

**2025 Annual inspection Under
Coal Combustion Residuals Rule
Orlando Utilities Commission
Stanton Energy Center
Orange County, Florida**

May 24, 2025



Ardaman & Associates, Inc.

Geotechnical, Environmental, and
Materials Consultants
A Tetra Tech Company

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May 24, 2025
File Number 25-13-0166

Orlando Utilities Commission
P.O. Box 3193
Orlando, FL 32802-2723

Attention: Mr. Tom Gaboian, P.E.
Senior Environmental Compliance Specialist

Subject: 2025 Annual Landfill Inspection under Coal Combustion Residuals (CCR) Rule,
Stanton Energy Center, Orange County, Florida

Sir,

As requested by Orlando Utilities Commission (OUC), Ardaman & Associates, Inc. - a Tetra Tech Company (TT-AAI) completed the 2025 annual landfill inspection at the Stanton Energy Center on April 29, 2025. The objectives of our inspection were to satisfy the requirements in 40 CFR §257.84 of the Coal Combustion Residuals (CCR) Rule promulgated by the United States Environmental Protection Agency (EPA) on April 17, 2015, and to identify any items that need immediate corrective actions or long-term attention. In association with the 2025 annual landfill inspection, TT-AAI has reviewed the CCR Rule requirements, historical information in our project files, and the 2024 landfill operation data provided by OUC.

The focus of our annual inspection was on the lined Cells 1 and 2 of the horizontal expansion of the closed 90-acre original landfill, which has also been referred to as the original combustion waste storage area (original CWSA). At the time of our inspection, Cell 2 was the only active CCR disposal unit at the Stanton Energy Center, whereas Cell 1 was undergoing closure construction. Cell 2 was activated on April 28, 2022 and currently has approximately 16 acres of the landfill bottom and western side slope of CWSA covered with waste materials. Cell 2 is located immediately north of Cell 1 and will piggyback on the north slope of Cell 1 to form a contiguous landfill unit. Construction of the proposed Cell 3 to the north, which is also part of the horizontal expansion, is uncertain at this time, depending on future waste disposal need at the Stanton Energy Center. Although the closed original CWSA and its closed vertical expansion on top are exempt from the CCR Rule requirements, these landfill units as well as other facilities were also inspected during the annual site inspection insofar as they may affect the operation and safety of Cells 1 and 2.

The 2025 inspection constituted the tenth annual inspection since waste materials were first placed into Cell 1 on May 28, 2015. The previous (i.e., the ninth) annual inspection was documented in a TT-AAI report titled "2024 Landfill Inspection under Coal Combustion Residuals (CCR) Rule, Orlando Utilities Commission, Stanton Energy Center, Orange County, Florida," dated May 24, 2024. This report provides the background information on the history and design of Cells 1 and 2, and documents our findings and recommendations from the tenth annual landfill inspection and associated landfill operation data review required by the CCR Rule.

Inspection Requirements under CCR Rule

As stated in 40 CFR §257.84(b)(1), the goal of the annual inspections is “... *to ensure that the design, construction, operation, and maintenance of the CCR unit is consistent with recognized and generally accepted good engineering standards.*” The CCR Rule further stated that the annual inspections must be performed by a qualified professional engineer and must, at a minimum, include the following efforts:

- (i) *A review of available information regarding the status and condition of the CCR unit, including, but not limited to, files available in the operating record (e.g., the results of inspections by a qualified person, and results of previous annual inspections); and*
- (ii) *A visual inspection of the CCR unit to identify signs of distress or malfunction of the CCR unit.*

Per 40 CFR §257.84(b)(2), the qualified professional engineer must prepare an inspection report to address the following items:

- (i) *Any changes in geometry of the structure since the previous annual inspection;*
- (ii) *The approximate volume of CCR contained in the unit at the time of the inspection;*
- (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; and*
- (iv) *Any other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection.*

According to the CCR Rule, a qualified professional engineer is defined as “*an individual who is licensed by a state as a Professional Engineer to practice one or more disciplines of engineering and who is qualified by education, technical knowledge and experience to make the specific technical certifications required under this subpart. Professional engineers making these certifications must be currently licensed in the state where the CCR unit(s) is located.*”

Waste Disposal Area

The Stanton Energy Center is in southeastern Orange County, Florida, in the vicinity of the Econlockhatchee River, about 12 miles southeast of downtown Orlando, and 6 miles northeast of Orlando International Airport. The site is located within Sections 13, 14, 23, and 24 of Township 23 South, Range 31 East, and Sections 7, 8, and 19 of Township 23 South, Range 32 East. The address of the Stanton Energy Center is 5100 South Alafaya Trail, Orlando, Florida 32831. The entire facility encompasses an area of approximately 3,280 acres.

The designated CCR disposal area at the Stanton Energy Center, which has been referred to as the Combustion Waste Storage Area (CWSA), is located on the west side of the facility. It occupies an area of approximately 250 acres. Landfilling of waste materials has occurred within the closed 90-acre original CWSA, the closed vertical expansion on top of the original CWSA,

and Cell 1 and Cell 2 of the horizontal expansion to the west of the original CWSA. The horizontal expansion consists of the existing Cells 1 and 2 and, if needs to be constructed, the future Cell 3.

Cells 1 and 2 each consists of approximately 30 acres of base area and approximately 8 acres of slope area on the west side of the closed original CWSA (i.e., Cells 1 and 2 piggyback on the west slope of the closed original CWSA). Cell 2 is located immediately north of Cell 1 and will piggyback on the north slope of Cell 1 (i.e., Cells 1 and 2 will eventually be combined to form a contiguous landfill unit). The bottom liner system for Cell 2 was connected to the bottom liner system for Cell 1 to form a continuous bottom liner system for the two landfill cells. Figure 1 includes an aerial imagery that shows the layout of the entire 250-acre CWSA, which includes the 90-acre footprint area of the closed original CWSA, the closed vertical expansion, and Cells 1 and 2 of the horizontal expansion. Close-up aerial photographs of Cells 1 and 2 from a March 22, 2025 flight performed by WSP USA Environment & Infrastructure, Inc. (WSP) are displayed in Figures 2 and 3, respectively.

Coal combustion residuals and other power plant wastes have been landfilled on-site since the start of commercial operation of the first power generating unit (i.e., Unit 1) in 1987. The 90-acre original CWSA and its vertical expansion ceased to receive CCR wastes on August 28, 2015, corresponding to 52 days before the October 19, 2015 deadline for a CCR landfill to be exempt from the CCR rule requirements. Closure of the 90-acre original CWSA and vertical expansion was completed on March 11, 2016, corresponding to 196 days after the landfill units ceased to receive CCR wastes. The Construction Completion Report for the closure of the original CWSA was submitted by TT-AAI on March 12, 2016, and was approved by the Florida Department of Environmental Protection (FDEP) in a letter dated April 18, 2016.

From October 19, 2015 (i.e., the effective date of the CCR Rule) through April 27, 2022, Cell 1 was the only active CCR landfill unit at the Stanton Energy Center. Cell 2 was activated on April 28, 2022. On April 29, 2025 (i.e., the date of our 2025 inspection), Cell 1 had already been filled to capacity and was undergoing closure construction, and Cell 2 was covered by waste materials in approximately 16 acres of the bottom and western slope areas of CWSA, within the two southern subcells. Closure construction for the top area and the south and west side slopes (i.e., the exterior slopes of the horizontal expansion) of Cell 1 began in July 2024 and is scheduled to be completed by the end of June 2025.

Relevant Information

In association with the 2025 landfill inspection, TT-AAI has reviewed the following relevant information, either in our project files or provided by OUC:

- Conditions of Certification for the Stanton Energy Center (PA 81-14M) dated August 30, 2017.
- Design and construction documents for Cells 1 and 2.
- CCR Fugitive Dust Control Plan for the CCR disposal area, prepared by OUC and dated October 2, 2015.
- 2024 Annual CCR Fugitive Dust Control prepared by OUC and dated September 20, 2024.
- Run-on and Run-off Control System Plan for Cells 1 and 2, prepared by TT-AAI and dated January 26, 2024.

- Construction Drawings for Horizontal Expansion of Combustion Waste Storage Area - Cell 2, prepared by TT-AAI and dated August 13, 2019.
- Conceptual Closure Plan for Cell 2, prepared by TT-AAI and dated February 7, 2024.
- Landfill Operation and Maintenance Plan for Cell 2 of Horizontal Expansion of Original Combustion Waste Storage Area, prepared by TT-AAI and dated August 26, 2024.
- Demonstration for Compliance with “Unstable Areas” Requirement in CCR Rule for Cell 1, prepared by TT-AAI and dated January 11, 2019.
- 2024 Annual Landfill Inspection Report for Cells 1 and 2, prepared by TT-AAI dated May 24, 2024.
- Topographic and waste quantity surveys completed by WSP (formerly Wood) based on aerial imageries obtained on November 20, 2024, and March 22, 2025.
- On-site rainfall records for 2024 and from January 1 through April 30 of 2025.
- Monthly waste quantity records for 2024.
- Weekly landfill inspection reports for 2024.
- Report of FDEP landfill inspection performed on April 17, 2024.

Cell 1 Design

Because Cell 1 was designed and constructed prior to the effective date (i.e., October 19, 2015) of the CCR Rule, it was not subject to the design criteria for new landfills contained in 40 CFR §257.70. However, it was designed to comply with applicable requirements of Chapter 62-701 of the Florida Administrative Code (F.A.C.), which governs the design, construction, and operation of solid waste management facilities in Florida.

The bottom liner and leachate collection system for the approximately 30-acre base area of Cell 1 was designed to have the following components in descending order:

- A 2-foot thick layer of drainage sand with a minimum saturated hydraulic conductivity of 1.0×10^{-4} cm/sec to provide protection for the liners and drainage for the leachate.
- A geocomposite to provide conveyance for the leachate and to limit the leachate head on the primary geomembrane liner.
- A 60-mil thick textured HDPE geomembrane liner to serve as the primary leakage barrier.
- A geocomposite or geonet to detect and convey leachate that passes through any defects in the primary geomembrane liner and to limit the leachate head on the secondary geomembrane liner.
- A 60-mil thick textured HDPE geomembrane liner to serve as the secondary leakage barrier.

- A 6-inch thick layer of compacted soil subbase with a maximum saturated hydraulic conductivity of 1.0×10^{-5} cm/sec to preclude leakage of leachate through any defects in the secondary geomembrane liner.

The bottom liner and leachate collection system for the approximately 8-acre slope area on the east side of Cell 1 (i.e., the west slope of the original landfill) was designed to have the following components in descending order:

- A 2-foot thick layer of drainage sand with a minimum saturated hydraulic conductivity of 1.0×10^{-4} cm/sec to provide protection for the liners and drainage for the leachate.
- A geocomposite to provide conveyance for the leachate and to limit the leachate head on the slope liner.
- A 60-mil thick textured HDPE geomembrane liner to serve as the leakage barrier.

The bottom liner and leachate collection system for Cell 1 was constructed above a prepared soil subgrade. The objectives of the above designs were to preclude leakage of leachate from Cell 1 into groundwater and to limit the leachate head above the liner system.

Cell 2 Design

Cell 2 was designed and constructed after the effective date (i.e., October 19, 2015) of the CCR Rule, it is subject to the design criteria for new landfills contained in 40 CFR §257.70. Cell 2 was designed with a double-composite liner system that comprises two components, with the top component consisting of a single HDPE geomembrane liner and the bottom component consisting of a composite liner with an HDPE geomembrane liner in direct and uniform contact on top of a 12-inch thick compacted soil liner. In addition, the low point (i.e., the bottom elevation of the compacted soil liner beneath the leachate collection sump) of each of the four subcells in Cell 2 was designed above the seasonal high groundwater elevation. The Cell 2 bottom liner system was connected to the Cell 1 bottom liner system along the north containment dike of Cell 1.

The bottom liner system for Cell 2 was designed to have the following key components in descending order:

- A 2-foot thick layer of drainage sand with a minimum saturated hydraulic conductivity of 1.0×10^{-4} cm/sec to provide protection for the liners and drainage for the leachate.
- A geocomposite to provide conveyance for the leachate and to limit the leachate head on top of the primary liner.
- A 60-mil thick textured HDPE geomembrane liner to serve as the primary leakage barrier.
- A geocomposite or geonet to detect and convey any leachate that passes through any defects in the primary HDPE liner and to limit the leachate head on top of the secondary liner.
- A composite liner with a 60-mil HDPE geomembrane liner underlain by a 12-inch thick compacted soil liner with a maximum saturated hydraulic conductivity of 1.0×10^{-7} cm/sec.

- A prepared liner subgrade that is free of deleterious materials and meets the compaction requirements in the technical specifications.

The liner system on the west slope of the original CWSA was designed to have the following key components in descending order:

- A 2-foot thick layer of drainage sand with a minimum saturated hydraulic conductivity of 1.0×10^{-4} cm/sec to provide protection for the liners and drainage for the leachate.
- A double-sided geocomposite to provide conveyance for the leachate and to limit the leachate head on top of the slope liner.
- A 60-mil thick textured HDPE geomembrane liner to serve as the leakage barrier.
- A minimum 6-inch thick soil bedding layer to provide support for the HDPE geomembrane liner and separation from the underlying waste materials.

The bottom liner and leachate collection system for Cell 2 was constructed above a prepared soil subgrade. The objectives of the above designs were to preclude leakage of leachate from Cell 2 into groundwater and to limit the leachate head above the liner system.

Waste Materials

Fly ash and flue gas desulfurization (FGD) sludge are the predominant coal combustion wastes generated at the Stanton Energy Center. In addition, bottom ash and brine concentrator/crystallizer solids (BCCS) are also generated in significant quantities. The quantities and characteristics of fly ash, FGD sludge, and bottom ash may vary considerably, depending on energy production, and the ash and sulfur contents of the coal used for power generation.

Typically, the fly ash from Units 1 and 2 is sold, and fly ash containing 15 to 25 percent lime purchased from outside fluidized bed facilities is imported for mixing with the FGD sludge generated on-site. The residual lime in the imported fly ash catalyzes a pozzolanic reaction which stabilizes the waste material and causes it to set after deposition in the on-site landfill. This processed waste material, which has been referred to as "ProMat," comprises the primary coal combustion waste material disposed in the on-site landfill. When needed, fly ash generated on-site and free lime materials are also utilized.

The bottom ash is also sold in accordance with market demand. Any unsold bottom ash and the BCCS are disposed of in the on-site landfill. The on-site landfill also receives miscellaneous power plant wastes as well as construction and demolition debris generated at the Stanton Energy Center, sediments from the lined process water ponds at the facility, and minor quantities of wastes from other OUC facilities.

Topographic Surveys and Waste Quantities

Since activation of Cell 1 on May 28, 2015, OUC has retained surveyors to perform topographic surveys of the waste surface periodically to allow OUC to keep track of landfill geometries, waste volumes, and remaining storage life of the landfill cells. Topographic and waste quantity surveys were completed by WSP based on aerial imageries acquired on April 16, 2024, November 20, 2024, and March 22, 2025 were reviewed by TT-AAI as part of the 2025 annual landfill inspection under the CCR Rule.

The elevations in the WSP surveys were referenced to the North American Vertical Datum of 1988 (NAVD88). The topographic surveys, including waste cut/fill quantities computed by WSP, are included in Appendix A.

The latest topographic surveys of Cells 1 and 2, based on an aerial imagery acquired by WSP on March 22, 2025, are presented in Figure 4 and Figure 5, respectively.

As of March 2025, Cell 1 had been filled to capacity and had reached the design waste grade for closure. Cell 1 was designed to have a maximum final cover elevation of +175 feet (NAVD88), corresponding to a height of approximately 90 feet above natural grade. Cell 1 has a waste storage capacity of approximately 3.1 million cubic yards. The waste surface within the southern two subcells of Cell 2 had a maximum elevation of approximately +150 feet (NAVD88) abutting the north slope of Cell 1, corresponding to a maximum waste thickness of approximately 54 feet.

Based on the topographic surveys on Cell 2 performed on April 16, 2024 and March 22, 2025, WSP reported approximately 0.69 and 1.28 million cubic yards of consumed airspace, respectively. The average airspace consumption rate between the two survey dates was calculated to be approximately 0.63 million cubic yards per year. The overall average airspace consumption rate within Cell 2 between April 28, 2022 (i.e., the date when waste was first placed inside Cell 2) and March 22, 2025 (i.e., the date of the latest survey) was estimated to be 0.44 million cubic yards per year. In comparison, based on the WSP survey data for Cell 1, the overall average airspace consumption rate in Cell 1 between May 28, 2015 and December 18, 2023² was estimated to be 0.37 million cubic yards per year.

According to the waste records provided by OUC, approximately 2.54 million dry tons of ProMat were landfilled in Cells 1 and 2 between May 28, 2015 (i.e., the date when waste was first placed inside Cell 1) and the end of March 2025. Considering an in-place dry density of 72 lb/ft³, the ProMat would have consumed an airspace of approximately 2.62 million cubic yards in Cells 1 and 2 through the end of March 2025. Based on the most recent topographic survey performed by WSP on March 22, 2025, the consumed airspace in Cells 1 and 2 was computed to be about 4.3 million cubic yards. Accordingly, the total volume of other wastes, which included BCCS, sediment, and bottom ash, that had been disposed of in Cell 1 since May 28, 2015 was estimated to be on the order of 1.68 million cubic yards, corresponding to an overall average miscellaneous waste deposition rate on the order of 0.17 million cubic yards per year.

The storage capacity in Cell 1 (i.e., with the north slope at 3H:1V) is approximately 3.1 million cubic yards. Based on the topographic survey by WSP on April 16, 2024, approximately 3.0 million cubic yards of airspace in Cell 1 i.e. almost the entire airspace had been consumed before commencement of closure construction. The combined storage capacity in Cells 1 and 2, with Cell 2 piggybacking on the north slope of Cell 1, is approximately 6.4 million cubic yards. Based on the latest topographic survey by WSP on March 22, 2025, approximately 1.3 million cubic yards of airspace in Cell 2 had been consumed and approximately 4.3 million cubic yards of airspace in Cells 1 and 2 had been consumed, with a remaining airspace of approximately 2.1 million cubic yards in Cell 2.

² The topographic survey performed on February 21, 2024 was not used in computing the average airspace consumption rate since May 28, 2015 because the incremental waste volume was not provided and the heading for the table that showed available remaining volume was mis-labeled. Therefore, the topographic survey performed on December 18, 2023 was selected for the calculations.

It should be noted that waste generation rate and airspace consumption could vary, depending on energy production, facility maintenance activities, and the ash and sulfur contents of the coal used for power generation.

Fugitive Dust Control

A CCR Fugitive Dust Control Plan for the Stanton Energy Center was completed by OUC on October 2, 2015. The plan stipulates CCR fugitive dust control measures, which include spraying water, sweeping roadways, restricting vehicle travel speed, etc., to minimize waste materials from becoming airborne. It also describes procedures to log citizen complaints and to assess the effectiveness of the plan. Furthermore, the CCR Fugitive Dust Control Plan requires the outside contractor retained by OUC for waste processing and landfill operation to prepare daily logs to document any observed fugitive dust emissions and, if needed, to implement any corrective measures following the observations.

The 2024 Annual CCR Fugitive Dust Control Report for the Stanton Energy Center is included in Appendix B. Based on the report, it is our professional opinion that no changes to the CCR Fugitive Dust Control Plan and fugitive dust control measures are necessary. Nevertheless, OUC should continue to monitor any fugitive dust emissions caused by generation and disposal of CCR wastes and periodically assess the effectiveness of any fugitive dust control measures.

On-Site Rainfall

In 2024, a total of 57.32 inches of rainfall was recorded by the rain gauge installed near the Makeup Water Supply Pond, which is located on the east side of the Stanton Energy Center. The maximum daily rainfall in 2024 was 4.80 inches. The 2024 rainfall was 5.87 inches above the annual rainfall of 51.45 inches in a normal year, based on the historical rainfall data documented at the nearby Orlando International Airport Climatological Station for the 30-year period between 1991 and 2020.

The rain gauge recorded total monthly rainfalls of 1.45 inches, 1.13 inches, 0.71 inches, and 0.66 inches in January, February, March, and April of 2025, respectively; with a total rainfall of 3.95 inches. The total normal year rainfall for these four months at the nearby Orlando International Airport Climatological Station was documented to be approximately 4.02 inches. Accordingly, the on-site rainfall from January 1 through April 30, 2025 was very close to normal. No rain occurred at the site on the date of our site visit.

Landfill Leachate

Separate pumps and flow totalizers were installed for the leachate collection and leak detection systems in each of the four subcells (i.e., a total of eight pumps and flow totalizers) for Cell 1. Similar pumping and metering systems were also provided for the leachate collection and leak detection systems in each of the four subcells for Cell 2.

The totalizer readings for the pumps from January 1, 2024 through December 31, 2024 were provided by OUC and reviewed by TT-AAI. The totalizer readings and calculated flow rates are included in Appendix C. As shown, the average flow rates for the leachate collection systems in Cells 1 and 2 were approximately 19 and 71 gallons per minute (gpm), respectively. The average flow rates for the leak detection systems in Cells 1 and 2 were approximately 0.4 and 0.5 gpm,

respectively. The average combined leachate flow rate was 91 gpm or 0.13 million gallons per day (mgd).

When needed, OUC employed trailer-mounted auxiliary diesel pumps to aid in removing leachate from Cells 1 and 2 and discharge it to the CWSA Runoff Pond located east of the CWSA via an 8-inch diameter HDPE force main that was installed along the west and south sides of Cells 1 and 2. The pumps did not have flow totalizers but were provided with run-time meters. OUC recorded the total run-time for each pump at the beginning and end of 2024. Based on the data provided by OUC, the total run-times of the auxiliary diesel pumps in 2024 were approximately 2,260 hours for the 6-inch unit and 361 hours for the 8-inch unit.

Weekly Inspections

An employee of Eco Material Technologies, Inc. (the outside contractor retained by OUC for waste processing and landfill operation) inspected Cells 1 and 2 weekly in 2024. The weekly inspections were performed to assess the condition of containment dikes, perimeter dikes, landfill cells including base area and slope area, stormwater ditch including condition of box culverts, and inlets to the wet detention pond. In addition, visual inspections were performed to confirm extent of waste within landfill cells, any visible erosions, any exposed geosynthetics, any locations having standing water, leachate collection and leak detection systems, and any significant vegetation overgrowth.

Summaries of the key observations of the weekly inspection reports for 2024 received from OUC are included in Appendix D. The following items were noted from our review of the weekly inspection reports:

- No waste was observed outside designated waste disposal boundaries.
- No waste or leachate was observed to be above liner anchor trench or on containment dike slopes.
- No standing water was observed on the base or top of landfill cells.
- No significant erosion or washouts were noticed within the footprint of Cells 1 and 2. Few exceptions are noted below.
 - Localized erosion on west slope of Cell 1 observed during weekly inspections on April 1, 2024 and April 9, 2024.
- No exposed liner or geocomposite was observed during the weekly inspections.
- No hindrance to surface water drainage was noticed during the weekly inspections.
- No significant standing water was observed on the drainage ditches.
- No significant overgrown vegetation was observed during the weekly inspections.
- The inlet structures from the stormwater ditch to the wet detention pond were observed to be in good condition.

- The drainage ditches were found to be in good condition except during the months of January through April 2024, where there was some vegetation which needed to be cleaned.
- The box culverts on the stormwater ditch for both Cells 1 and 2 were found to be in good condition except during the weekly inspection of August 9, 2024, where it was noted that the culvert no. 2 for the Cell 2 was filled with soil and needed cleaning. The culvert was found to be in good condition during the subsequent weekly inspection.
- The containment dikes and perimeter dikes for Cells 1 and 2 were observed to be in good condition throughout CY 2024.
- The landfill cells and the landfill base and slopes yet to be covered with waste were found to be in good condition during the weekly inspections in CY 2024.
- The following observations pertain to the leachate collection system and leak detection system pumps during the weekly inspections in CY 2024.
 - The leak detection system pumps in Sumps 3 and 4 were not functioning during the weekly inspections performed from start of CY 2024 until February 20, 2024.
 - The pump station at Sump 1 of Cell 1 had a faulty UPS during the weekly inspections from March 13, 2024 through May 16, 2024.
 - The pump station at Sump 2 of Cell 1 was not working due to high panel temperature during the weekly inspections from March 13, 2024 through May 16, 2024.
 - The leak detection system pump in Sump 1 of Cell 2 did not function during the weekly inspections performed on April 1, 2024.
 - The leak detection system Sumps 3 and 4 of Cell 2 showed high water level during weekly inspections of April 1, 2024.
 - The leak detection system pump at Sump 1 of Cell 1 had an alarm going off during the weekly inspections from May 22, 2024 to July 3, 2024. The UPS on the pump station had been bypassed during that period.
 - The leak detection system pump at Sump 2 of Cell 1 had an alarm going off during the weekly inspections from May 22, 2024 to July 3, 2024. The alarm indicated high water level and the pump failed to start during that period.
 - The leak detection system and leachate collection system pumps at Sump 3 of Cell 1 showed negative water level readings during the weekly inspections from May 22, 2024 to July 3, 2024.
 - The leak detection system pump at Sump 1 of Cell 2 had an alarm going off during the weekly inspections from May 22, 2024 to July 3, 2024 and the pump switched on and off during that period.
 - The leak detection system pump at Sump 3 of Cell 2 had an alarm going off during the weekly inspections from May 22, 2024 to July 3, 2024.
 - The leak detection system pump at Sump 4 of Cell 2 showed high sump water levels and the pumps switched on and off during the weekly inspections from May 22, 2024 to July 3, 2024.

- The panels of leak detection system and leachate collection system pumps at Sump 3 and Sump 4 of Cell 1 showed faulty high water levels during the weekly inspections from September 19, 2024 to November 5, 2024.
- The leak detection system pump at Sump 3 of Cell 2 showed high sump water levels during the weekly inspections from November 12, 2024 to December 30, 2024.
- The leachate collection system pump at Sump 2 of Cell 2 had loss of communication during the weekly inspections from November 12, 2024 to December 30, 2024.
- The leak detection system pump screen at Sump 1 of Cell 2 was not working during the weekly inspections from November 12, 2024 to December 27, 2024.

FDEP Inspection

A landfill inspection performed by Mr. David Janson of the FDEP Central District on April 17, 2024 indicated that all applicable inspection checklist items were satisfactory. A copy of the FDEP inspection report is included in Appendix E.

Annual Inspection

The tenth annual inspection of the CCR landfill cells at the Stanton Energy Center was conducted by Messrs. Francis K. Cheung, P.E., and Jeyisanker Mathiyaparanam, P.E., of TT-AAI on April 29, 2025. The inspection included observing the conditions of Cells 1 and 2 as well as the conditions of the closed original CWSA, the closed vertical expansion, and other facilities that support landfill operation. Our landfill inspection was conducted on foot between 11:40 am and 1:30 pm. At the time of our site visit, the weather was sunny with an air temperature of approximately 80°F when we arrived at the site and 84°F near the end of our inspection. No rain occurred at the site on the date of our landfill inspection.

We began the landfills inspection by observing Cells 1 and 2 from the top of the closed vertical expansion, at an elevation of approximately +175 feet (NAVD88). Cell 1 was undergoing closure construction. Waste materials were also observed on the south side of the bottom and slope areas of Cell 2 abutting the CWSA.

After observing the general conditions of Cells 1 and 2 from the top of the closed vertical expansion, we walked down the landfill slope at the southeastern corner of Cell 1. From there, we walked clockwise on the containment dike crest along the south and west sides of Cell 1, along the west side of Cell 2, and then along the north side of Cell 2 to observe the conditions of Cells 1 and 2, the containment and perimeter dikes, the stormwater drainage ditch between the containment and perimeter dikes, and the leachate pumping stations on the containment dike crest. We also inspected the wet detention pond and other supporting facilities.

During our site visit on April 29, 2025, one Caterpillar® articulated dump trucks were transporting waste materials into Cell 2, one watering truck was suppressing dust inside Cell 2, and one dozer was spreading waste materials inside Cell 2. An excavator was sitting inside Cell 2 but was not operating. The dump truck entered and exited Cell 1 using the West Haul Road, which is a limerock road that runs along the west side of the closed original CWSA and the east side of the horizontal expansion.

At the time of our site visit, the power supply lights for all eight leachate control panels for Cells 1 and 2 were on. The alarm lights on some of the electrical panels were blinking which indicated that some of the pumps may have ran outside the established operating range since the last time the alarm was physically addressed.

One trailer-mounted auxiliary diesel pump was observed on the crest road of the west containment dike near the southwestern corner of Cell 2, with the pump intake placed on top of the containment dike crest. The auxiliary pump was not operating at the time of our site visit.

The outside slope of the containment dike, and the inside and outside slopes of the perimeter dike, were generally in a good condition except for some localized spots with sparse grass cover. Based on our visual observations, flow should occur freely through the stormwater drainage ditch and box culverts that were constructed between the containment and perimeter dikes along the west side of Cells 1 and 2 and the south side of Cell 1. The two inlets on the south side of Cell 1, which are connected to pipes draining into the wet detention pond near its northwestern corner, were also in a good condition.

Both the East and West Haul Roads were in good conditions, with minimal rutting and depression. The roads were approximately 50 feet wide, which should be sufficient for two-way traffic by articulated dump trucks. No debris or waste materials were observed in the drainage ditches on both sides of the haul roads.

During our site inspection, TT-AAI observed three groundwater monitoring or water level observation wells near Cell 1. Each of these wells was provided with a concrete pad and a metal protective casing. MW-A is located near the southeastern corner of Cell 1. MW-10 is located south of Cell 1 and near the northwestern corner of the wet detention pond. The well located west of and near the southwestern corner of Cell 1 had a tag identifying the well as MW-9, but the labels on the inside of the aluminum cap and on the well identified this well as MW-8. All three wells appeared to be in good conditions without any visible damages. Since the wells are located inside of a secured facility, none of the wells were locked.

Selected photographs taken during our landfill inspection on April 29, 2025 are included in Appendix F.

Summary

Below is a summary of key observations and findings from our 2025 landfill inspection and review of the landfill operation data provided by OUC:

- Cell 1 was undergoing closure construction.
- Cell 1 was designed to have a maximum final cover elevation of +175 feet (NAVD88), corresponding to a height of approximately 90 feet above natural grade.
- Approximately 16 acres of the base and slope areas abutting CWSA in the southern two subcells in Cell 2 were covered with waste materials, with a maximum elevation of approximately +150 feet (NAVD88), corresponding to a maximum waste thickness of approximately 54 feet.
- All waste materials were properly contained inside the lined areas of Cell 2.

- The combined storage capacity in Cells 1 and 2, with Cell 2 piggybacking on the north slope of Cell 1, is approximately 6.4 million cubic yards.
- Based on the latest topographic survey performed on March 22, 2025, the consumed airspace in Cells 1 and 2 was approximately 4.3 million cubic yards, and the remaining airspace in Cell 2 was approximately 2.1 million cubic yards.
- The overall average waste generation rate in Cell 1 between May 28, 2015 (i.e., the date when waste was first placed inside Cell 1) and December 18, 2023 was estimated to be on the order of 0.37 million cubic yards per year.
- The waste generation rate in Cell 2 between April 28, 2022 (i.e. the date when waste was first placed inside Cell 2) and March 22, 2025 (i.e. the date of the most recent survey by WSP) was estimated to be on the order of 0.44 million cubic yards per year. The most recent waste generation rate was estimated to be on the order of 0.63 million cubic yards per year.
- The overall average miscellaneous waste deposition rate was estimated to be on the order of 0.17 million cubic yards per year.
- No signs of actual or potential structural weakness, and no conditions that are disrupting or have the potential to disrupt the operation and safety of Cell 2.
- The 2025 annual inspection did not reveal any outstanding major items or issues that require immediate corrective measures.

Recommendations

Below are our recommendations for continued landfill operation at the Stanton Energy Center:

- A sufficient number of auxiliary diesel pumps should continue to be used to remove any accumulated leachate in Cell 2 and discharge it to the CWSA Runoff Pond whenever the leachate pumping system is out of service or cannot handle the leachate flow.
- The daily leachate quantities generated in Cells 1 and 2, including leachate quantities removed by the auxiliary pumps, should continue to be measured and documented.
- OUC or its landfill contractor should continue to inspect Cells 1 and 2 as well as related facilities weekly and after heavy storm events or prolonged periods of wet weather.
- The landfill slope should continue to be maintained no steeper than 3H:1V.
- Any bare areas should be sodded to minimize erosion, and any eroded gullies should be repaired, when necessary.
- The inconsistent label for the monitoring well MW-9R located west of and near the southwestern corner of Cell 1 should be resolved.

Recordkeeping and Future Inspection

OUC should be cognizant of the following recordkeeping requirements: (i) the annual CCR landfill inspection report must be placed in the written operating record at the facility as stipulated in 40 CFR § 257.105(g)(9); (ii) the State Director³ must be notified of the availability of the report as stipulated in 40 CFR § 257.106(g)(7); and (iii) the report must be posted on the OUC website as stipulated in 40 CFR § 257.107(g)(7).

As stipulated in 40 CFR §257.84(b)(4), the schedule for the next annual CCR landfill inspection is as follows:

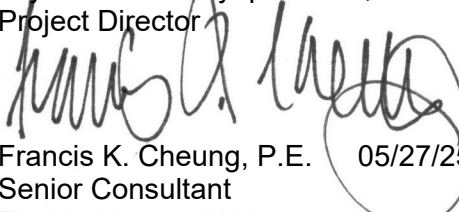
“... In all cases, the deadline for completing subsequent inspection reports is based on the date of completing the previous inspection report. For purposes of this section, the owner or operator has completed an inspection when the inspection report has been placed in the facility’s operating record as required by § 257.105(g)(9).”

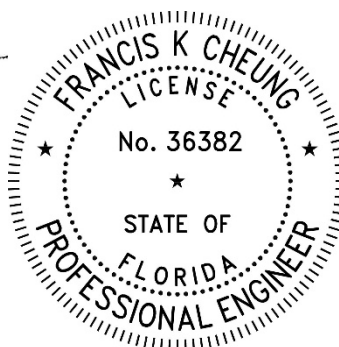
TT-AAI interprets this to mean that the next annual CCR landfill inspection should be completed and the inspection report should be placed in the operating record at the Stanton Energy Center within one year of the date that the report is officially placed in the operating record. Accordingly, we recommend the next annual inspection of Cells 1 and 2 be performed in early 2026.

TT-AAI appreciates the opportunity of providing services to OUC. If you have any questions or need additional information, please contact us.

Very truly yours,
ARDAMAN & ASSOCIATES, INC. - A Tetra Tech Company
Certificate of Authorization Number 5950


Jeyisanker Mathiyaparanam, P.E.
Project Director


Francis K. Cheung, P.E. 05/27/25
Senior Consultant
Florida License No. 36382



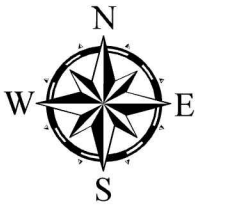
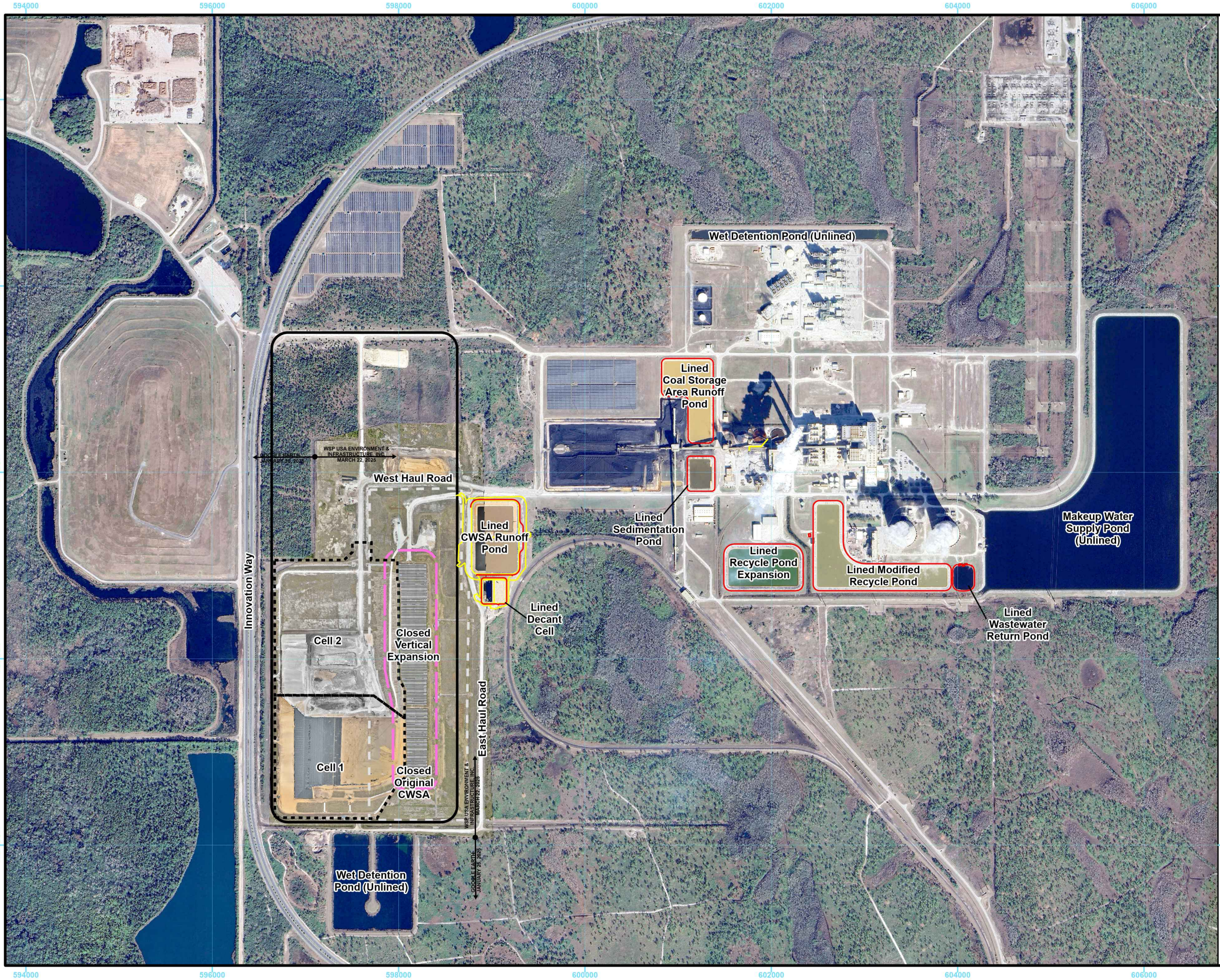
Francis K Cheung  Digitally signed by Francis K Cheung
Date: 2025.05.27 19:48:23 -04'00'

This item has been digitally signed and sealed by Francis K. Cheung, P.E., on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Enclosures

³ In the CCR Rule, the State Director refers to “the chief administrative officer of the lead state agency responsible for implementing the state program regulating disposal in CCR landfills, CCR surface impoundments, and all lateral expansions of a CCR unit.”



Scale: 1" = 1,000'

AERIAL SOURCE:
WSP USA ENVIRONMENT &
INFRASTRUCTURE, INC.,
MARCH 22, 2025 &
GOOGLE EARTH, JANUARY 25, 2025

Legend

- Cell Boundary
- 250-Acre Area
- Closed Vertical Expansion
- Original CWSA Limits



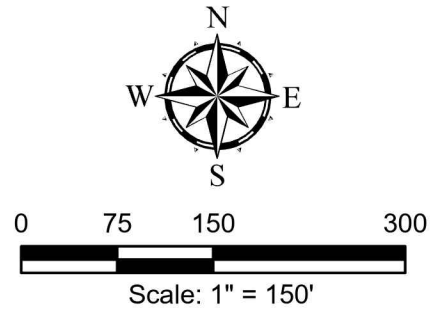
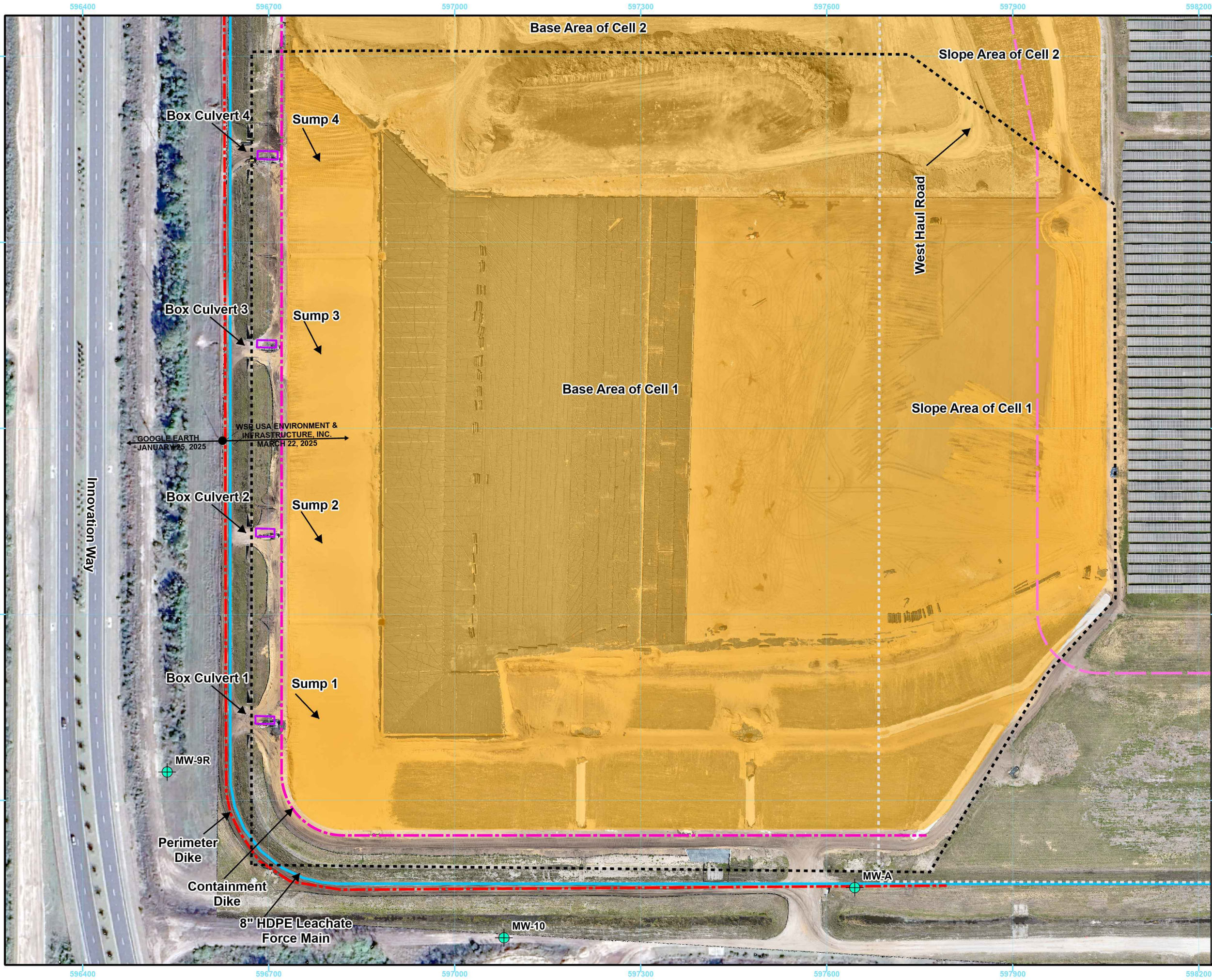
SITE PLAN



2025 ANNUAL INSPECTION OF
CCR LANDFILL AT
STANTON ENERGY CENTER
ORANGE COUNTY, FLORIDA

DRAWN BY: ACV	CHECKED BY: PAK	DATE: 5/19/2025
FILE NO. 25-13-0166	APPROVED BY: FKC	FIGURE: 1

W:\Projects\2025\25-13-0166\ArcGIS\APRX\20250311_Stanton_Energy_Center_Aerial_Photo.aprx



AERIAL SOURCE:
WSP USA ENVIRONMENT &
INFRASTRUCTURE, INC.,
MARCH 22, 2025 &
GOOGLE EARTH, JANUARY 25, 2025

Legend

- Monitor Well/Piezometer
- Pump Station Control Panel
- Cell 1 Boundary
- Liner Limit
- Closed Vertical Expansion
- Original CWSA Limits
- Containment Dike Centerline
- Perimeter Dike Centerline
- Leachate Force Main



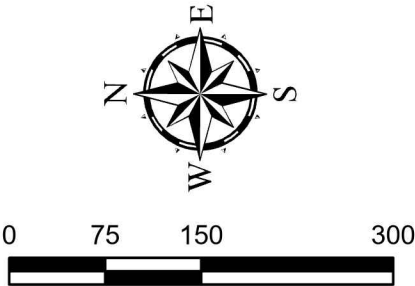
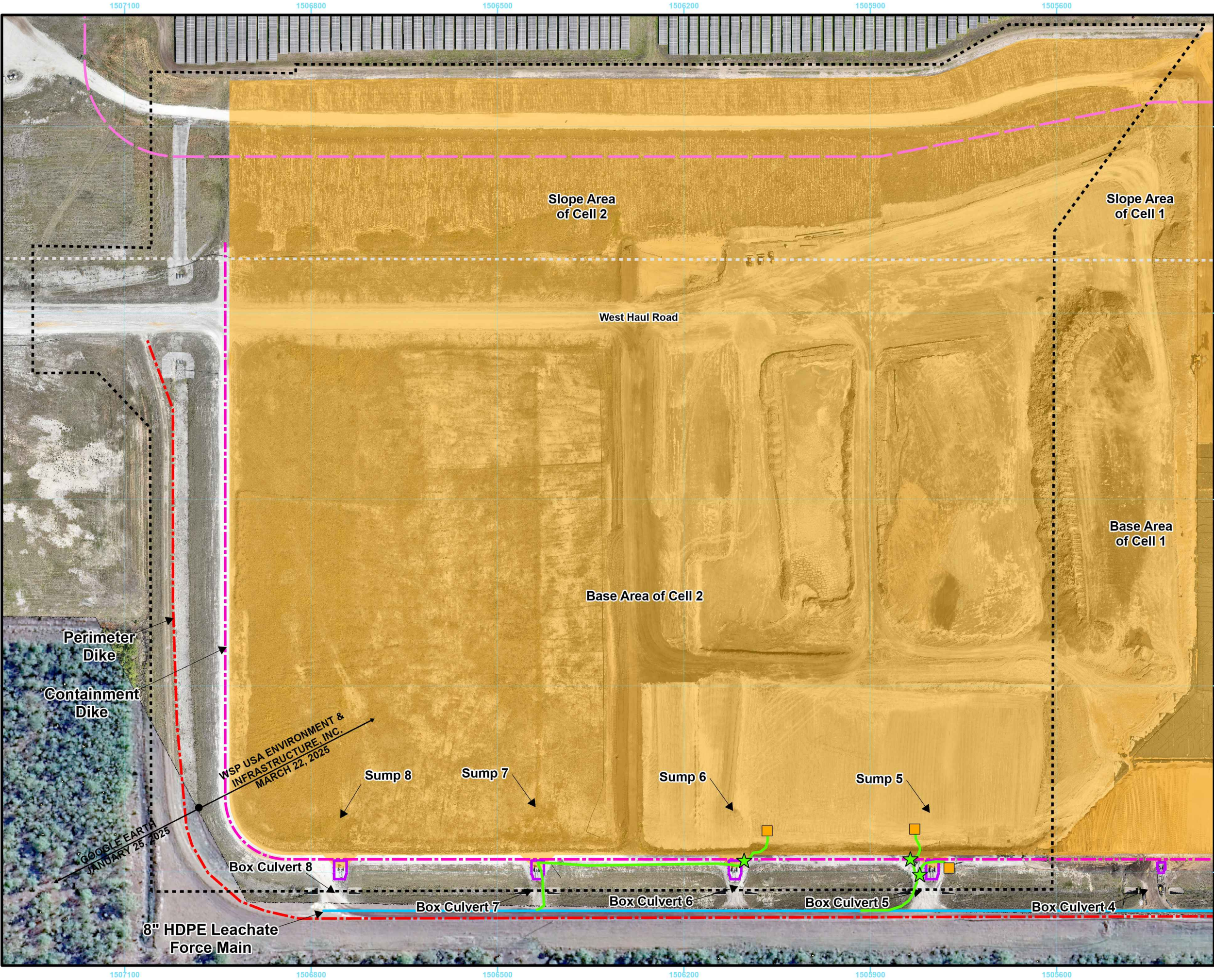
AERIAL PHOTOGRAPH OF CELL 1



2025 ANNUAL INSPECTION OF
CCR LANDFILL AT
STANTON ENERGY CENTER
ORANGE COUNTY, FLORIDA

DRAWN BY: ACV	CHECKED BY: JM	DATE: 5/19/2025
FILE NO. 25-13-0166	APPROVED BY: FKC	FIGURE: 2

W:\Projects\2025\25-13-0168\GIS\APRX\20250311_Stanton_Energy_Center_Aerial_PhotoGraph_Cell_2.aprx



Scale: 1" = 150'

AERIAL SOURCE:
WSP USA ENVIRONMENT &
INFRASTRUCTURE, INC.,
MARCH 22, 2025 &
GOOGLE EARTH, JANUARY 25, 2025

- Legend**
- Pump Station Control Panel
 - Intake Line
 - Auxiliary Pump
 - Pipe Line
 - Cell 2 Boundary
 - Liner Limit
 - Closed Vertical Expansion
 - Original CWSA Limits
 - Containment Dike Centerline
 - Perimeter Dike Centerline
 - Leachate Force Main



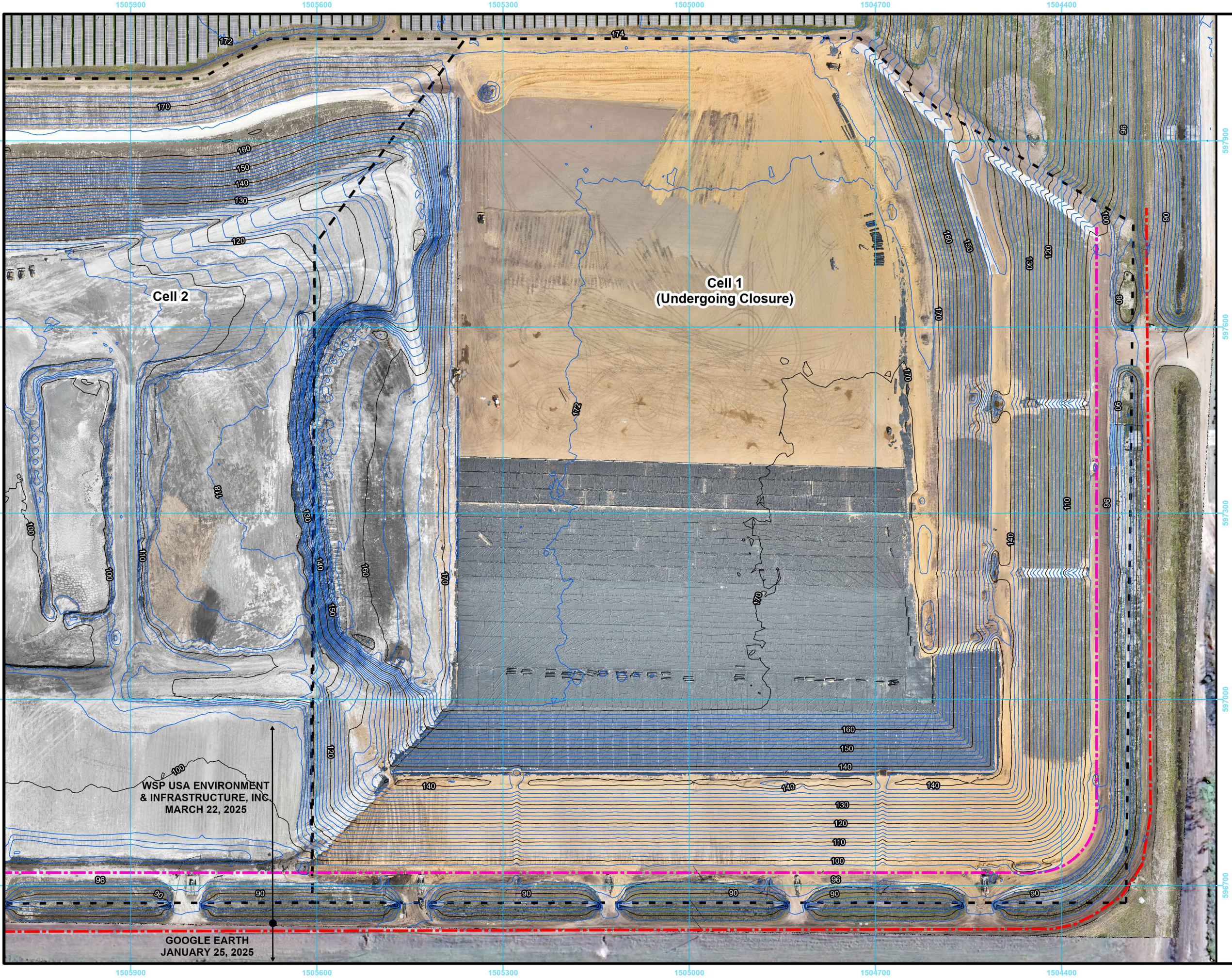
AERIAL PHOTOGRAPH OF CELL 2

Arđaman & Associates, Inc.
Geotechnical, Environmental, and
Materials Consultants
A Tetra Tech Company

2025 ANNUAL INSPECTION OF
CCR LANDFILL AT
STANTON ENERGY CENTER
ORANGE COUNTY, FLORIDA

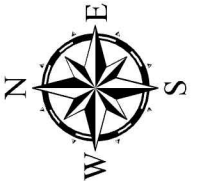
DRAWN BY: ACV	CHECKED BY: JM	DATE: 5/19/2025
FILE NO. 25-13-0166	APPROVED BY: FKC	FIGURE: 3

W:\Projects\2023\23-13-0078\ArcGIS\APR\20250317_OUC_CELL_1_TOPO.aprx



WSP USA ENVIRONMENT
& INFRASTRUCTURE, INC
MARCH 22, 2025

GOOGLE EARTH
JANUARY 25, 2025



Scale: 1" = 150'

TOPO SOURCE:
WSP USA ENVIRONMENT &
INFRASTRUCTURE, INC.,
MARCH 22, 2025.

AERIAL SOURCE:
WSP USA ENVIRONMENT &
INFRASTRUCTURE, INC.,
MARCH 22, 2025 &
GOOGLE EARTH, JANUARY 25, 2025

Legend

- 5' Contour
- 1' Contour
- - - Containment Dike Centerline
- - - Perimeter Dike Centerline
- - - Cell Boundaries



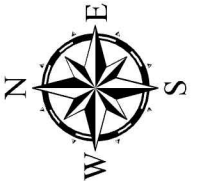
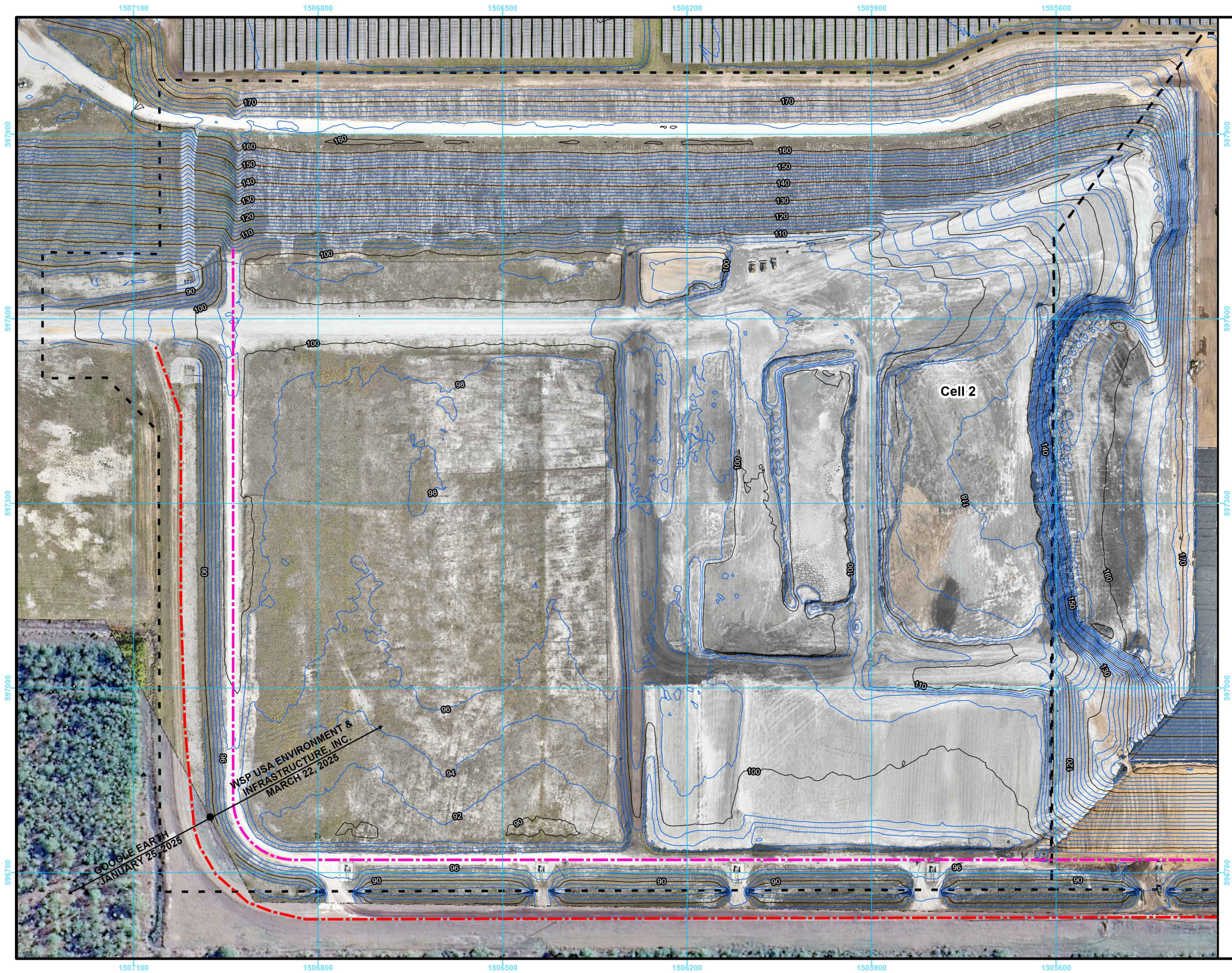
SURVEY OF CELL 1 ON 3/22/2025



2025 ANNUAL INSPECTION OF
CCR LANDFILL AT
STANTON ENERGY CENTER
ORANGE COUNTY, FLORIDA

DRAWN BY: ACV	CHECKED BY: JM	DATE: 5/19/2025
FILE NO. 25-13-0166	APPROVED BY: FKC	FIGURE: 4

W:\Projects\2023\23-13-0078\ArcGIS\APRX\20250317_OUC_CELL_2_TOPO.aprx



Scale: 1" = 150'

TOPO SOURCE:
WSP USA ENVIRONMENT &
INFRASTRUCTURE, INC.,
MARCH 22, 2025.

AERIAL SOURCE:
WSP USA ENVIRONMENT &
INFRASTRUCTURE, INC.,
MARCH 22, 2025 &
GOOGLE EARTH, JANUARY 25, 2025

Legend

- 5' Contour
- 1' Contour
- - - Containment Dike Centerline
- - - Perimeter Dike Centerline
- - - Cell Boundaries



SURVEY OF CELL 2 ON 3/22/2025



**2025 ANNUAL INSPECTION OF
CCR LANDFILL AT
STANTON ENERGY CENTER
ORANGE COUNTY, FLORIDA**

DRAWN BY: ACV	CHECKED BY: JM	DATE: 5/19/2025
FILE NO. 25-13-0166	APPROVED BY: FKC	FIGURE: 5

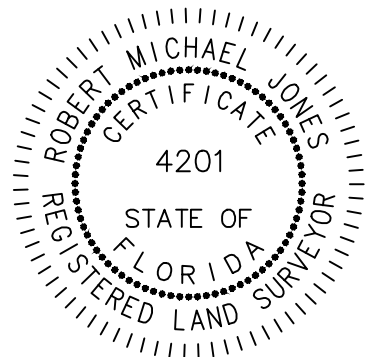
Appendix A

**Topographic and Waste Quantity Surveys by WSP on
April 16, 2024, November 20, 2024, and March 22, 2025**

Map of Topographic / Quantity Survey
of
n of Combustion Waste
Located in
Curtis H. Stanton Energy Center
Orange County, Florida

SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
JAN 2015	34,493.11	1,246.77	33,246.34
JAN 2016	90,582.32	59.63	90,522.69
FEB 2016	51,492.27	1,617.08	49,875.19
MAR 2016	50,521.00	415.20	50,105.80
APR 2016	42,996.09	107.39	42,888.70
MAY 2016	30,746.55	1,315.06	29,431.49
JUN 2016	24,725.26	1,318.89	23,406.37
JUL 2016	23,903.85	720.50	23,183.35
AUG 2016	45,680.73	552.65	45,128.08
SEP 2016	35,277.68	2,717.19	32,560.49
OCT 2016	41,091.95	373.75	40,718.20
NOV 2016	26,769.78	584.59	26,185.19
DEC 2016	39,511.03	71.13	39,439.90
JAN 2017	49,129.26	638.02	48,491.24
FEB 2017	20,414.90	543.32	19,871.58
MAR 2017	18,828.76	75.46	18,753.30
APR 2017	74,873.83	10,370.50	64,503.33
MAY 2017	69,893.77	7,856.80	62,036.97
JUN 2017	36,933.97	1,137.68	35,796.29
JUL 2017	30,986.22	1,659.06	29,327.16
AUG 2017	30,516.37	1,725.25	28,791.12
SEP 2017	37,960.57	2,102.78	35,857.79
OCT 2017	22,549.35	2,232.30	20,317.05
NOV 2017	48,815.96	3,263.68	45,552.28
JAN 2018	77,758.64	36,162.39	41,596.25
FEB 2018	38,056.88	4,604.22	33,452.66
APR 2018	69,275.99	58,750.94	10,525.05
MAY 2018	95,418.82	57,003.63	38,415.19
JUL 2018	177,216.68	54,596.31	122,622.37
JAN 2019	214,742.47	11,673.48	203,068.99
FEB 2019	62,388.98	27,949.34	34,439.64
APR 2019	61,464.19	53,646.10	7,818.09
AUG 2019	156,554.09	10,818.11	145,735.98
OCT 2019	87,009.81	3,936.58	83,073.23
APR 2020	171,029.52	2,389.84	168,639.68
MAY 2020	44,781.15	11,250.01	33,531.14
SEP 2020	160,224.99	21,340.37	138,884.62
APR 2021	228,567.12	7,220.07	221,347.05
JAN 2022	272,895.46	6,566.70	266,328.76
MAY 2022	110,016.03	4,916.45	105,099.58
MAY 2023	258,985.35	31,338.73	227,646.62
AUG 2023	129,794.89	5,598.08	124,196.81
DEC 2023	109,860.76	20,387.29	89,473.47

SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
AVAILABLE VOLUME REMAINING FROM APRIL 2024 SURVEY TO TOP OF WASTE FINAL DESIGN TEMPLATE	185815.21	74629.71	CELL FULL



ROBERT M. JONES
FLORIDA PROFESSIONAL SURVEYOR AND MAPPER
LICENSE No. LS 4201

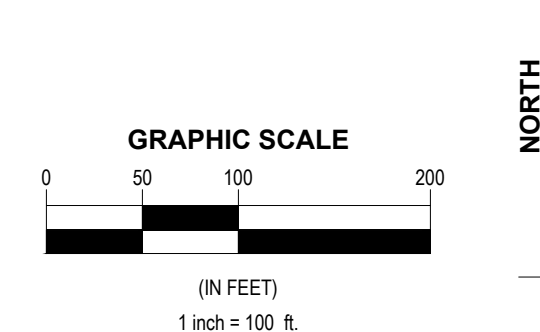


Surveyor's Notes / Report:

1. This map of Topographic / Quantity Survey is not valid without the signature and the original raised seal of the signing Florida Licensed Surveyor and Mapper.
2. This Topographic / Quantity Survey was compiled utilizing aerial Photogrammetric Mapping and Light Detecting and Ranging (LiDAR) technology for the purpose of determining and mapping elevations and subsequent contour lines over an area identified by the client.
3. Break-lines were collected from color digital aerial photography captured during the flight mission. These were draped to a bare earth surface model created from the LiDAR data while simultaneously viewing the conventional topographic lines over a 3-Dimensions on a softcopy workstation.
4. This map is intended to be displayed at a scale of 1"=100' or smaller. Contour interval is two (2) foot. The expected positional accuracy of well-defined and identified surveyed positions complies with Florida Administrative Code Rule Chapter 5J-17, Standards of Practice.
5. All map features contained herein represents actual visible site conditions existing at the time of aerial photography and LiDAR captured simultaneously April 16, 2024.
6. For purposes of clarity all spot elevations and other related topographic data may not be depicted hereon. The work product is intended to be a digital product deliverable. This data is available in electronic format in WSP file "20240416 - Cell 1 Quantities.dwg" and other related digital files and has been furnished to the client.
7. Additions or deletions to this topographic survey are prohibited without written consent of the signing Florida licensed surveyor and mapper. The signing party is not responsible for additions, deletion or manipulation of the data contained in the topographic survey map or associated digital file.
8. Lands shown hereon were not abstracted by the Surveyor for rights-of-way, easements, ownership or other instruments of record. No title opinion or abstract of matters affecting title or boundary to the subject property or those of adjoining land owners has been provided to the Surveyor for review.
9. Underground improvements such as foundations and utilities were not located.
10. This survey does not address the identification or location of jurisdictional wetlands or sovereign lands, if any, that may lie within or adjacent to the lands surveyed.
11. Coordinates shown hereon are relative to the Florida State Plane Coordinate System, Transverse Mercator projection, Florida East Zone (FL E 0901), US Survey Foot, North American Datum of 1983/2011 Adjustment.
12. Elevations shown hereon are relative to the North American Vertical Datum of 1988 (NAVD88) based on the following recovered or reset benchmarks:

JH7	BM#14	PTA13
Northing: 1507046.73	Northing: 1507740.55	Northing: 1504260.39
Easting: 598110.83	Easting: 600838.18	Easting: 597638.46
Elevation: 175.06'	Elevation: 81.04'	Elevation: 92.97'
5/8" Iron Rod & Cap "WOOD TRAV"	CM with 3" Brass Disk "HVM4"	4"x4" CM "PTA13"

13. This Map of Topographic / Quantity Survey is certified to: ORLANDO UTILITIES COMMISSION



Legend

CM = Concrete Monument
CY = Cubic Yards
SF = Square Feet

Prepared by:



Field survey last day in field: 4/16/2024

Prepared for:

ORLANDO UTILITIES COMMISSION
5971 Perishing Avenue
Orlando, Florida 32822
Phone: 407-384-4077

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Title:

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Map of Topographic / Quantity Survey
of
Horizontal Expansion of Combustion Waste Storage Area - Cell 1
Located in
Curtis H. Stanton Energy Center
Orange County, Florida

SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
JAN 2015	34,493.11	1,246.77	33,246.34
JAN 2016	90,582.32	59.63	90,522.69
FEB 2016	51,492.27	1,617.08	49,875.19
MAR 2016	50,521.00	415.20	50,105.80
APR 2016	42,996.09	107.39	42,888.70
MAY 2016	30,746.55	1,315.06	29,431.49
JUN 2016	24,725.26	1,318.89	23,406.37
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NOV 2016	26,769.78	584.59	26,185.19
DEC 2016	39,511.03	71.13	39,439.90
JAN 2017	49,129.26	638.02	48,491.24
FEB 2017	20,414.90	543.32	19,871.58
MAR 2017	18,828.76	75.46	18,753.30
APR 2017	74,873.83	10,370.50	64,503.33
MAY 2017	69,893.77	7,856.80	62,036.97
JUN 2017	36,933.97	1,137.68	35,796.29
JUL 2017	30,986.22	1,659.06	29,327.16
AUG 2017	30,516.37	1,725.25	28,791.12
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NOV 2017	48,815.96	3,263.88	45,552.08
JAN 2018	77,758.64	36,162.39	41,596.25
FEB 2018	38,056.88	4,604.22	33,452.66
APR 2018	69,275.99	58,750.94	10,525.05
MAY 2018	95,418.82	57,003.63	38,415.19
JUL 2018	177,218.68	54,596.31	122,622.37
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APR 2019	61,464.19	53,646.10	7,818.09
AUG 2019	156,554.09	10,818.11	145,735.98
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SEP 2020	160,224.99	21,340.37	138,884.62
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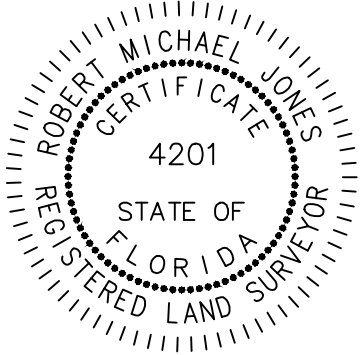
SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
AVAILABLE VOLUME REMAINING FROM NOVEMBER 2024 SURVEY TO TOP OF WASTE FINAL DESIGN TEMPLATE	288693.51	11956.14	CELL FULL



Surveyor's Notes / Report:

- This map of Topographic / Quantity Survey is not valid without the signature and the original raised seal of the signing Florida licensed Surveyor and Mapper.
- This Topographic / Quantity Survey was compiled utilizing aerial Photogrammetric Mapping and Light Detecting and Ranging (LiDAR) technology for the purpose of determining and mapping elevations and subsequent contour lines over an area identified by the client.
- Break-lines were collected from color digital aerial photography captured during the flight mission. These were draped to a bare earth surface model created from the LiDAR data while simultaneously viewing the conventional photography in 3-Dimensions on a softcopy workstation.
- This map is intended to be displayed at a scale of 1"=100' or smaller. Contour interval is two (2) foot. The expected positional accuracy of well-defined and identified surveyed positions complies with Florida Administrative Code Rule Chapter 5J-17, Standards of Practice.
- All map features contained herein represents actual visible site conditions existing at the time of aerial photography and LiDAR captured simultaneously April 16, 2024.
- For purposes of clarity all spot elevations and other related topographic data may not be depicted hereon. The work product is intended to be a digital product deliverable. This data is available in electronic format in WSP file "20241120 - Cell 1 Quantities.dwg" and other related digital files and has been furnished to the client.
- Additions or deletions to this topographic survey are prohibited without written consent of the signing Florida licensed surveyor and mapper. The signing party is not responsible for additions, deletion or manipulation of the data contained in the topographic survey map or associated digital file.
- Lands shown hereon were not abstracted by the Surveyor for rights-of-way, easements, ownership or other instruments of record. No title opinion or abstract of matters affecting title or boundary to the subject property or those of adjoining land owners has been provided to the Surveyor for review.
- Underground improvements such as foundations and utilities were not located.
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Elevation: 175.06'	Elevation: 81.04'	Elevation: 92.97'
5/8" Iron Rod & Cap "WOOD TRAV"	CM with 3" Brass Disk "HVM4"	4"x4" CM "PTA13"
- This Map of Topographic / Quantity Survey is certified to: ORLANDO UTILITIES COMMISSION



ROBERT M. JONES
FLORIDA PROFESSIONAL SURVEYOR AND MAPPER
LICENSE No. LS 4201

Legend
CM = Concrete Monument
CY = Cubic Yards
SF = Square Feet

Field survey last day in field: 11/20/2024

Prepared by:

WSP USA ENVIRONMENT & INFRASTRUCTURE, INC.

550 Northlake Boulevard, Suite 1000
Altamonte Springs, FL 32701 USA
Phone: (407) 522-7570
www.wsp.com
Certificate of Authorization Number LB-0007692



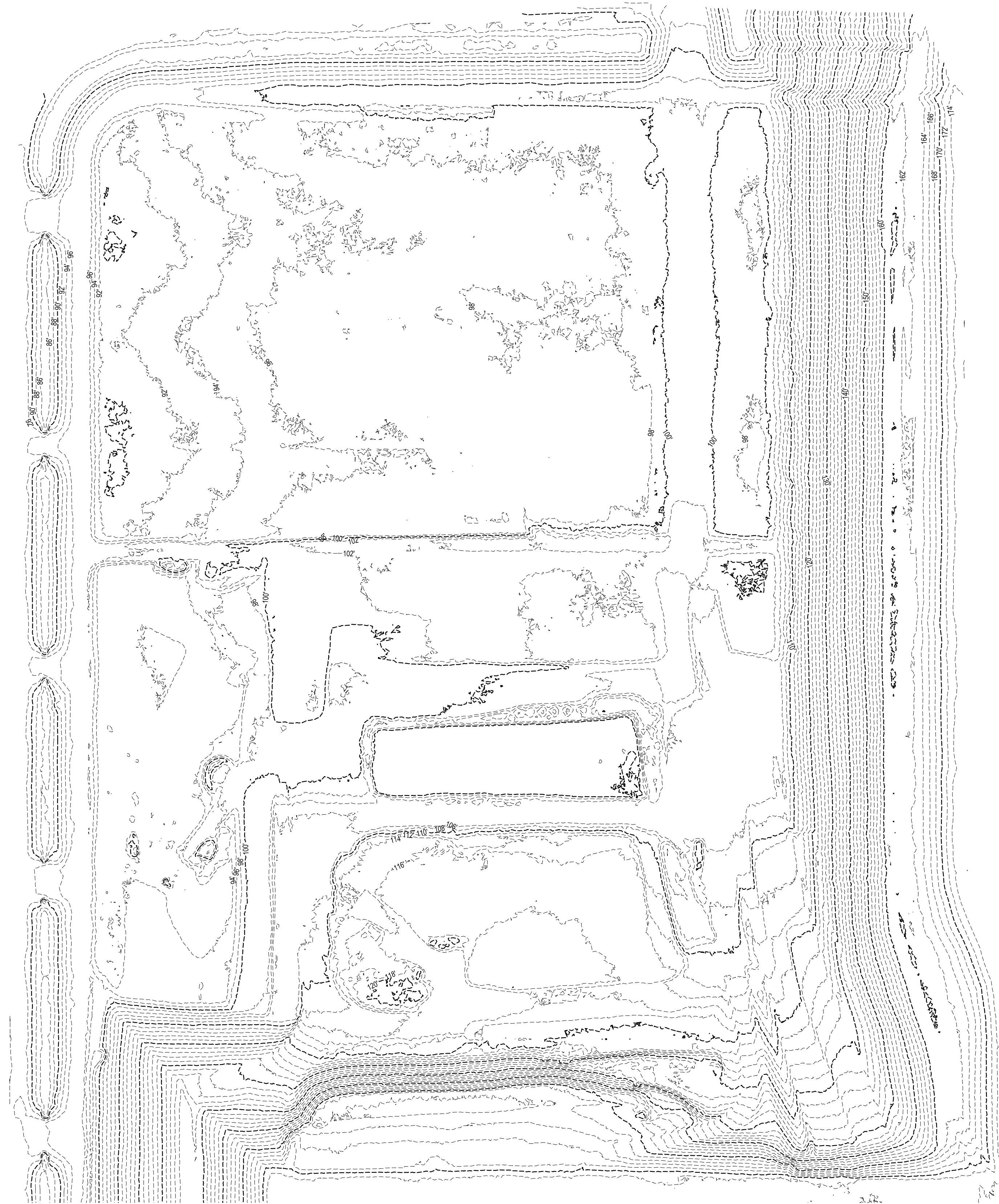
ORLANDO UTILITIES COMMISSION
5971 Perishing Avenue
Orlando, Florida 32822
Phone: 407-364-4077

Sheet No. 1 of 1	Project Title: Map of Topographic / Quantity Survey of Horizontal Expansion of Combustion Waste Storage Area - Cell 1 Curtis H. Stanton Energy Center Orange County, Florida	County: Orange County, Florida	Dwg. Date: 12/18/2024	Revision	Date
		Field Books:	Photo Date: N/A		
		Office No.: 6374.18.1079	Drawn by: TW		
		Dwg. Name: 20241120 - Cell 1 Quantities.dwg	Checked by: RMJ		

Map of Topographic / Quantity Survey
of
Horizontal Expansion of Combustion Waste Storage Area - Cell 2
Located in
Curtis H. Stanton Energy Center
Orange County, Florida

SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
DEC 2023	236,841.22	1,610.74	235,230.48
FEB 2024	243,454.87	1,298.04	242,156.83
April 2024	213,944.33	1,748.35	212,195.98
NOV 2024	272,879.45	1,541.48	271,337.97

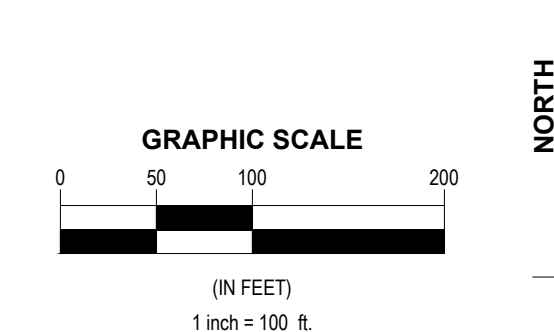
SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
VOLUME REMAINING FROM FEB. 2024 TO FINAL DESIGN			N/A



Surveyor's Notes / Report:

1. This Map of Topographic / Quantity Survey is not valid without the signature and the original raised seal of the signing Florida Licensed Surveyor and Mapper.
2. This Topographic / Quantity Survey was compiled utilizing aerial Photogrammetric Mapping and Light Detecting and Ranging (LIDAR) technology for the purpose of determining and mapping elevations and subsequent contour lines over an area identified by the client.
3. Break-lines were collected from color digital aerial photography captured during the flight mission. These were draped to a bare earth surface model created from the LIDAR data while simultaneously viewing the conventional photography in 3-Dimensions on a softcopy workstation.
4. This map is intended to be displayed at a scale of 1"=100' or smaller. Contour interval is two (2) foot. The expected positional accuracy of well-defined and identified surveyed positions complies with Florida Administrative Code Rule Chapter 5J-17, Standards of Practice.
5. All map features contained herein represents actual visible site conditions existing at the time of aerial photography and LIDAR captured simultaneously February 21, 2024.
6. For purposes of clarity all spot elevations and other related topographic data may not be depicted hereon. The work product is intended to be a digital product deliverable. This data is available in electronic format in WSP file "20241120 - Quantities.dwg" and other related digital files and has been furnished to the client.
7. Additions or deletions to this topographic survey are prohibited without written consent of the signing Florida Licensed Surveyor and mapper. The signing party is not responsible for additions, deletion or manipulation of the data contained in the topographic survey map or associated digital file.
8. Lands shown hereon were not abstracted by the Surveyor for rights-of-way, easements, ownership or other instruments of record. No title opinion or abstract of matters affecting title or boundary to the subject property or those of adjoining land owners has been provided to the Surveyor for review.
9. Underground improvements such as foundations and utilities were not located.
10. This survey does not address the identification or location of jurisdictional wetlands or sovereign lands, if any, that may lie within or adjacent to the lands surveyed.
11. Coordinates shown hereon are relative to the Florida State Plane Coordinate System, Transverse Mercator projection, Florida East Zone (FL E 0901), US Survey Foot, North American Datum of 1983/2011 Adjustment.
12. Elevations shown hereon are relative to the North American Vertical Datum of 1988 (NAVD88) based on the following recovered or reset benchmarks:

JH7	BM#14	PTA13
Northing: 1507046.73	Northing: 1507740.55	Northing: 1504260.39
Easting: 598110.83	Easting: 600838.18	Easting: 597638.46
Elevation: 175.08'	Elevation: 81.04'	Elevation: 92.97'
5/8" Iron Rod & Cap "WOOD TRAV"	CM with 3" Brass Disk "HVM4"	4"x4" CM "PTA13"
13. This Map of Topographic / Quantity Survey is certified to: ORLANDO UTILITIES COMMISSION



Legend

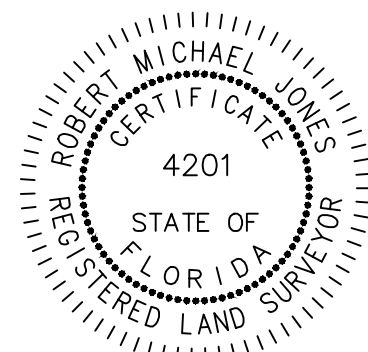
CM = Concrete Monument
CY = Cubic Yards
SF = Square Feet

Prepared by:

WSP USA ENVIRONMENT & INFRASTRUCTURE, INC.

wsp

550 Northlake Boulevard, Suite 1000
Altamonte Springs, FL 32701 USA
Phone: (407) 522-7570
www.wsp.com
Certificate of Authorization Number LB-00079312



ROBERT M. JONES
FLORIDA PROFESSIONAL SURVEYOR AND MAPPER
LICENSE No. LS 4201

Field survey last day in field: 11/20/2024

Map of Topographic / Quantity Survey
of
Horizontal Expansion of Combustion Waste Storage Area - Cell 2
Located in
Curtis H. Stanton Energy Center
Orange County, Florida

SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
DEC 2023	236,841.22	1,610.74	235,230.48
FEB 2024	243,454.87	1,298.04	242,156.83
April 2024	213,944.33	1,748.35	212,195.98
NOV 2024	272,879.45	1,541.48	271,337.97
MARCH 2025	319,267.08	1,863.74	317,403.34

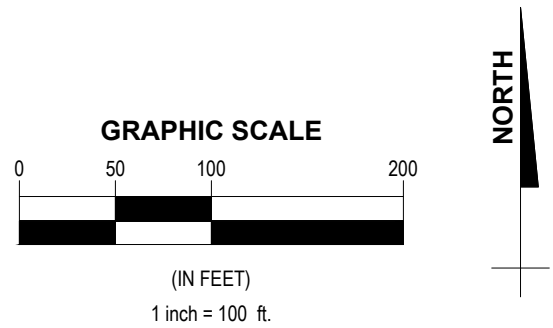
SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
VOLUME REMAINING TO FINAL DESIGN			N/A



Surveyor's Notes / Report:

- This map of Topographic / Quantity Survey is not valid without the signature and the original raised seal of the signing Florida licensed Surveyor and Mapper.
- This Topographic / Quantity Survey was compiled utilizing aerial Photogrammetric Mapping and Light Detecting and Ranging (LIDAR) technology for the purpose of determining and mapping elevations and subsequent contour lines over an area identified by the client.
- Break-lines were collected from color digital aerial photography captured during the flight mission. These were draped to a bare earth surface model created from the LIDAR data while simultaneously viewing the conventional photography in 3-Dimensions on a softcopy workstation.
- This map is intended to be displayed at a scale of 1"=100' or smaller. Contour interval is two (2) foot. The expected positional accuracy of well-defined and identified surveyed positions complies with Florida Administrative Code Rule Chapter 5J-17, Standards of Practice.
- All map features contained herein represents actual visible site conditions existing at the time of aerial photography and LIDAR captured simultaneously March 22, 2025.
- For purposes of clarity all spot elevations and other related topographic data may not be depicted hereon. The work product is intended to be a digital product deliverable. This data is available in electronic format in WSP file "20250322 - Cell 2 Quantities.dwg" and other related digital files and has been furnished to the client.
- Additions or deletions to this topographic survey are prohibited without written consent of the signing Florida licensed surveyor and mapper. The signing party is not responsible for additions, deletion or manipulation of the data contained in the topographic survey map or associated digital file.
- Lands shown hereon were not abstracted by the Surveyor for rights-of-way, easements, ownership or other instruments of record. No title opinion or abstract of matters affecting title or boundary to the subject property or those of adjoining land owners has been provided to the Surveyor for review.
- Underground improvements such as foundations and utilities were not located.
- This survey does not address the identification or location of jurisdictional wetlands or sovereign lands, if any, that may lie within or adjacent to the lands surveyed.
- Coordinates shown hereon are relative to the Florida State Plane Coordinate System, Transverse Mercator projection, Florida East Zone (FL E 0901), US Survey Foot, North American Datum of 1983/2011 Adjustment.
- Elevations shown hereon are relative to the North American Vertical Datum of 1988 (NAVD88) based on the following recovered or reset benchmarks:

JH7	BM#14	PTA13
Northing: 1507046.73	Northing: 1507740.55	Northing: 1504260.39
Easting: 598110.83	Easting: 600838.18	Easting: 597638.46
Elevation: 175.06'	Elevation: 81.04'	Elevation: 92.97'
5/8" Iron Rod & Cap "WOOD TRAV"	CM with 3" Brass Disk "HVM4"	4"x4" CM "PTA13"
- This Map of Topographic / Quantity Survey is certified to: ORLANDO UTILITIES COMMISSION



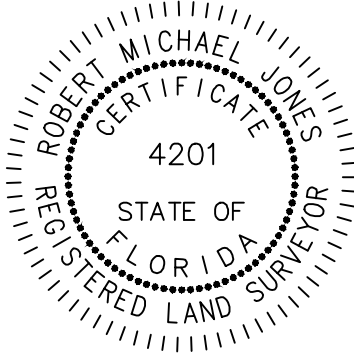
Legend

- CM = Concrete Monument
CY = Cubic Yards
SF = Square Feet

Prepared by:



WSP USA, INC.
550 Northlake Boulevard, Suite 1000
Altamonte Springs, FL 32701 USA
Phone: (407) 522-7570
www.wsp.com
Certificate of Authorization Number LB-007692



ROBERT M. JONES
FLORIDA PROFESSIONAL SURVEYOR AND MAPPER
LICENSE No. LS 4201

Field survey last day in field: 3/22/2025

Prepared for:



ORLANDO UTILITIES COMMISSION
5971 Perishing Avenue
Orlando, Florida 32822
Phone: 407-384-4077

Date	Revision	Date	Revision	Dwg. Date:	Photo Date:	Field Books:	Office No.:	Dwg. Name:
				04/09/2025	3/22/2025		6374-18-1079	20250322 - Cell 2 Quantities.dwg
						TW		
						RMJ		

Project Title: Map of Topographic / Quantity Survey
Horizontal Expansion of Combustion Waste Storage Area - Cell 2
Curtis H. Stanton Energy Center
Orange County, Florida

Sheet No.
1 of 1

Appendix B

2024 Annual CCR Fugitive Dust Control Report

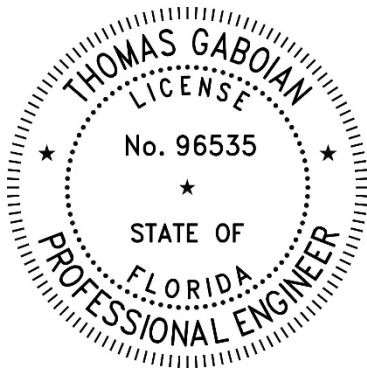
2024 Annual CCR Fugitive Dust Control Report

The Orlando Utilities Commission (OUC) operates the Curtis H. Stanton Energy Center which is subject to the requirements of 40 CFR Part 257, Hazardous And Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities. The requirements for a coal combustion residuals (CCR) fugitive dust control plan are set forth in § 257.80; including under subpart § 257.80 (c), an annual CCR fugitive dust control report.

The fugitive dust control measures for SEC are documented in the signed and sealed SEC Fugitive Dust Control Plan (FDCP). OUC hires an on-site contractor to perform coal combustion residuals (CCR) operations. The contractor has an employee perform visible emission observations each day prior to the start of any CCR operations by driving a small pickup truck along the day's planned delivery route and to the dump zone to determine the potential for any fugitive dust emissions. If dust emissions are present, the roads and dump zone are watered with a watering truck prior to the start of any heavy equipment operations. Speed limits are posted to reduce vehicle speeds.

No complaints were received during 2024.

OUC will continue to implement the existing Fugitive Dust Control Plan wherein OUC monitors the roadway and applies water as necessary to prevent any visible emissions.



Thomas
Gaboian

Digitally signed by
Thomas Gaboian
Date: 2024.09.20
10:51:38 -04'00'

This item has been digitally signed and sealed by Thomas Gaboian on the date adjacent to the seal using a SHA authentication code.

Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

Appendix C

Leachate Pump Totalizer Readings and Calculated Flow Rates

Date	Landfill Cell 1 Totalizer Readings (gallons)								Landfill Cell 2 Totalizer Readings (gallons)							
	1WWC-PNL-601		1WWC-PNL-602		1WWC-PNL-603		1WWC-PNL-604		1WWC-PNL-605		1WWC-PNL-606		1WWC-PNL-607		1WWC-PNL-608	
	1WWC-P-601A	1WWC-P-601B	1WWC-P-602A	1WWC-P-602B	1WWC-P-603A	1WWC-P-603B	1WWC-P-604A	1WWC-P-604B	1WWC-P-605A	1WWC-P-605B	1WWC-P-606A	1WWC-P-606B	1WWC-P-607A	1WWC-P-607B	1WWC-P-608A	1WWC-P-608B
	Pump A	Pump A - LD	Pump B	Pump B - LD	Pump C	Pump C - LD	Pump D	Pump D - LD	Pump E	Pump E - LD	Pump F	Pump F - LD	Pump G	Pump G - LD	Pump H	Pump H - LD
01/01/2024	7,542,387	170,213	4,562,968	1,526,268	7,500,109	703,222	6,676,560	143,819	18,893,138	82,089	22,588,960	159,301	27,757,140	169,321	26,688,533	203,126
01/02/2024	7,555,463	170,213	4,569,333	1,526,268	7,500,109	703,222	6,689,783	143,819	18,908,614	82,089	22,615,282	159,301	27,771,808	169,321	26,703,584	203,126
01/03/2024	7,565,304	170,213	4,576,267	1,537,604	7,500,109	703,222	6,702,872	143,819	18,922,460	82,089	22,638,903	159,301	27,771,840	169,321	26,703,584	203,135
01/04/2024	7,573,609	170,213	4,582,557	1,527,604	7,500,109	703,222	6,715,452	143,819	18,933,826	82,089	22,659,546	159,301	27,796,032	169,321	26,728,505	203,135
01/05/2024	7,577,527	170,213	4,588,118	1,527,604	7,500,109	703,222	6,726,418	143,819	18,943,900	82,089	22,677,092	159,301	27,958,629	169,321	26,904,333	203,135
01/06/2024	7,577,527	170,213	4,588,366	1,527,604	7,500,109	703,222	6,726,875	143,819	18,944,470	82,089	22,677,190	159,301	27,965,044	169,321	26,913,618	203,135
01/07/2024	7,577,527	170,213	4,588,366	1,527,604	7,500,109	703,222	6,726,875	143,819	18,944,572	82,089	22,677,190	159,301	27,965,044	169,321	26,913,618	203,135
01/08/2024	7,579,774	170,213	4,589,896	1,527,646	7,500,109	703,222	6,730,457	143,819	18,957,028	82,089	22,700,088	161,197	27,985,397	169,321	26,933,828	203,668
01/09/2024	7,591,813	170,213	4,599,325	1,528,706	7,500,109	703,222	6,752,882	143,819	18,979,800	82,089	22,741,380	161,197	28,114,225	169,321	27,092,134	203,669
01/10/2024	7,597,888	170,213	4,606,248	1,528,706	7,500,109	703,222	6,767,990	143,819	18,999,647	82,089	22,781,752	161,197	28,246,736	169,321	27,204,598	203,669
01/11/2024	7,601,887	170,213	4,611,946	1,528,706	7,500,109	703,222	6,781,438	143,819	19,016,728	82,089	22,812,532	161,197	28,359,650	169,321	27,310,594	203,669
01/12/2024	7,610,981	170,213	4,618,362	1,530,145	7,500,109	703,222	6,793,708	143,819	19,031,554	82,089	22,841,710	161,197	28,359,830	169,321	27,310,594	203,669
01/13/2024	7,618,328	170,213	4,625,325	1,530,145	7,500,109	703,222	6,806,958	143,819	19,044,868	82,089	22,863,424	162,863	28,366,706	169,321	27,316,416	203,669
01/14/2024	7,621,792	170,213	4,630,366	1,530,145	7,500,109	703,222	6,817,435	143,819	19,056,280	82,089	22,880,160	162,823	28,366,706	169,321	27,316,416	203,669
01/15/2024	7,626,822	170,213	4,636,426	1,530,145	7,500,109	703,222	6,829,289	143,819	19,068,476	82,089	22,896,236	162,863	28,394,001	169,321	27,344,042	203,669
01/16/2024	7,630,098	170,213	4,641,893	1,531,186	7,500,109	703,222	6,841,086	143,819	19,078,372	82,089	22,910,294	162,863	28,516,466	169,321	27,461,064	203,669
01/17/2024	7,630,098	170,213	4,641,893	1,531,186	7,500,109	703,222	6,841,086	143,819	19,078,372	82,089	22,910,294	162,863	28,516,466	169,321	27,461,064	203,669
01/18/2024	7,630,098	170,213	4,641,893	1,531,186	7,500,109	703,222	6,841,086	143,819	19,078,372	82,089	22,910,294	162,863	28,516,466	169,321	27,461,064	203,699
01/19/2024	7,630,098	170,213	4,641,893	1,531,186	7,500,109	703,222	6,841,086	143,819	19,078,372	82,089	22,910,294	162,863	28,516,466	169,321	27,461,064	203,669
01/20/2024	7,630,098	170,213	4,641,893	1,531,186	7,500,109	703,222	6,841,086	143,819	19,078,372	82,089	22,910,294	162,863	28,516,466	169,321	27,461,064	203,669
01/21/2024	7,630,098	170,213	4,641,893	1,531,186	7,500,109	703,222	6,841,086	143,819	19,078,372	82,089	22,910,294	162,863	28,516,466	169,321	27,461,064	203,669
01/22/2024	7,630,997	170,213	4,642,461	1,531,186	7,500,109	703,222	6,841,993	143,819	19,084,658	82,089	22,916,902	164,091	28,523,446	169,321	27,468,288	204,863
01/23/2024	7,781,955	170,213	4,865,321	1,541,720	7,500,264	703,266	7,307,678	143,819	19,564,306	82,089	23,323,964	169,968	29,227,706	176,755	28,090,120	205,643
01/24/2024																
01/25/2024																
01/26/2024																
01/27/2024																
01/28/2024																
01/29/2024																
01/30/2024																
01/31/2024																
02/01/2024	7,694,813	170,213	4,714,605	1,534,996	7,500,264	703,266	6,995,436	143,819	19,171,220	82,089	23,027,302	166,734	28,727,154	176,755	27,701,112	205,305
02/02/2024	7,698,750	170,220	4,720,570	1,355,000	7,500,270	703,270	7,006,840	143,830	19,175,180	82,100	23,034,180	166,740	28,763,350	176,760	27,724,870	205,310
02/03/2024	7,703,707	170,213	4,726,868	1,535,875	7,500,264	703,266	7,019,880	143,819	19,179,118	82,089	23,038,806	166,734	28,776,702	176,755	27,759,080	205,306
02/04/2024	7,709,209	170,213	4,733,770	1,535,986	7,500,264	703,266	7,032,975	143,819	19,183,084	82,089	23,043,486	166,734	28,785,822	176,755	27,769,112	205,306
02/05/2024	7,714,529	170,213	4,740,151	1,535,986	7,500,264	703,266	7,046,505	143,819	19,187,054	82,089	23,048,204	166,734	28,793,898	176,755	27,776,996	205,306
02/06/2024	7,718,287	170,213	4,746,467	1,535,986	7,500,264	703,266	7,059,261	143,819	19,190,476	82,089	23,052,992	166,734	28,800,260	176,755	27,783,916	205,306
02/07/2024	7,718,287	170,213	4,752,571	1,537,080	7,500,264	703,266	7,069,975	143,819	19,193,372	82,089	23,057,836	166,734	28,806,498	176,755	27,789,050	205,306
02/08/2024	7,719,192	170,213	4,757,945	1,537,080	7,500,264	703,266	7,080,360	143,819	19,196,870	82,089	23,060,218	166,734	28,811,914	176,755	27,794,198	205,306
02/09/2024	7,720,029	170,213	4,763,674	1,537,080	7,500,264	703,266	7,091,197	143,819	19,199,778	82,089	23,064,966	166,734	28,816,606	176,755	27,798,366	205,306
02/10/2024	7,723,158	170,213	4,771,085	1,537,080	7,500,264	703,266	7,105,142	143,819	19,203,860	82,089	23,069,702	166,734	28,821,946	176,755	27,803,644	205,306
02/11/2024	7,726,435	170,213	4,776,672	1,538,195	7,500,264	703,266	7,116,411	143,819	19,206,792	82,089	23,072,086	166,734	28,825,914	176,755	27,807,950	205,306
02/12/2024	7,719,192	170,213	4,757,945	1,537,080	7,500,264	703,266	7,080,360	143,819	19,196,870	82,089	23,060,218	166,734	28,811,914	176,755	27,794,198	205,306
02/13/2024	7,719,192	170,213	4,757,945	1,537,080	7,500,264	703,266	7,080,360	143,819	19,196,870	82,089	23,060,218	166,734	28,811,780	176,755	27,794,198	205,306
02/14/2024	7,731,376	170,213	4,793,575	1,538,195	7,500,264	703,266	7,150,517	143,819	19,215,030	82,089	23,081,746	166,734	28,837,950	176,755	27,819,761	205,306
02/15/2024	7,732,973	170,213	4,799,157	1,538,195	7,500,264	703,266	7,161,523	143,819	19,217,442	82,089	23,084,186	166,734	28,841,364	176,755	27,823,042	205,306
02/16/2024	7,734,856	170,213	4,804,589	1,539,267	7,500,264	703,266	7,172,754	143,819	19,220,436	82,089	23,089,062	166,734	28,844,962	176,755	27,826,298	205,306
02/17/2024	7,737,837	170,213	4,810,779	1,539,268	7,500,264	703,266	7,185,629	143,819	19,223,451	82,089	23,091,516	166,734	28,851,578	176,755	27,830,620	205,306
02/18/2024	7,739,843	170,213	4,816,212	1,539,268	7,500,264	703,266	7,196,365	143,819	19,231,662	82,089	23,123,104	166,734	28,861,958	176,755	27,846,060	205,306
02/19/2024	7,747,173	170,213	4,822,550	1,539,268	7,500,264	703,266	7,210,675	143,819	19,331,122	82,089	23,264,082	168,364	28,986,376	176,755	27,893,242	205,643
02/20/2024	7,752,187	170,213	4,826,679	1,539,679	7,500,264	703,266	7,218,761	143,819	19,429,170	82,089	23,323,964	168,364	29,043,574	176,755	27,927,712	205,643

Date	Landfill Cell 1 Totalizer Readings (gallons)								Landfill Cell 2 Totalizer Readings (gallons)							
	1WWC-PNL-601		1WWC-PNL-602		1WWC-PNL-603		1WWC-PNL-604		1WWC-PNL-605		1WWC-PNL-606		1WWC-PNL-607		1WWC-PNL-608	
	1WWC-P-601A	1WWC-P-601B	1WWC-P-602A	1WWC-P-602B	1WWC-P-603A	1WWC-P-603B	1WWC-P-604A	1WWC-P-604B	1WWC-P-605A	1WWC-P-605B	1WWC-P-606A	1WWC-P-606B	1WWC-P-607A	1WWC-P-607B	1WWC-P-608A	1WWC-P-608B
	Pump A	Pump A - LD	Pump B	Pump B - LD	Pump C	Pump C - LD	Pump D	Pump D - LD	Pump E	Pump E - LD	Pump F	Pump F - LD	Pump G	Pump G - LD	Pump H	Pump H - LD
02/21/2024	7,758,849	170,213	4,832,037	1,540,426	7,500,264	703,266	7,230,328	143,819	19,459,020	82,089	23,323,964	168,364	29,094,024	176,755	27,965,626	205,643
02/22/2024	7,764,774	170,213	4,838,458	1,540,426	7,500,264	703,266	7,244,481	143,819	19,484,524	82,089	23,323,964	168,364	29,132,040	176,755	28,000,924	205,643
02/23/2024	7,767,152	170,213	4,840,587	1,540,426	7,500,264	703,266	7,249,488	143,819	19,492,235	82,089	23,323,964	168,363	29,142,356	176,755	28,011,084	205,643
02/24/2024	7,774,640	170,213	4,849,061	1,540,426	7,500,264	703,266	7,270,358	143,819	19,520,646	82,089	23,323,964	168,363	29,176,372	176,755	28,044,254	205,643
02/25/2024	7,776,918	170,213	4,864,461	1,541,720	7,500,264	703,266	7,282,904	143,819	19,536,990	82,089	23,323,964	168,363	29,194,978	176,755	28,060,809	205,643
02/26/2024	7,778,758	170,213	4,859,714	1,541,720	7,500,264	703,266	7,295,396	143,819	19,551,438	82,089	23,323,964	169,968	29,212,066	176,755	28,076,312	205,643
02/27/2024	7,781,955	170,213	4,865,321	1,541,720	7,500,264	703,266	7,307,678	143,819	19,564,306	82,089	23,323,964	169,968	28,227,706	176,755	28,090,120	205,643
02/28/2024	7,784,201	170,213	4,871,106	1,541,720	7,500,264	703,266	7,320,310	143,819	19,575,274	82,089	23,323,964	169,968	29,242,166	176,755	28,102,686	205,643
02/29/2024	7,785,691	170,213	4,876,037	1,541,720	7,500,264	703,266	7,331,606	143,819	19,585,846	82,089	23,380,096	169,968	29,256,242	176,755	28,114,344	206,805
03/01/2024	7,787,451	170,213	4,881,509	1,542,777	7,500,264	703,266	7,343,729	143,819	19,594,744	82,089	23,403,136	169,968	29,268,388	176,755	28,124,740	206,812
03/02/2024	7,789,576	170,213	4,887,080	1,542,777	7,500,264	703,266	7,355,476	143,819	19,602,330	82,089	23,418,622	169,968	29,279,510	176,755	28,133,870	206,812
03/03/2024	7,792,350	170,213	4,892,758	1,542,777	7,500,264	703,266	7,368,199	143,819	19,608,794	82,089	23,431,716	169,968	29,289,854	176,755	28,143,398	206,816
03/04/2024	7,794,578	170,213	4,898,177	1,542,777	7,500,264	703,266	7,380,346	143,819	19,614,688	82,089	23,442,468	169,968	29,299,426	176,755	28,151,704	206,817
03/05/2024	7,797,138	170,213	4,903,585	1,543,909	7,500,264	703,266	7,392,242	143,819	19,619,982	82,089	23,450,974	169,968	29,307,138	176,755	28,160,372	206,819
03/06/2024	7,800,987	170,213	4,909,437	1,543,909	7,500,264	703,266	7,405,037	143,819	19,624,732	82,089	23,459,458	169,968	29,314,944	176,755	28,167,628	206,819
03/07/2024	7,803,203	170,213	4,915,574	1,543,909	7,500,264	703,266	7,418,595	143,819	19,629,550	82,089	23,467,774	171,623	29,326,300	176,755	28,179,932	206,819
03/08/2024	7,804,130	170,213	4,920,622	1,543,909	7,500,264	703,266	7,429,174	143,819	19,633,198	82,089	23,474,030	171,263	29,330,636	176,755	28,183,912	206,819
03/09/2024	7,806,538	170,213	4,926,366	1,545,324	7,500,264	703,266	7,441,061	143,819	19,637,518	82,089	23,480,372	171,623	29,337,736	176,755	28,190,198	206,819
03/10/2024	7,809,586	170,213	4,931,761	1,545,324	7,500,264	703,266	7,452,149	143,819	19,640,634	82,089	23,487,490	171,623	29,343,958	176,755	28,195,298	206,819
03/11/2024	7,809,972	170,213	4,937,008	1,545,324	7,500,264	703,266	7,463,296	143,819	19,644,420	82,089	23,492,252	171,623	29,350,186	176,755	28,200,714	206,819
03/12/2024	7,810,492	170,213	4,942,197	1,545,324	7,500,264	703,266	7,473,662	143,819	19,647,594	82,089	23,497,026	171,623	29,355,378	176,755	28,206,322	206,819
03/13/2024	7,811,726	170,213	4,947,627	1,546,438	7,500,264	703,266	7,484,763	143,819	19,650,762	82,089	23,501,802	171,623	29,360,434	176,755	28,210,170	206,819
03/14/2024	7,812,614	170,213	4,953,041	1,546,625	7,500,264	703,266	7,495,940	143,819	19,653,944	82,089	23,506,622	171,623	29,364,714	176,755	28,215,988	206,819
03/15/2024	7,813,686	170,213	4,958,119	1,546,625	7,500,264	703,266	7,506,673	143,819	19,656,504	82,089	23,509,048	171,623	29,369,772	176,755	28,219,902	206,819
03/16/2024	7,816,966	170,213	4,963,824	1,546,625	7,500,264	703,266	7,518,249	143,819	19,659,756	82,089	23,513,916	171,623	29,374,022	176,755	28,223,798	206,819
03/17/2024	7,818,161	170,213	4,969,162	1,546,625	7,500,264	703,266	7,529,653	143,819	19,662,382	82,089	23,516,332	171,623	29,378,274	176,755	28,227,768	206,819
03/18/2024	7,820,826	170,213	4,974,512	1,547,971	7,500,264	703,266	7,540,908	143,819	19,665,030	82,089	23,521,196	171,623	29,382,580	176,755	28,231,722	206,819
03/19/2024	7,822,087	170,213	4,979,704	1,547,971	7,500,264	703,266	7,551,591	143,819	19,667,704	82,089	23,523,636	171,623	29,386,860	176,755	28,235,732	206,319
03/20/2024	7,822,087	170,213	4,979,704	1,547,971	7,500,264	703,266	7,551,591	143,819	19,667,704	82,089	23,523,636	171,623	29,386,860	176,755	28,235,732	206,819
03/21/2024	7,823,144	170,213	4,990,280	1,547,971	7,500,264	703,266	7,572,734	143,819	19,673,130	82,089	23,531,030	171,623	29,394,328	176,755	28,241,512	207,007
03/22/2024	7,824,411	170,213	4,995,799	1,549,442	7,500,264	703,266	7,583,211	143,819	19,675,894	82,089	23,539,196	171,623	29,405,498	176,755	28,254,488	207,186

Date	Landfill Cell 1 Totalizer Readings (gallons)								Landfill Cell 2 Totalizer Readings (gallons)							
	1WWC-PNL-601		1WWC-PNL-602		1WWC-PNL-603		1WWC-PNL-604		1WWC-PNL-605		1WWC-PNL-606		1WWC-PNL-607		1WWC-PNL-608	
	1WWC-P-601A	1WWC-P-601B	1WWC-P-602A	1WWC-P-602B	1WWC-P-603A	1WWC-P-603B	1WWC-P-604A	1WWC-P-604B	1WWC-P-605A	1WWC-P-605B	1WWC-P-606A	1WWC-P-606B	1WWC-P-607A	1WWC-P-607B	1WWC-P-608A	1WWC-P-608B
	Pump A	Pump A - LD	Pump B	Pump B - LD	Pump C	Pump C - LD	Pump D	Pump D - LD	Pump E	Pump E - LD	Pump F	Pump F - LD	Pump G	Pump G - LD	Pump H	Pump H - LD
04/12/2024	7,844,194	170,213	5,105,414	1,552,357	7,500,264	703,266	7,787,456	143,819	19,757,074	82,089	23,706,914	173,318	29,499,876	176,755	28,325,548	207,240
04/13/2024	7,844,194	170,213	5,110,238	1,552,357	7,500,264	703,266	7,796,036	143,819	19,761,816	82,089	23,716,354	173,318	29,504,712	176,755	28,329,118	207,240
04/14/2024	7,844,194	170,213	5,115,180	1,552,357	7,500,264	703,266	7,804,544	143,819	19,765,822	82,089	23,723,774	173,318	29,509,516	176,755	28,332,692	207,241
04/15/2024	7,845,430	170,213	5,120,195	1,552,357	7,500,264	703,266	7,813,737	143,819	19,769,316	82,089	23,728,510	173,318	29,513,140	176,755	28,336,306	207,241
04/16/2024	7,845,430	170,213	5,123,001	1,552,357	7,500,264	703,266	7,823,160	143,819	19,773,130	82,089	23,733,548	173,318	29,518,100	176,755	28,339,944	207,241
04/17/2024	7,846,015	170,213	5,130,204	1,552,357	7,500,264	703,266	7,832,309	143,819	19,776,032	82,089	23,736,952	173,318	29,521,900	176,755	28,341,790	207,241
04/18/2024	7,847,238	170,213	5,135,022	1,552,357	7,500,264	703,266	7,841,654	143,819	19,779,072	82,089	23,742,162	173,318	29,525,690	176,755	28,345,480	207,241
04/19/2024	7,847,816	170,213	5,139,954	1,552,357	7,500,264	703,266	7,851,113	143,819	19,782,090	82,089	23,745,674	173,318	29,530,712	176,755	28,349,206	207,242
04/20/2024	7,848,397	170,213	5,145,221	1,552,357	7,500,264	703,266	7,860,686	143,819	19,784,242	82,089	23,749,220	173,318	29,534,510	176,755	28,352,990	207,242
04/21/2024	7,850,246	170,213	5,150,238	1,552,357	7,500,264	703,266	7,870,203	143,819	19,787,474	82,089	23,752,772	173,318	29,538,394	176,755	28,354,898	207,242
04/22/2024	7,850,859	170,213	5,155,239	1,552,357	7,500,264	703,266	7,879,750	143,819	19,789,634	82,089	23,756,372	173,318	29,542,244	176,755	28,358,716	207,242
04/23/2024	7,850,859	170,213	5,159,710	1,552,357	7,500,264	703,266	7,888,232	143,819	19,791,834	82,089	23,758,206	173,318	29,544,810	176,755	28,360,630	207,242
04/24/2024	7,850,859	170,213	5,164,753	1,552,357	7,500,264	703,266	7,897,334	143,819	19,794,050	82,089	23,761,934	173,318	29,548,620	176,755	28,364,406	207,242
04/25/2024	7,850,859	170,213	5,169,869	1,552,357	7,500,264	703,266	7,906,185	143,819	19,796,250	82,089	23,763,772	173,318	29,551,122	176,755	28,366,310	207,242
04/26/2024	7,851,317	170,213	5,174,579	1,552,357	7,500,264	703,266	7,915,258	143,819	19,798,454	82,089	23,767,464	173,318	29,553,714	176,755	28,368,226	207,242
04/27/2024	7,851,317	170,213	5,179,141	1,552,357	7,500,264	703,266	7,923,781	143,819	19,800,700	82,089	23,769,338	173,318	29,557,526	176,755	28,372,054	207,242
04/28/2024	7,851,317	170,213	1,583,680	1,552,357	7,500,264	703,266	7,932,790	143,819	19,802,982	82,089	23,773,106	173,318	29,560,058	176,755	28,373,958	207,242
04/29/2024	7,851,317	170,213	5,188,062	1,552,357	7,500,264	703,266	7,942,097	143,819	19,805,260	82,089	23,775,004	173,318	29,562,560	176,755	28,375,868	207,242
04/30/2024	7,852,240	170,213	5,192,917	1,552,357	7,500,264	703,266	7,951,235	143,819	19,807,518	82,089	23,776,910	173,318	29,565,086	176,755	28,377,768	207,242
05/01/2024	7,853,811	170,213	5,198,916	1,552,357	7,500,264	703,266	7,962,193	143,819	19,810,924	82,089	23,780,798	173,318	29,568,140	176,755	28,381,598	207,242
05/02/2024	7,853,955	170,213	5,202,820	1,552,357	7,500,264	703,266	7,969,685	143,819	19,812,076	82,089	23,782,742	173,318	29,570,240	176,755	28,383,546	207,242
05/03/2024	7,854,135	170,213	5,206,450	1,552,357	7,500,264	703,266	7,976,673	143,819	19,814,368	82,089	23,784,686	173,318	29,572,870	176,755	28,385,502	207,242
05/04/2024	7,854,135	170,213	5,210,615	1,552,357	7,500,264	703,266	7,984,531	143,819	19,816,682	82,089	23,786,662	173,318	29,575,476	176,755	28,387,452	207,242
05/05/2024	7,854,135	170,213	5,215,117	1,552,357	7,500,264	703,266	7,992,312	143,819	19,817,884	82,089	23,788,646	173,318	29,578,088	176,755	28,389,416	207,242
05/06/2024	7,854,135	170,213	5,219,339	1,552,357	7,500,264	703,266	8,000,387	143,819	19,820,302	82,089	23,790,650	173,318	29,580,708	176,755	28,391,380	207,242
05/07/2024	7,854,485	170,213	5,223,968	1,552,357	7,500,264	703,266	8,008,387	143,819	19,822,730	82,089	23,794,628	173,318	29,583,326	176,755	28,393,342	207,242
05/08/2024	7,854,800	170,213	5,228,602	1,552,357	7,500,264	703,266	8,016,821	143,819	19,823,942	82,089	23,796,630	173,318	29,585,952	176,755	28,395,318	207,242
05/09/2024	7,855,267	170,213	5,233,110	1,552,357	7,500,264	703,266	8,025,088	143,819	19,826,396	82,089	23,798,654	173,318	29,587,288	176,755	28,397,312	207,242
05/10/2024	7,855,827	170,213	5,237,823	1,552,357	7,500,264	703,266	8,033,338	143,819	19,828,810	82,089	23,800,700	173,318	29,589,984	176,755	28,399,322	207,242
05/11/2024	7,860,673	170,213	5,242,627	1,552,357	7,500,264	703,266	8,042,113	143,819	19,839,026	82,089	23,806,046	173,318	29,592,802	176,755	28,401,512	207,242
05/12/2024	7,866,455	170,213	5,247,466	1,552,357	7,500,264	703,266	8,050,937	143,819	19,839,026	82,089	23,806,046	175,028	29,592,802	176,755	28,401,512	207,242

Date	Landfill Cell 1 Totalizer Readings (gallons)								Landfill Cell 2 Totalizer Readings (gallons)							
	1WWC-PNL-601		1WWC-PNL-602		1WWC-PNL-603		1WWC-PNL-604		1WWC-PNL-605		1WWC-PNL-606		1WWC-PNL-607		1WWC-PNL-608	
	1WWC-P-601A	1WWC-P-601B	1WWC-P-602A	1WWC-P-602B	1WWC-P-603A	1WWC-P-603B	1WWC-P-604A	1WWC-P-604B	1WWC-P-605A	1WWC-P-605B	1WWC-P-606A	1WWC-P-606B	1WWC-P-607A	1WWC-P-607B	1WWC-P-608A	1WWC-P-608B
	Pump A	Pump A - LD	Pump B	Pump B - LD	Pump C	Pump C - LD	Pump D	Pump D - LD	Pump E	Pump E - LD	Pump F	Pump F - LD	Pump G	Pump G - LD	Pump H	Pump H - LD
06/02/2024	8,145,950	170,213	5,374,018	1,552,357	7,500,264	703,266	8,245,615	148,339	20,297,412	82,089	24,081,758	178,902	29,947,890	176,755	28,684,470	207,266
06/03/2024	8,146,429	170,213	5,378,735	1,552,357	7,500,264	703,266	8,254,150	148,339	20,301,970	82,089	24,087,502	178,901	29,953,282	176,755	28,689,134	207,266
06/04/2024	8,147,630	170,213	5,384,225	1,552,357	7,500,264	703,266	8,263,044	150,782	20,306,452	82,089	24,091,372	178,901	29,957,274	176,755	28,693,774	207,266
06/05/2024	8,148,469	170,213	5,389,221	1,552,357	7,500,264	703,266	8,272,243	150,782	20,309,528	82,089	24,095,234	180,610	29,961,134	176,755	28,695,980	207,266
06/06/2024	8,149,710	170,213	5,394,694	1,552,357	7,500,264	703,266	8,281,168	150,782	20,314,302	82,089	24,101,178	180,610	29,964,956	176,755	28,700,366	207,266
06/07/2024	8,155,116	170,213	5,399,989	1,552,357	750,264	703,266	8,288,957	150,782	20,339,130	82,089	24,129,990	180,610	29,971,412	176,755	28,704,856	207,266
06/08/2024	8,157,441	170,213	5,404,731	1,552,357	7,500,264	703,266	8,297,267	150,782	20,367,602	82,089	24,180,920	180,610	29,977,558	176,755	28,706,984	207,266
06/09/2024	8,159,945	170,213	5,409,541	1,552,357	7,500,264	703,266	8,305,608	150,782	20,378,912	82,089	24,196,602	180,610	29,983,474	176,755	28,711,326	207,266
06/10/2024	8,162,333	170,213	5,414,479	1,552,357	7,500,264	703,266	8,313,793	153,070	20,385,982	82,089	24,206,494	180,610	2,988,626	175,755	28,713,458	207,266
06/11/2024	8,176,927	170,213	5,419,866	1,552,357	7,500,264	703,266	8,321,389	153,070	20,425,540	82,089	24,230,828	180,610	29,998,970	176,755	28,720,000	207,266
06/12/2024	8,190,942	170,213	5,425,567	1,552,357	7,500,264	703,266	8,328,836	153,070	20,476,672	82,089	24,304,446	180,610	30,018,392	176,755	28,731,124	207,266
06/13/2024	8,204,285	170,213	5,431,909	1,552,357	7,500,264	703,266	8,336,338	153,070	20,582,244	82,089	24,397,928	180,610	30,107,392	176,755	28,805,604	207,266
06/14/2024	8,215,122	170,213	5,438,840	1,552,357	7,500,264	703,266	8,344,076	153,070	20,680,096	82,089	24,504,726	182,319	30,175,106	176,755	28,872,664	207,736
06/15/2024	8,220,888	170,213	5,444,597	1,552,357	7,500,264	730,266	8,352,539	153,070	20,756,198	82,089	24,591,930	182,319	30,222,154	176,755	28,921,242	207,915
06/16/2024	8,224,817	170,213	5,450,039	1,552,357	7,500,264	703,266	8,361,859	153,070	20,813,782	82,089	24,652,861	182,319	30,255,838	176,755	28,959,802	208,176
06/17/2024	8,227,909	170,213	5,455,935	1,552,357	7,500,264	703,266	8,371,719	154,601	20,855,814	82,089	24,691,718	182,319	30,280,633	176,755	28,992,228	208,307
06/18/2024	8,230,789	170,213	5,461,831	1,552,357	7,500,264	703,266	8,382,014	154,601	20,885,034	82,089	24,717,896	184,026	30,301,372	176,755	29,017,176	208,364
06/19/2024	8,232,200	170,213	5,467,051	1,552,357	7,500,264	703,266	8,391,994	154,601	20,906,134	82,089	24,737,344	184,026	30,319,668	176,755	29,039,676	208,395
06/20/2024	8,234,631	170,213	5,472,593	1,552,357	7,500,264	703,266	8,401,493	154,601	20,933,921	82,089	24,782,272	184,026	30,341,824	176,755	29,064,598	208,426
06/21/2024	8,238,067	170,213	5,478,009	1,552,357	7,500,264	703,266	8,410,899	154,601	20,957,212	82,089	24,814,834	184,026	30,360,502	176,755	29,086,460	208,448
06/22/2024	8,239,587	170,213	5,480,508	1,552,357	7,500,264	703,266	8,415,478	154,601	20,965,980	82,089	24,825,620	184,026	30,368,614	176,755	29,096,044	208,453
06/23/2024	8,243,545	170,213	5,489,066	1,552,357	7,500,264	703,266	8,428,844	156,279	20,985,388	82,089	24,850,260	184,026	30,390,718	176,755	29,122,398	208,459
06/24/2024	8,245,810	170,213	5,494,639	1,552,357	7,500,264	703,266	8,437,766	156,279	20,995,026	82,089	24,862,934	185,706	30,402,570	176,755	29,135,580	208,464
06/25/2024	8,247,414	170,213	5,500,030	1,552,357	7,500,264	703,266	8,446,922	156,279	21,004,546	82,089	24,874,778	185,706	30,413,448	176,755	29,148,900	208,465
06/26/2024	8,309,273	170,213	5,509,612	1,552,357	7,500,264	703,266	8,456,428	156,279	21,034,368	82,089	24,892,818	185,706	30,440,788	176,755	29,173,946	208,474
06/27/2024	8,369,942	170,213	5,518,634	1,552,357	7,500,264	703,275	8,490,864	156,283	21,071,446	82,089	24,927,076	185,712	30,477,880	176,755	29,192,860	208,479
06/28/2024	8,407,119	170,213	5,523,715	1,552,357	7,500,284	703,275	8,514,055	156,283	21,071,446	82,089	24,927,076	185,712	30,477,880	176,755	29,192,860	208,479
06/29/2024	8,417,079	170,213	5,529,306	1,552,357	7,500,284	703,275	8,535,234	156,283	21,071,446	82,089	24,927,076	187,364	30,604,796	176,755	29,239,430	208,520
06/30/2024	8,426,046	170,213	5,534,591	1,552,357	7,500,284	7,500,284	8,553,915	158,711	21,071,446	82,089	24,927,076	187,364	30,687,865	176,755	29,274,670	208,633
07/01/2024	8,437,459	170,213	5,539,979	1,552,357	7,500,284	703,275	8,572,134	158,711	21,071,446	82,089	24,927,076	187,364	30,815,743	176,755	29,335,398	208,714
07/02/2024	8,449,707	170,213	5,545,258	1,552,357	7,500,284	703,275	8,572,229	158,711	21,155,990	82,089	25,035,576	187,364	30,946,365	176,755	29,375,490	208,925
07/03/2024	8,456,977	170,213	5,550,985	1,552,357	7,500,284	703,275	8,572,229	158,711	21,201,738	82,089	25,101,962	187,364	31,057,618	176,755	29,404,246	209,221
07/04/2024	8,465,215	170,213	5,556,850	1,552,357	7,500,284	703,275	8,572,229	158,711	21,237,524	82,089	25,149,786	189,084	31,129,285	176,755	29,429,798	209,408
07/05/2024	8,472,647	170,213	5,563,623	1,552,357	7,500,284	703,275	8,572,229	158,711	21,266,716	82,089	25,177,234	189,084	31,171,253	176,755	29,448,374	209,485
07/06/2024	8,478,261	170,213	5,570,873	1,552,357	7,500,284	703,275	8,572,229	158,955	21,289,778	82,089	25,195,826	189,084	31,216,314	176,755	29,466,900	209,511
07/07/2024	8,483,502	170,213	5,578,411	1,552,357	7,500,284	703,275	8,572,229	160,117	21,306,312	82,089	25,211,502	189,084	31,238,339	176,755	29,483,110	209,529
07/08/2024	8,489,081	170,213	5,586,918	1,552,357	7,500,284	703,275	8,572,229	160,117	21,319,162	82,089	25,223,506	189,084	31,255,455	176,755	29,494,852	209,537
07/09/2024	8,493,782	170,213	5,594,870	1,552,357	7,500,284	703,275	8,572,229	160,117	21,333,124	82,089	25,240,454	189,084	31,269,035	176,755	29,506,646	209,537
07/10/2024	8,517,838	170,213	5,606,596	1,552,357	7,500,284	703,275	8,572,229	160,117	21,430,653	82,089	25,293,820	190,815	31,349,047	184,384	29,581,450	209,537
07/11/2024	C Crew															
07/12/2024	8,563,412	170,213	5,626,518	1,556,966	7,500,284	703,275	8,588,052	160,117	21,544,169	84,808	25,492,712	190,815	31,451,422	184,547	29,665,792	209,537
07/13/2024	8,578,354	170,241	5,634,182	1,558,060	7,500,284	730,275	8,600,193	160,117	21,589,031	84,808	25,576,060	192,225	31,478,828	184,587	29,693,948	209,537
07/14/2024	8,588,876	170,241	5,641,327	1,559,219	7,500,284	703,275	8,611,662	160,117	21,629,062	84,808	25,641,347	192,503	31,500,810	184,611	29,717,468	209,537
07/15/2024	8,595,243	170,241	5,648.377	1,559,765	7,500,284	703,275	8,622,473	160,117	21,662,508	84,808	25,687,670	192,503	31,518,610	192,503	31,518,610	209,537
07/16/2024	8,600,898	170,241	5,652,110	1,559,765	7,500,284	703,275	8,627,687	160,117	21,692,726	84,808	25,707,900	192,503	31,567,273	192,503	31,567,508	209,537
07/17/2024	D Crew															
07/18/2024	D Crew															
07/19/2024	8,704,187	170,269	5,683,766	1,561,013	7,500,659	704,762	8,667,809	160,117	22,046,722	84,808	26,070,789	194,247	31,908,780	184,782	30,071,124	209,537
07/20/2024	8,717,601	170,269	5,691,075	1,561,622	7,500,659	704,762	8,679,199	160,117	22,111,892	84,808	26,159,962	195,948	31,942,742	184,823	30,108,716	209,537
07/21/2024	8,728,953	170,269	5,698,330	1,561,622	7,500,659	704,762	8,690,265	160,117	22,163,863	84,808	26,234,498	195,948	31,968,868	184,851	30,139,072	209,537
07/22/2024	8,736,614	170,269	5,704,845	1,562,630	7,500,659	704,762	8,701,374	160,117	22,205,312	84,808	26,294,296	195,948	31,988,210	184,869	30,164,290	209,537

Date	Landfill Cell 1 Totalizer Readings (gallons)								Landfill Cell 2 Totalizer Readings (gallons)							
	1WWC-PNL-601		1WWC-PNL-602		1WWC-PNL-603		1WWC-PNL-604		1WWC-PNL-605		1WWC-PNL-606		1WWC-PNL-607		1WWC-PNL-608	
	1WWC-P-601A	1WWC-P-601B	1WWC-P-602A	1WWC-P-602B	1WWC-P-603A	1WWC-P-603B	1WWC-P-604A	1WWC-P-604B	1WWC-P-605A	1WWC-P-605B	1WWC-P-606A	1WWC-P-606B	1WWC-P-607A	1WWC-P-607B	1WWC-P-608A	1WWC-P-608B
	Pump A	Pump A - LD	Pump B	Pump B - LD	Pump C	Pump C - LD	Pump D	Pump D - LD	Pump E	Pump E - LD	Pump F	Pump F - LD	Pump G	Pump G - LD	Pump H	Pump H - LD
07/23/2024	8,741,424	170,269	5,711,048	1,562,630	7,500,659	704,762	8,711,938	160,117	22,242,164	84,808	26,341,704	195,948	32,006,182	184,879	30,185,036	209,537
07/24/2024	8,745,926	170,269	5,717,506	1,563,158	7,500,659	704,762	8,722,052	160,117	22,274,276	84,808	26,374,260	197,627	32,019,054	184,886	30,203,238	209,537
07/25/2024	8,750,297	170,269	5,723,484	1,563,272	7,500,659	704,762	8,731,465	160,117	22,297,354	84,808	26,395,331	197,627	320,331,778	184,895	30,220,406	209,537
07/26/2024	8,754,492	170,269	5,729,759	1,563,868	7,500,659	704,762	8,741,011	160,117	22,315,034	84,808	26,410,926	197,627	32,046,024	184,903	30,235,652	209,537
07/27/2024	8,757,387	170,269	5,735,731	1,563,868	7,500,659	704,762	8,749,755	160,117	22,327,475	84,808	26,422,828	197,627	32,046,847	184,908	32,054,860	209,537
07/28/2024	8,760,311	170,269	5,741,240	1,564,353	7,500,659	704,762	8,758,959	160,117	22,340,788	84,808	26,437,972	197,627	32,064,446	184,914	32,064,446	209,537
07/29/2024	8,760,311	170,269	5,741,254	1,564,353	7,500,659	704,762	8,759,455	160,117	22,341,452	84,808	26,438,872	197,627	32,066,262	184,914	30,270,458	209,537
07/30/2024	8,764,807	170,269	5,751,058	1,564,946	7,500,659	704,762	8,774,449	160,117	22,387,978	84,808	26,492,559	197,627	32,086,396	184,925	30,285,170	209,537
07/31/2024	8,766,619	170,269	5,756,715	1,565,494	7,500,659	704,762	8,783,270	160,117	22,418,902	84,808	26,530,515	197,627	32,099,226	184,933	30,299,846	209,537
08/01/2024	8,768,898	170,269	5,761,671	1,565,494	7,500,659	704,762	8,791,289	160,117	22,436,358	84,808	26,548,264	199,359	32,110,106	184,939	30,312,130	209,537
08/02/2024	8,770,583	170,269	5,766,742	1,565,873	7,500,659	704,762	8,799,016	160,117	22,447,890	84,808	26,561,118	199,359	32,119,098	184,943	30,321,868	209,537
08/03/2024	8,775,384	170,269	5,772,153	1,565,873	7,500,659	704,762	8,807,180	160,117	22,463,362	84,808	26,574,156	199,359	32,130,026	184,948	30,334,014	209,537
08/04/2024	8,779,020	170,269	5,777,344	1,566,333	7,500,659	704,762	8,815,436	160,117	22,482,006	84,808	26,602,664	199,359	32,142,746	184,955	30,343,598	209,537
08/05/2024	8,802,679	170,269	5,789,364	1,566,333	7,500,659	704,762	8,824,531	160,117	22,516,538	84,808	26,642,436	199,359	32,202,095	184,988	30,398,956	209,537
08/06/2024	8,841,701	170,269	5,808,102	1,566,789	7,500,659	705,483	8,838,004	160,117	22,581,852	84,808	26,727,198	199,359	32,343,571	185,027	30,513,782	209,537
08/07/2024	8,882,994	170,269	5,825,586	1,566,789	7,500,659	705,483	8,854,036	160,117	22,665,525	84,808	26,952,836	201,073	32,475,250	185,080	30,624,722	209,537
08/08/2024	8,918,617	170,269	5,836,679	1,567,285	7,500,659	705,483	8,868,764	160,117	22,731,476	84,808	26,957,890	201,073	32,532,982	185,135	30,684,394	211,068
08/09/2024	8,952,244	170,269	5,846,250	1,567,285	7,500,659	705,483	8,883,892	160,117	22,797,351	84,808	27,061,674	201,073	32,576,230	185,176	30,735,708	211,067
08/10/2024																
08/11/2024	8,984,362	170,269	5,860,801	1,567,769	7,500,659	705,483	8,909,213	160,117	22,899,841	84,808	27,217,626	202,771	30,811,086	185,224	30,811,069	211,067
08/12/2024	8,991,155	170,269	5,867,149	1,568,322	7,500,659	705,483	8,920,508	160,117	22,942,526	84,808	27,271,532	202,771	32,656,582	185,243	30,843,944	212,588
08/13/2024	8,998,754	170,269	5,873,430	1,568,322	7,500,659	705,483	8,931,544	160,117	22,980,882	84,808	27,313,170	204,445	32,676,122	185,258	30,871,896	212,588
08/14/2024	9,006,147	170,269	5,879,233	1,568,760	7,500,659	705,483	8,942,220	160,117	23,010,194	84,808	27,341,318	204,445	32,693,978	185,272	30,896,148	212,588
08/15/2024	9,014,777	170,269	5,890,333	1,569,188	7,500,659	705,483	8,962,666	160,117	23,049,348	84,808	27,381,308	204,445	32,721,838	185,290	30,935,642	212,588
08/16/2024	9,014,777	170,269	5,890,333	1,569,188	7,500,659	705,483	8,962,740	160,117	23,049,348	84,808	27,381,308	204,445	32,721,838	185,290	30,935,642	212,588
08/17/2024	9,018,579	170,269	5,895,337	1,569,188	7,500,659	705,483	8,971,945	160,117	23,062,594	84,808	27,395,572	204,445	32,733,368	185,298	30,951,054	212,588
08/18/2024	9,021,456	170,269	5,900,436	1,569,621	7,500,659	705,483	8,981,133	160,117	23,073,522	84,808	27,408,002	204,445	32,743,286	185,304	30,964,392	212,588
08/19/2024	9,026,266	170,269	5,905,546	1,569,621	7,500,659	705,483	8,990,180	160,117	23,082,364	84,808	27,418,862	204,445	32,753,274	185,310	30,977,908	212,588
08/20/2024					7,500,659	705,483	9,003,167	160,117	23,094,861	84,808	27,433,344	206,174	32,764,895	185,317	30,993,804	212,588
08/21/2024					7,500,659	705,483	9,003,252	160,117	23,105,869	84,808	27,443,432	206,174	32,771,524	185,321	31,003,052	212,588
08/22/2024	9,032,576	170,269	5,919,952	1,570,672	7,500,659	705,483	9,015,036	160,117	23,113,794	84,808	27,449,076	206,174	32,774,842	185,323	31,007,940	212,588
08/23/2024	9,069,121	170,269	5,931,253	1,570,672	7,500,659	705,483	9,023,749	160,117	23,214,940	84,808	27,518,116	206,174	32,826,678	185,358	31,049,794	212,588

Date	Landfill Cell 1 Totalizer Readings (gallons)								Landfill Cell 2 Totalizer Readings (gallons)							
	1WWC-PNL-601		1WWC-PNL-602		1WWC-PNL-603		1WWC-PNL-604		1WWC-PNL-605		1WWC-PNL-606		1WWC-PNL-607		1WWC-PNL-608	
	1WWC-P-601A	1WWC-P-601B	1WWC-P-602A	1WWC-P-602B	1WWC-P-603A	1WWC-P-603B	1WWC-P-604A	1WWC-P-604B	1WWC-P-605A	1WWC-P-605B	1WWC-P-606A	1WWC-P-606B	1WWC-P-607A	1WWC-P-607B	1WWC-P-608A	1WWC-P-608B
	Pump A	Pump A - LD	Pump B	Pump B - LD	Pump C	Pump C - LD	Pump D	Pump D - LD	Pump E	Pump E - LD	Pump F	Pump F - LD	Pump G	Pump G - LD	Pump H	Pump H - LD
09/12/2024	9,704,069	170,269	6,156,081	1,576,560	7,500,659	708,527	9,099,381	160,117	24,467,481	84,808	28,848,743	214,741	33,832,888	186,252	32,063,645	217,148
09/13/2024	9,748,987	170,269	6,181,514	1,577,279	7,500,659	709,346	9,099,381	160,117	24,615,212	84,808	29,028,732	214,741	33,995,568	186,252	32,231,773	217,148
09/14/2024	9,796,588	170,269	6,199,745	1,577,869	7,500,659	710,931	9,099,381	160,117	24,726,074	84,808	29,181,264	216,433	34,143,084	186,279	32,335,404	218,673
09/15/2024	9,837,365	170,269	6,220,449	1,478,692	7,500,659	711,750	9,099,381	160,117	24,850,388	84,808	29,332,762	216,433	34,271,988	186,344	32,467,212	218,673
09/16/2024	9,875,765	170,358	6,243,640	1,578,692	7,500,659	712,580	9,099,381	160,117	24,951,547	84,808	29,469,445	216,433	34,342,556	186,472	32,549,728	218,673
09/17/2024	9,910,034	170,358	6,260,462	1,578,692	7,500,659	714,108	9,099,381	160,117	25,039,821	84,808	29,585,782	218,118	34,389,323	186,545	32,612,634	220,195
09/18/2024	9,942,913	170,358	6,281,512	1,579,553	7,500,659	714,865	9,099,381	160,117	25,129,960	84,808	29,691,276	218,118	34,437,732	186,618	32,677,824	220,195
09/19/2024	9,996,804	170,359	6,308,298	1,579,553	7,500,659	716,406	9,099,381	160,117	25,213,274	84,808	29,798,630	218,118	34,480,736	186,685	32,729,632	220,195
09/20/2024	10,023,360	170,358	6,323,578	1,579,553	7,500,659	717,180	9,099,381	160,117	25,267,727	84,808	29,872,334	218,118	34,507,096	186,722	32,764,596	220,195
09/21/2024	10,049,660	170,358	6,338,639	1,579,553	7,500,659	717,949	9,099,381	160,117	25,316,872	84,808	29,939,054	219,784	34,530,081	187,749	32,792,798	221,713
09/22/2024	10,078,075	170,358	6,354,757	1,580,052	7,500,659	719,473	9,099,381	160,117	25,366,428	84,808	30,002,856	219,784	34,551,996	186,776	32,822,852	221,713
09/23/2024	10,100,484	170,358	6,368,236	1,580,454	7,500,659	720,246	9,099,381	160,117	25,403,606	84,808	30,044,543	219,784	34,569,160	186,791	32,844,376	221,713
09/24/2024	10,119,726	170,358	6,381,259	1,580,454	7,500,659	721,781	9,099,381	160,117	25,434,292	84,808	30,074,154	219,784	34,584,596	186,801	32,863,816	221,713
09/25/2024	10,137,576	170,358	6,393,899	1,580,923	7,500,659	722,552	9,099,381	160,117	25,458,983	84,808	30,095,580	219,784	34,596,972	186,822	32,881,034	221,713
09/26/2024	10,156,955	170,358	6,406,917	1,580,923	7,500,659	724,084	9,099,381	160,117	25,487,286	84,808	30,117,586	221,512	34,609,664	186,834	32,898,272	221,713
09/27/2024	10,193,158	170,358	6,432,008	1,581,442	7,500,659	725,643	9,099,381	160,117	25,528,986	84,808	30,153,838	221,512	34,630,292	186,838	34,630,292	221,713
09/28/2024	10,193,158	170,358	6,432,008	1,581,442	7,500,659	725,643	9,099,381	160,117	25,528,986	84,808	30,153,838	221,512	34,630,292	186,838	32,925,700	221,713
09/29/2024	10,227,895	170,358	6,454,674	1,582,038	7,500,659	727,187	9,099,381	160,117	25,558,306	84,808	30,179,446	221,512	34,657,118	186,838	32,954,808	221,713
09/30/2024	10,254,003	170,358	6,471,417	1,582,038	7,500,659	727,940	9,099,381	160,117	25,626,072	84,808	30,237,015	221,512	34,765,051	186,838	33,039,219	221,713
10/01/2024	10,292,736	170,359	6,496,753	1,582,472	7,500,659	729,415	9,099,381	160,117	25,694,286	84,808	30,328,674	223,202	34,862,116	186,838	33,111,298	221,713
10/02/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	25,824,777	84,808	30,469,049	223,202	34,992,236	186,838	33,244,208	221,713
10/03/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	25,977,146	84,808	30,630,362	223,202	35,156,174	186,838	33,413,927	223,273
10/04/2024	10,303,140	170,359	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	26,078,574	84,808	30,751,702	224,896	35,351,148	186,838	33,598,312	223,273
10/05/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,416	9,099,381	160,117	26,130,670	84,808	30,815,284	224,896	35,468,940	186,838	33,663,560	224,810
10/06/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	26,180,856	84,808	30,867,582	224,896	35,520,404	186,838	33,721,452	224,810
10/07/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	26,225,198	84,808	30,906,242	225,083	35,560,348	186,838	33,778,186	224,810
10/08/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	26,262,860	84,808	30,942,630	226,603	35,592,760	186,838	33,826,808	226,355
10/09/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	26,294,551	84,808	30,971,892	226,603	35,592,760	186,838	33,826,808	226,355
10/10/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	26,373,098	92,497	31,057,123	231,603	35,592,760	188,901	33,826,808	236,355
10/11/2024	10,303,140	170,358	6,503,255	1,582,472	7,500,659	729,415	9,099,381	160,117	26,400,060	99,576	31,081,131	235,390	35,612,178	220,349	33,846,189	230,012
10/12/2024	10,303,140	170,359	6,503,255	158,472	7,500,659	729,415	9,099,381	160,117	26,565,678	102,621	31,247,855	241,539	35,768,585	229,414	34,003,	

Date	Landfill Cell 1 Totalizer Readings (gallons)								Landfill Cell 2 Totalizer Readings (gallons)							
	1WWC-PNL-601		1WWC-PNL-602		1WWC-PNL-603		1WWC-PNL-604		1WWC-PNL-605		1WWC-PNL-606		1WWC-PNL-607		1WWC-PNL-608	
	1WWC-P-601A	1WWC-P-601B	1WWC-P-602A	1WWC-P-602B	1WWC-P-603A	1WWC-P-603B	1WWC-P-604A	1WWC-P-604B	1WWC-P-605A	1WWC-P-605B	1WWC-P-606A	1WWC-P-606B	1WWC-P-607A	1WWC-P-607B	1WWC-P-608A	1WWC-P-608B
	Pump A	Pump A - LD	Pump B	Pump B - LD	Pump C	Pump C - LD	Pump D	Pump D - LD	Pump E	Pump E - LD	Pump F	Pump F - LD	Pump G	Pump G - LD	Pump H	Pump H - LD
11/02/2024	10,983,318	178,153	6,896,298	1,626,827	7,577,196	769,859	9,167,622	164,224	27,128,610	104,860	31,900,004	253,524	37,676,048	238,316	35,961,792	274,755
11/03/2024	11,006,849	178,153	6,906,500	1,627,538	7,599,811	770,588	9,183,914	164,224	27,136,350	104,860	31,905,216	253,524	37,681,820	238,320	35,967,932	274,755
11/04/2024	11,030,446	178,153	6,991,676	1,628,847	7,623,560	771,313	9,200,248	164,224	27,144,034	104,860	31,911,022	253,524	37,687,696	238,324	35,972,904	276,310
11/05/2024	11,052,351	178,153	6,925,980	1,629,462	7,645,682	771,313	9,215,263	164,224	27,151,624	104,860	31,916,324	253,524	37,692,756	238,327	35,979,192	276,310
11/06/2024	11,072,802	178,153	6,934,506	1,630,682	7,666,258	772,011	9,229,542	164,224	27,157,972	104,860	31,920,996	235,524	37,697,912	238,331	35,984,228	276,310
11/07/2024	11,090,883	178,153	6,942,470	1,631,356	7,686,147	772,011	9,243,218	164,224	27,164,838	104,860	31,925,662	253,524	37,702,300	238,334	35,989,316	276,310
11/08/2024	11,107,382	178,153	6,949,582	1,632,047	7,704,480	772,705	9,256,320	164,224	27,171,618	104,860	31,930,390	253,524	37,707,464	238,336	35,994,556	276,310
11/09/2024	11,122,395	178,153	6,956,638	1,632,830	7,721,853	772,705	9,268,761	164,224	27,177,710	104,860	31,934,466	254,197	37,711,924	238,339	35,998,452	276,310
11/10/2024	11,135,505	178,153	6,962,686	1,633,087	7,738,144	772,705	9,280,586	164,224	27,183,642	104,860	31,938,604	255,233	37,716,376	238,342	36,002,284	276,310
11/11/2024	11,148,887	178,153	6,969,026	1,633,562	7,752,198	772,705	9,292,054	164,224	27,189,542	104,860	31,942,202	255,233	37,720,072	238,344	36,007,396	276,310
11/12/2024	11,161,490	178,153	6,974,619	1,634,236	7,764,995	772,705	9,302,928	164,224	27,195,225	104,860	31,946,404	255,233	37,724,492	238,346	36,011,108	276,310
11/13/2024	11,171,464	178,153	6,980,048	1,634,864	7,775,433	727,505	9,312,991	164,224	27,200,778	104,860	31,950,012	255,233	37,728,156	238,348	36,014,904	276,310
11/14/2024	11,182,124	178,153	6,985,267	1,635,308	7,784,922	773,408	9,323,037	164,224	27,206,126	104,860	31,953,614	255,233	37,731,844	238,351	36,018,453	276,310
11/15/2024	11,192,623	178,153	6,990,696	1,635,415	7,794,374	773,408	9,333,664	164,224	27,211,994	104,860	31,957,218	255,233	37,735,552	238,358	36,021,192	276,310
11/16/2024	11,201,798	178,153	6,995,200	1,635,415	7,802,063	773,408	9,343,161	164,224	27,216,810	104,860	31,960,228	255,233	37,739,300	238,355	36,024,940	276,310
11/17/2024	11,209,029	178,153	6,999,943	1,636,073	7,808,804	773,408	9,352,145	164,224	27,222,142	104,860	31,963,266	255,233	37,742,308	238,356	36,028,680	276,310
11/18/2024	11,217,727	178,153	7,005,072	1,636,073	7,815,777	773,408	9,361,581	164,224	27,226,944	104,860	31,966,330	255,233	37,745,300	238,360	36,031,188	276,310
11/19/2024	11,226,532	178,153	7,010,303	1,636,073	7,822,497	773,408	9,371,010	164,224	27,232,246	104,860	31,969,366	255,233	37,748,340	238,363	36,034,808	276,310
11/20/2024	11,235,838	178,153	7,015,255	1,636,682	7,829,712	773,408	9,380,545	164,224	27,236,974	104,860	31,972,440	255,233	37,751,416	238,365	36,037,200	276,310
11/21/2024	11,243,637	178,153	7,020,205	1,636,682	7,835,968	773,408	9,389,869	164,224	27,241,716	104,860	31,974,900	255,233	37,754,524	238,367	36,039,656	276,310
11/22/2024	11,250,941	178,153	7,024,967	1,636,682	7,841,946	773,408	9,399,018	164,224	27,246,468	104,860	31,977,970	255,233	37,757,608	238,367	36,043,344	276,310
11/23/2024	11,257,665	178,153	7,029,464	1,637,613	7,847,080	773,408	9,407,782	164,224	27,251,200	104,860	31,980,428	255,233	37,759,912	238,367	36,045,632	276,310
11/24/2024	11,269,275	178,153	7,038,911	1,637,613	7,855,792	773,408	9,425,231	164,224	27,260,154	104,860	31,985,954	255,233	37,765,140	238,367	36,050,020	276,310
11/25/2024	11,268,877	178,153	7,038,557	1,637,613	7,855,533	773,408	9,424,873	164,224	27,260,154	104,860	31,985,954	255,233	37,765,140	238,367	36,050,020	276,310
11/26/2024	11,275,723	178,153	7,043,129	1,638,242	7,860,605	773,408	9,433,975	164,244	27,264,348	104,860	31,988,428	256,942	37,767,424	238,367	36,052,204	276,310
11/27/2024	11,282,340	178,153	7,047,498	1,638,242	7,866,111	773,408	9,442,906	164,224	27,268,518	104,860	31,990,924	256,942	37,769,712	238,367	36,054,376	276,310
11/28/2024	11,289,228	178,153	7,051,570	1,638,242	7,871,753	773,408	9,451,659	164,224	27,272,664	104,860	31,993,384	256,942	37,772,032	238,367	36,056,556	276,310
11/29/2024	11,295,563	178,153	70,555,692	1,638,242	7,876,759	773,408	9,460,573	164,224	27,276,798	104,860	31,995,860	256,942	37,774,364	238,367	36,058,736	276,310
11/30/2024	11,299,675	178,153	7,059,402	1,638,242	7,880,703	773,408	9,468,894	164,224	27,280,418	104,860	31,998,366	256,942	37,776,724	238,367	36,060,928	276,310
12/01/2024	11,304,564	178,153	7,063,540	1,638,311	7,884,613	773,408	9,477,388	164,224	27,284,042	104,860	32,000,868	256,942	37,779,096	238,367	36,063,152	277,337
12/02/2024	11,309,033	178,153	7,067,628	1,638,874	7,888,363	773,408	9,485,510	164,224	27,287,670	104,860	32,002,726	256,942				

Date	Landfill Cell 1 Totalizer Readings (gallons)								Landfill Cell 2 Totalizer Readings (gallons)															
	1WWC-PNL-601		1WWC-PNL-602		1WWC-PNL-603		1WWC-PNL-604		1WWC-PNL-605		1WWC-PNL-606		1WWC-PNL-607		1WWC-PNL-608									
	1WWC-P-601A	1WWC-P-601B	1WWC-P-602A	1WWC-P-602B	1WWC-P-603A	1WWC-P-603B	1WWC-P-604A	1WWC-P-604B	1WWC-P-605A	1WWC-P-605B	1WWC-P-606A	1WWC-P-606B	1WWC-P-607A	1WWC-P-607B	1WWC-P-608A	1WWC-P-608B								
	Pump A	Pump A - LD	Pump B	Pump B - LD	Pump C	Pump C - LD	Pump D	Pump D - LD	Pump E	Pump E - LD	Pump F	Pump F - LD	Pump G	Pump G - LD	Pump H	Pump H - LD								
12/23/2024	11,399,428	178,153	7,151,050	1,641,564	7,954,869	773,408	9,656,947	164,224	27,399,828	104,860	32,074,232	258,630	37,823,280	239,672	36,104,420	277,844								
12/24/2024	11,402,807	178,153	7,154,504	1,641,564	7,957,062	773,408	9,663,924	164,224	27,403,690	104,860	32,078,963	258,630	37,825,080	239,672	36,105,516	277,844								
12/25/2024	11,406,813	178,153	7,158,670	1,641,564	7,960,053	773,408	9,672,401	164,224	27,408,440	104,860	32,086,252	258,630	37,825,080	239,672	36,107,728	277,844								
12/26/2024	11,410,591	178,153	7,162,700	1,641,564	7,962,768	773,408	9,680,942	164,224	27,412,726	104,860	32,091,832	258,630	37,828,684	239,672	36,108,844	277,844								
12/27/2024	11,414,451	178,153	7,166,181	1,641,564	7,965,480	773,408	9,689,197	164,224	27,416,536	104,860	32,096,458	258,630	37,830,536	239,672	36,109,940	277,844								
12/28/2024	11,418,059	178,153	7,169,962	1,642,143	7,967,662	773,408	9,697,289	164,224	27,419,868	104,860	32,101,086	258,630	37,832,408	239,672	36,112,208	277,844								
12/29/2024	11,422,203	178,153	7,173,769	1,642,143	7,970,602	773,408	9,705,540	164,224	27,423,208	104,860	32,104,580	258,630	37,834,304	239,672	36,113,380	277,844								
12/30/2024	11,427,614	178,153	7,177,607	1,642,143	7,973,819	773,408	9,713,822	164,224	27,433,476	104,860	32,112,072	258,630	37,838,220	239,672	36,118,056	277,844								
12/31/2024	11,433,457	178,153	7,182,023	1,642,143	7,977,132	773,408	9,721,905	164,224	27,441,428	104,860	32,117,248	258,630	37,842,136	239,672	36,121,608	277,844								
Average Daily Flow (gpm)	7.4	0.0	5.0	0.2	0.9	0.1	5.8	0.0	16.2	0.0	18.1	0.2	19.1	0.1	17.9	0.1								
Cell 1 Leachate Collection Sytem average daily flow (gpm)								19.0	Cell 2 Leachate Collection Sytem average daily flow (gpm)							71.3								
Cell 1 Leak Detection Sytem average daily flow (gpm)								0.4	Cell 2 Leak Detection Sytem average daily flow (gpm)							0.5								
Average Combined Daily Flow (gpm)								91.3																
Average Combined Daily Flow (mgal/day)								0.13																
	No waste in subcell. Pumps discharged to stormwater ditches.																							
	Erroneous data/missing data																							

Appendix D

Summary of Weekly Landfill Inspection Reports for 2024

SUMMARY OF WEEKLY VISUAL INSPECTION OF CELLS 1 AND 2 AT STANTON ENERGY CENTER

Date	Condition of Containment Dike	Condition of Perimeter Dike	Condition of Landfill Cells	Condition of Landfill Base Area without Waste	Condition of Landfill Slope Area without Waste	Condition of Box Culverts	Condition of Drainage Ditch	Condition of Inlets to Wet Detention Pond	Any wastes outside designated boundary?	Any wastes or leachate above liner anchor trench on containment dike slope?	Any significant standing water at landfill base?	Any significant standing water on landfill top?	Any significant erosion areas that need attention?	Any exposed geomembrane or geocomposite?	Any active alarms in leachate sumps control panels?	Any significant blockage to surface drainage?	Any flowing or significant standing water in drainage ditch?	Any significant vegetation overgrowth that needs attention?	Any auxiliary pumps operating to remove water?
1/23/2024	Good	Good	Good	Good	Good	Good	Needs attention (Needs vegetation cleaned out)	Good	No	No	No	No	No	No	Yes	No	No	No	No
1/29/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
2/6/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
2/12/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
2/20/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
3/13/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
3/18/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
3/25/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
4/1/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
4/9/2024	Good	Good	Good	Good	Good	Good		Good	No	No	No	No	No	No	Yes	No	No	No	No
5/1/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
5/8/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
5/16/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
5/22/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
5/31/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
6/3/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
6/11/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
6/24/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
7/3/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
7/9/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	No	No	No	No	No
7/16/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	No	No	No	No	No
7/25/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	No	No	No	No	No
8/1/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	No	No	No	No	No
8/9/2024	Good	Good	Good	Good	Good	Needs attention (Box culvert #2 cell 2 needs dirt removed)	Good	Good	No	No	No	No	No	No	No	No	No	No	No
8/14/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	No	No	No	No	No
8/23/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	No	No	No	No	No
8/27/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	No	No	No	No	No
9/6/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	No	No	No	No	No
9/12/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
9/19/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
10/1/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
10/9/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
10/14/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
10/24/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
11/1/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
11/5/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
11/12/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
11/29/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
12/3/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
12/13/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
12/20/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
12/27/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No
12/30/2024	Good	Good	Good	Good	Good	Good	Good	Good	No	No	No	No	No	No	Yes	No	No	No	No

Appendix E

FDEP Inspection Report



FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

August 30, 2024

Chip Merriam, VP of Legislative and Regulatory Compliance
Orlando Utilities Commission
P.O. Box 3193
Orlando, Florida 32831
cmerriam@ouc.com

Re: Curtis H. Staton Energy Center
SW Facility ID #97663
Orange County

Dear Mr. Merriam:

Department personnel conducted an inspection of the above-referenced facility on April 17, 2024. Based on the information provided during and following the inspection, the facility was determined to be in compliance with the Department's rules and regulations. A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact David Janson at 407-897-4141 or via e-mail at David.Janson@FloridaDEP.gov.

Sincerely,

A handwritten signature in cursive script that reads "Jenny E. Farrell".

Jenny E. Farrell, Environmental Manager
Central District
Florida Department of Environmental Protection

Enclosure: Inspection Report

cc: Tom Gaboian, Orlando Utilities Commission, TGaboian@ouc.com
David Janson, FDEP



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: OUC STANTON ENERGY CENTER
On-site Inspection Start Date: 04/17/2024
On-site Inspection End Date: 04/17/2024
WACS No.: 97663
Facility Street Address: 5100 S. ALAFAYA TRAIL
City: ORLANDO
County Name: ORANGE
Zip: 32831

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: David Janson, Inspector

Other Participants: Michael Eckoff, Environmental Consultant ; Tom Gaboian, P.E., Senior
Environmental Compliance Specialist

INSPECTION TYPE:

Routine Operation Inspection for Landfill - Coal Ash Monofill

ATTACHMENTS TO THE INSPECTION CHECKLIST:

This Cover Page to the Inspection Checklist may include any or all of the following attachments as appropriate.

Note: Checklist items with shaded boxes are for informational purposes only.

1.0 - SECTION 1.0 - FILE REVIEW

2.0 - SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

Inspection Date: 04/17/2024

1.0 - SECTION 1.0 - FILE REVIEW**Requirements:**

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	FILE REVIEW (Pre- or Post-Inspection, as appropriate.)	Ok	Not Ok	Unk	N/A
1.1	For landfills and C&D disposal facilities, does the facility have a current plan for the method and sequence of filling wastes? 62-701.500(2)(f) for landfills; 62-701.730(7)(a) for C&D debris sites	✓			
1.2	For landfills, are the following records being reported to the Department?(Check any that are Not OK) ☐ Waste reports (annually) 62-701.500(4) ☐ Annual estimate of remaining life 62-701.500(13)(c)	✓			
1.3	Is gas monitoring being performed as required by the permit? 62-701.500(9), 62-701.530(2)				✓
1.4	Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)(c)				✓
1.5	Is water quality sampling and testing performed according to standard procedures and at the required frequencies? 62-701.510(2) for landfills; 62-701.730(8) and 62-701.730(10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.	✓			
1.6	Do the results of the water quality testing suggest there may be adverse impacts to water quality from the operation of the solid waste facility? 62-701.510(3) and (4); 62-701.730(8)(f) and (10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.			✓	
1.7	For closed landfills and C&D disposal facilities with final elevations higher than 20 feet above grade, has a final survey report verifying the final elevations and contours of the facility been submitted to the Department? 62-701.600(6)(b), 62-701.730(9)(e)				✓
1.8	Is financial assurance adequate? 62-701.630 for landfills; 62-701.710(7)(a) and 62-701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(a) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities. NOTE: The Solid Waste Financial Coordinator in Tallahassee can assist with this information.				✓
1.9	Are cost estimates current and adjusted every year? 62-701.630(4) for landfills; 62-701.710(7)(a) and 62-701.710(1)(d)1. for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(b) and 62-713.600(6)(c) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities.				✓
1.10	For C&D debris disposal and disposal with recycling facilities, is an Annual Report submitted to the Department for the disposal operation by February 1st of each year? 62-701.730(12)				✓
1.11	For C&D recycling facilities with no disposal, is an Annual Report for the recycling facility submitted to the Department by February 1st of each year? 62-701.710(8)(b)				✓
1.12	For compost facilities, has the compost product been sampled and analyzed every 20,000 tons or every 3 months (whichever is sooner)? 62-709.530(1)				✓
1.13	For compost facilities, has the annual report been submitted by June 1st? 62-709.530(3)				✓

Inspection Date: 04/17/2024

2.0 - SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE**Requirements:**

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300 (18))	Ok	Not Ok	Unk	N/A
2.1.1	Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility. 62-701.300(1)(a)	✓			
2.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)	✓			
2.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) ☐ 100 feet from potable water wells (except on-site)? ☐ 50 feet from water bodies?	✓			
2.3	Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event.) 62-701.300(2)(d)	✓			
2.4	Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e)	✓			
2.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
2.6	Are the following unauthorized wastes or special wastes properly controlled, managed and disposed? (Check any that are Not OK) ☐ Hazardous waste 62-701.300(4) ☐ Biomedical waste 62-701.300(6) ☐ Yard trash 62-701.300(8)(c) ☐ Whole waste tires 62-701.300(8)(e) ☐ Regulated asbestos waste 62-701.520(3), 62-701.730(19) ☐ Used oil and oily wastes, except as exempted 62-701.300(11) ☐ PCB wastes 62-701.300(5) ☐ Lead-acid batteries 62-701.300(8)(a) ☐ White goods 62-701.300(8)(d) ☐ Liquids 62-701.300(10) ☐ CCA treated wood 62-701.300(14) ☐ Biological waste - Disposal of dead animals due to disease 62-701.520(5)(a) ☐ Biological waste - Disposal of dead poultry and hatchery residue 62-701.520(5)(b) ☐ Biological waste - Disposal of captive wildlife, fish or marine mammals, and domestic animals that have not died due to disease 62-701.520(5)(c)	✓			
2.7	Are only permitted waste types disposed at facility? 62-701.340(2), 62-701.500(6)(a), 62-701.500(2)(c)	✓			

Inspection Date: 04/17/2024

2.6.5	Recommended guidance for Item 2.6 above. Facility was provided a copy of the Department's Disposal of Deceased Domestic Animals Guidance Document dated November 9, 2018. (Note: The Guidance Document is to provide direction regarding the disposal of deceased domestic animals pursuant to Chapter 62-701.520(5), F.A.C. and Chapter 823.041, F.S.) ☐ Yes ☐ No ☐ N/A				
Item No.	LANDFILL OPERATION AND MAINTENANCE	Ok	Not Ok	Unk	N/A
2.8	Is there a trained operator on-site at Class I and III landfills when receiving wastes? 62-701.500(1)				✓
2.9	Is there at least one trained spotter at each working face when receiving wastes at Class I and III landfills? 62-701.500(1)				✓
2.10	Are the following records or plans current and available on-site? (Check any that are Not OK) ☐ Training Plan 62-701.320(15)(a) ☐ Operating Plan 62-701.500(2) ☐ Waste weight records 62-701.500(4) ☐ Precipitation records 62-701.500(8)(g) ☐ Load-checking program records 62-701.500(6)(a) ☐ Training records 62-701.320(15)(a) ☐ Operation record 62-701.500(3) ☐ Quantity of leachate 62-701.500(8)(f)	✓			
2.11	Is the operation plan substantially followed? 62-701.500(2)	✓			
2.12	Is incoming waste weighed? 62-701.500(4)(a) and 62-701.500(2)(d)				✓
2.13	Is the method and sequence of filling waste according to plans? 62-701.500(2)(f)	✓			
2.14	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)	✓			
2.15	Is waste compacted as required? 62-701.500(7)(a)	✓			
2.16	Are the working face and side slopes above ground graded to a slope no greater than 3 feet horizontal to 1 foot vertical rise? 62-701.500(7)(c)	✓			
2.17	Is a narrow working face practiced? 62-701.500(7)(d)	✓			
2.18	Is the frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)	✓			
2.19	Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)	✓			
2.20	Is litter controlled and are litter control devices maintained? 62-701.500(7)(i) and 62-701.500(11)(f)				✓
2.21	Is erosion control adequate? 62-701.500(7)(j)	✓			
2.22	Is the leachate collection and removal system maintained and operated as required? 62-701.500(2)(j), 62-701.500(8)(b) and 62-701.500(8)(h)	✓			
2.23	Is leachate disposed of or treated as required? 62-701.500(8)(b), 62-701.500(8)(c) and 62-701.500(8)(d)	✓			
2.24	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				✓
2.25	Is gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				✓
2.26	Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				✓
2.27	Are gas vents intact and functioning properly? 62-701.500(9), 62-701.530(1)(a)3				✓
2.28	Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10), 62-701.400(9)(b)	✓			
2.29	Is stormwater management system maintained and operated as required? 62-701.500(10)	✓			
2.30	Is there sufficient operating equipment? 62-701.500(11)(a)	✓			
2.31	Is there sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)	✓			
2.32	Are communication facilities adequate? 62-701.500(11)(c)	✓			
2.33	Are approved dust control methods adequate? 62-701.500(11)(d)	✓			

Inspection Date: 04/17/2024

2.34	Are fire protection and fire fighting capabilities adequate and operational? 62-701.500(11)(e)	✓			
2.35	Are there required signs for operational directions and public information? 62-701.500(11)(g)				✓
2.36	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)	✓			
2.37	Are groundwater wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(8)			✓	
2.38	Are all additional specific conditions (not otherwise addressed above) in the permit, Department order, or certification, if any, being followed? 62-701.320(1), 403.161, F.S.	✓			

Inspection Date: 04/17/2024

Comments

Conditions of Certification PA 81-14M dated August 30, 2027

Solid Waste Operation Permit - Coal Combustion Residuals Landfill

Permit No.: 0433893-001-CO-01

Permit Issued: July 12, 2024

Permit Renewal Application Due: May 12, 2029

Permit Expires: July 12, 2029

Section 1.0 - File Review

Item 1.2 - The annual waste report is not required to be submitted. 2023 annual estimates of remaining landfill capacity and life are posted in the annual inspections landfill documentation on the OUC CCR website (oucccr.com/inspections). The 2024 Annual Inspection was posted on May 24, 2024.

Item 1.5 - The 2nd 2023 semi-annual water quality monitoring report was submitted on February 8, 2024 and the 1st 2024 semi-annual report was submitted on February 5, 2024.

Item 1.6 - The groundwater reports are reviewed as a separate function and are not deemed part of this inspection.

Section 2.0 - Landfill Operation and Maintenance

Item 2.1 - No unauthorized wastes were observed at the time of the inspection at the landfill.

Item 2.10 - Waste records are compiled on a monthly basis. Precipitation readings are recorded in a spreadsheet which was provided via email on April 19, 2024. 2024 leachate flows are recorded daily from pump logs and were also provided via email on April 19, 2024.

Item 2.36 - Access road to the landfill and inside perimeter road were well maintained at the time of the inspection.

Inspection Date: 04/17/2024

Signed:

David Janson

Inspector

PRINCIPAL INSPECTOR NAME

PRINCIPAL INSPECTOR TITLE



FDEP

07/03/2024

PRINCIPAL INSPECTOR SIGNATURE

ORGANIZATION

DATE

Michael Eckoff

Environmental Consultant

INSPECTOR NAME

INSPECTOR TITLE

NO SIGNATURE REQUIRED

FDEP

INSPECTOR SIGNATURE

ORGANIZATION

Tom Gaboian, P.E.

Senior Environmental Compliance Specialist

REPRESENTATIVE NAME

REPRESENTATIVE TITLE

NO SIGNATURE REQUIRED

REPRESENTATIVE SIGNATURE

ORGANIZATION

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.

Report Approvers:

Approver: Jenny E. Farrell

Inspection Approval Date: 08/23/2024

Appendix F

Selected Photographs from 2025 Annual Inspection



Waste Placed in Cell 2 bottom and slope areas (Looking West from top of the Closed Vertical Expansion of Original CWSA)



Junction of Waste Mound in Cell 1 with Cell 2, abutting the western slope of Original CWSA (Looking South from top of the Closed Vertical Expansion of Original CWSA)



Slope Areas of Cell 2 and two Southern Sub-cells of Cell 2 (Looking North from top of the Closed Vertical Expansion of Original CWSA)



North Anchor Trench of Closure Liner atop Cell 1, Waste in Cell 2 Abutting Northern Slope of Cell 1 (Looking North from top of the Closed Vertical Expansion of Original CWSA)



East Anchor Trench of Closure Liner atop Cell 1 (Looking South from top of the Closed Vertical Expansion of Original CWSA)



Ramp from Containment Dike of Cell 1 to top of Closed Vertical Expansion of Original CWSA (Looking Southwest from top of the Closed Vertical Expansion of Original CWSA)



Sod on Lower Slopes on Cell 1 Currently Undergoing Closure (Looking Northwest from Containment Dike on South of Cell 1)



Monitoring Well MW-A on South Side of Cell 1



Discharge Structures for Wet Detention Pond (Looking South-Southeast)



Fabriform with Discharge Pipes from Wet Detention Pond into Perimeter Storm-water Ditch (Looking Northwest from Perimeter Dike)



Perimeter Ditch South of Cell 1 (Looking Northeast towards South Slope of Cell 1 Undergoing Closure)



Monitoring Well MW-10 on South Side of Cell 1 (Looking East)



**Fabriform with Inlets to Wet Detention Pond in Stormwater Ditch South of Cell 1
(Looking North from Cell 1 Perimeter Dike)**



**Stormwater Ditch Between Perimeter Dike and Containment Dike of Cell 1 Under-
going Closure (Looking East from Perimeter Dike)**



Stormwater Ditch Between Perimeter Dike and Containment Dike of Cell 1 Undergoing Closure (Looking North from Perimeter Dike)



Monitoring Well MW-9R (Looking North on Toe Road West of Cell 1)



Outside of Control Panel Cabinet for Cell 1, Sump 3



Waste Placed in Two Southern Sub-cells of Cell 2 (Looking Northeast from Southwest Corner of Bottom of Cell 2)



Diesel Auxiliary Pump with Intake Deployed in Cell 2, Sub-cell A (Looking North)



Stormwater Ditch with Box Culverts Between Perimeter Dike and Containment Dike of Cell 2 (Looking South from Perimeter Dike Crossings)



Outside of Control Panel Cabinet for Cell 2, Sump 1



Articulated Dump Truck Placing Waste in Cell 2 (Looking South/Southeast)



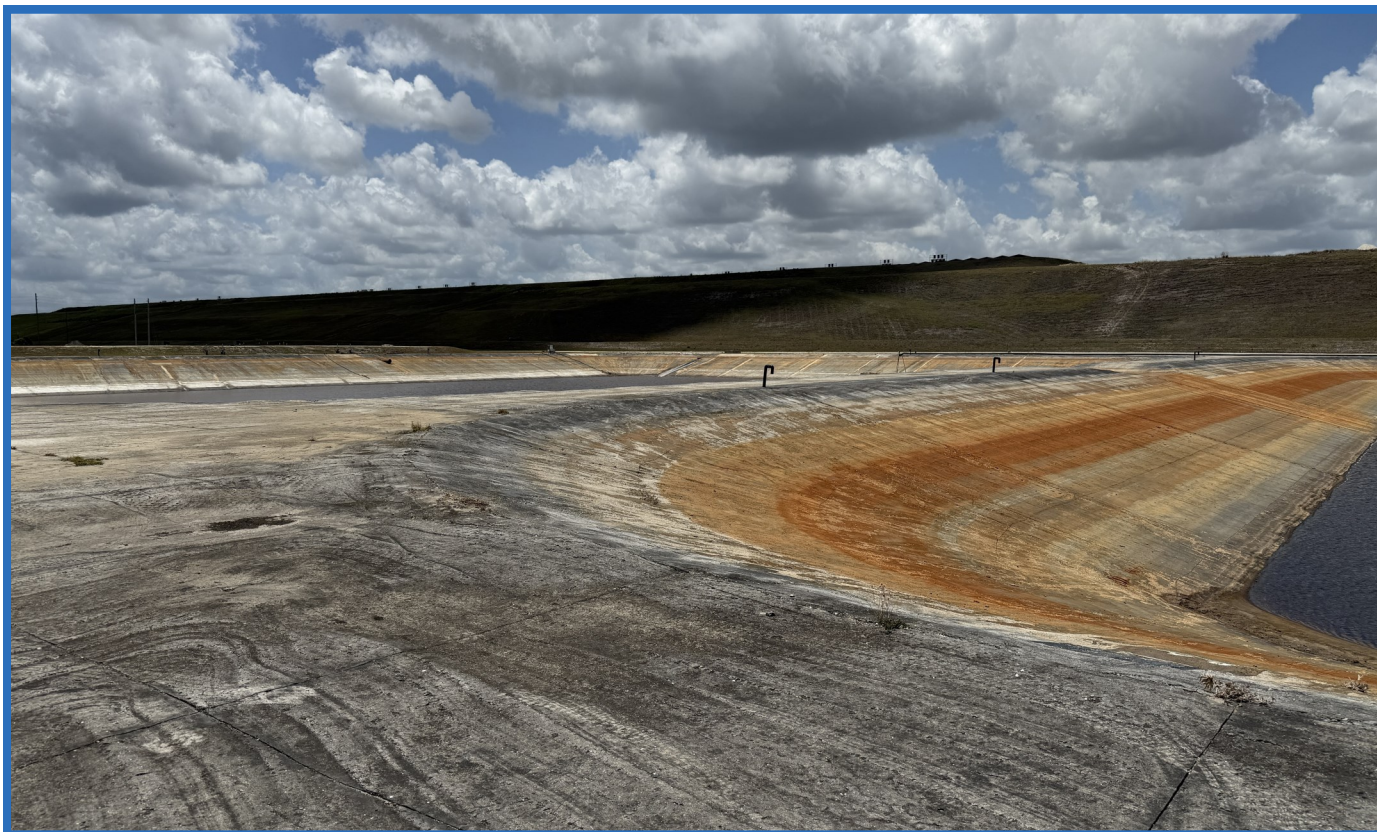
Containment Dike and Northernmost Sub-Cell of Cell 2 (Looking East)



Access Road through Bottom of Cell 2 (Looking South)



Two Northern Sub-Cells of Cell 2, Which are not receiving Waste (Looking Southwest from top of the Closed Vertical Expansion of Original CWSA)



Divider Dike Between CWSA Runoff Pond North and South Compartments (Looking Southwest)



Southern Compartment of CWSA Runoff Pond (Looking Southwest/West)