and 2 was regraded and vegetated as needed after a significant rain event. Areas of Cells 2 and 3 received final cover. Covered areas have been graded as needed to promote positive proper drainage of stormwater. Cell 4 base liner construction was completed. The Landfill is in good operating condition and functioning as intended. There have been no other changes to the Landfill that may have affected the stability or operations of the Landfill since the previous annual inspection.

PROFESSIONAL ENGINEER CERTIFICATION

The undersigned registered professional engineer is familiar with the requirements of the CCR Rule and has visited and examined the Landfill or has supervised examination of the Landfill by appropriately qualified personnel. I hereby certify based on a review of available information within LEC's operating records and observations from my personal on-site inspection, that the Landfill does not exhibit any appearances of actual/potential structural weakness that would be disruptive to the normal operations and safety of the CCR Unit. The unit is being operated and maintained consistent with recognized and generally accepted good engineering standards and practices. This certification was prepared as required by 40 CFR Part §257.83.

Name of Professional Engineer: Richard Southorn

Company: APTIM

Professional Engineer Seal:

Richard Southorn

Digitally signed by Richard Southorn
Date: 2019.01.11 10:49:40 -06'00'