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Geotechnical, Environmental, and
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A Tetra Tech Company

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

Attention: Mr. Charles W. Doud, P.E.
Senior Environmental Engineer

Subject: 2021 Annual Landfill Inspection under Coal Combustion Residuals (CCR) Rule,
Stanton Energy Center, Orange County, Florida

Gentlemen/Ladies:

As authorized by Orlando Utilities Commission (OUC) Purchase Order 249377-000-OS dated November 23, 2020, Ardaman & Associates, Inc.—a Tetra Tech Company (TT-AAI) has completed the 2021 annual landfill inspection at the Stanton Energy Center on March 2, 2021. 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 landfill inspection, TT-AAI has reviewed the CCR Rule requirements, historical information in our project files, and relevant landfill operation data provided by OUC.

The focus of our annual inspection was on the lined Cell 1 of the horizontal expansion of the closed 90-acre original landfill, which is also referred to as the original combustion waste storage area (original CWSA). Currently, Cell 1 is the active CCR disposal unit at the Stanton Energy Center and is the only landfill unit that is subject to provisions of the CCR Rule. 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 insofar as they may affect the operation and safety of Cell 1.

The 2021 inspection constituted the sixth annual inspection since waste materials were first placed into Cell 1 on May 28, 2015. The previous (i.e., the fifth) annual inspection was documented in a TT-AAI report titled “2020 Landfill Inspection under Coal Combustion Residuals (CCR) Rule, Orlando Utilities Commission, Stanton Energy Center, Orange County, Florida,” dated May 26, 2020. This report provides some background information on the history and design of Cell 1, and documents our findings and recommendations from the sixth annual landfill inspection and associated 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. The entire facility encompasses an area of approximately 3,280 acres.

The designated CCR disposal area at the Stanton Energy Center, which is 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 within the entire 250-acre CWSA has occurred within the closed 90-acre original CWSA, the closed vertical expansion on top of the original CWSA, and the active Cell 1 of the horizontal expansion to the west of the original CWSA. The horizontal expansion consists of the existing Cell 1, the soon-to-be completed Cell 2, and the future Cell 3.

Cell 1 consists of approximately 30 acres of base area and 8 acres of slope area on the west side of the closed original CWSA (i.e., the horizontal expansion, including Cell 1, piggybacks on the west slope of the closed original CWSA). An aerial photograph dated January 9, 2021 that shows the layout of the entire 250-acre CWSA, which includes the 90-acre footprint area of the original CWSA and the 30-acre footprint area of Cell 1, is presented in Figure 1. A close-up aerial photograph of Cell 1 is further depicted on the aerial photograph in Figure 2.

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 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.

Since October 19, 2015 (i.e., the effective date of the CCR Rule), Cell 1 has been the only active CCR landfill unit at the Stanton Energy Center. Accordingly, Cell 1 is the only landfill unit that is subject to the CCR rule requirements. Cell 1 was previously projected to reach its maximum storage capacity in early 2023. Construction of Cell 2 was substantially completed in December 2020. However, some mechanical and electrical work for the leachate removal system remains ongoing, and is expected to be completed by the end of May 2021. Cell 2 is located immediately north of Cell 1. Cell 2 comprises approximately 30 acres of base area, 8 acres of slope area on the west side of the closed original CWSA, and 8 acres of slope area on the north side of Cell 1 (i.e., Cells 1 and 2 will eventually be joined). 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.

Relevant Information

In association with the 2021 landfill inspection, TT-AAI has reviewed the following relevant information 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 Cell 1.
- CCR Fugitive Dust Control Plan for the CCR disposal area, prepared by OUC and dated October 2, 2015.
- Run-on and Run-off Control System Plan for Cell 1, prepared by TT-AAI and dated October 14, 2016.
- Conceptual Closure Plan for Cell 1, prepared by TT-AAI and dated October 14, 2016.
- Landfill Operation and Maintenance Plan for Cell 1, prepared by TT-AAI and dated February 3, 2017.

- Demonstration for Compliance with “Unstable Areas” Requirement in CCR Rule for Cell 1, prepared by TT-AAI and dated January 11, 2019.
- 2020 Annual Landfill Inspection Report for Cell 1, prepared by TT-AAI and dated May 26, 2020.
- FDEP Inspection Report based on facility inspection performed by FDEP representatives on December 1, 2020.
- Topographic surveys performed by MIKON on September 10, 2019 and September 30, 2020.
- Maps of Topographic and Material Quantity Surveys for Cell 1 prepared by Wood Environment & Infrastructure Solutions, Inc. (Wood) based on field data obtained on April 27, 2020, October 5, 2020, and April 23, 2021.
- On-site rainfall records for 2020 and the early part of 2021.
- Daily dust logs for 2020.
- Monthly waste quantity records for 2020.
- Weekly landfill inspection reports for 2020.

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 is 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 minimize 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 minimize 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 minimize 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 the underlying groundwater and to control the leachate heads 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 is 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 the market demand. Any unsold bottom ash and the BCCS are disposed of in the on-site landfill. The on-site landfill also receives relatively small quantities of 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 in 2015, OUC has retained different surveyors to perform topographic surveys of the waste surface periodically to allow OUC to keep track of landfill geometry, waste volumes, and remaining storage life. The following surveys were reviewed by TT-AAI as part of the 2021 annual landfill inspection under the CCR Rule:

- MIKON's surveys performed on September 10, 2019 and September 30, 2020.

- Wood's surveys performed on April 27, 2020, October 5, 2020, and April 23, 2021.

The elevations in MIKON's survey were referenced to the National Geodetic Vertical Datum of 1929 (NGVD29), whereas the elevations in Wood's surveys were referenced to the North American Vertical Datum of 1988 (NAVD88). Results of the topographic surveys by MIKON and the topographic and material quantity surveys by Wood are included in Appendices 1 and 2, respectively.

As shown on the latest April 23, 2021 survey performed by Wood in Figure 3, the waste materials that were deposited against the west slope of the 90-acre original CWSA had reached a typical elevation of approximately +160 feet (NAVD88), which was close to the bench elevation along the toe of the closed vertical expansion and approximately 15 feet below the top of the vertical expansion. The waste surface inside Cell 1 had a maximum elevation slightly above +166 feet (NAVD88) within the southeastern region of the Cell 1 footprint. Cell 1 was designed to have a maximum elevation of +175 feet (NAVD88), corresponding to a height of approximately 90 feet above natural grade.

Cell 1 was designed to provide a waste storage capacity of approximately 3.1 million cubic yards. The survey by MIKON on September 10, 2019 showed approximately 1.7 million cubic yards of consumed airspace in Cell 1. Based on the topographic survey performed by MIKON on September 30, 2020, the consumed airspace in Cell 1 increased to approximately 2.2 million cubic yards, with a remaining airspace of approximately 0.9 million cubic yards. The average airspace consumption rate between MIKON's September 10, 2019 and September 30, 2020 surveys was less than 0.5 million cubic yards per year.

A table that displays the waste volumes revealed by various topographic surveys since January 2015, as prepared by Wood, is included in Appendix 2. The summarized data indicated a consumed airspace of approximately 2.22 million cubic yards and a remaining airspace of 0.73 million cubic yards in Cell 1 on April 23, 2021 (i.e., the latest topographic survey date), for an estimated total waste storage capacity of approximately 3.0 million cubic yards. The average airspace consumption rate between Wood's two most recent surveys on October 5, 2020 and April 23, 2021 was approximately 0.40 million cubic yards. The average airspace consumption rate for the approximately 1-year span between Wood's survey of April 27, 2020 and April 23, 2020 was approximately 0.39 million cubic yards.

According to the waste records provided by OUC, approximately 1.63 million dry tons of ProMat were disposed of in Cell 1 between May 28, 2015 (i.e., the date when wastes were first placed inside Cell 1) and the end of 2020. Considering an average dry density of 72 lb/ft³, the total volume of ProMat in Cell 1 was computed to be approximately 1.68 million cubic yards at the end of 2020 and was projected to be approximately 1.77 million cubic yards on April 23, 2021 (i.e., the date of the most recent survey). Accordingly, the total volume of miscellaneous wastes that was disposed of in Cell 1 between May 28, 2015 and April 23, 2021 was back-calculated to be 0.45 million cubic yards (2.22 million cubic yards – 1.77 million cubic yards), corresponding to an average miscellaneous wastes deposition rate of approximately 76,000 cubic yards per year.

In summary, based on MIKON's latest survey data, as of September 30, 2020, the consumed airspace in Cell 1 was approximately 2.2 million cubic yards and the remaining airspace was approximately 0.9 million cubic yards. Based on Wood's latest survey data, as of April 23, 2021, the consumed airspace in Cell 1 was approximately 2.22 million cubic yards and the remaining airspace was approximately 0.73 million cubic yards. The overall average airspace consumption

rate between May 28, 2015 and September 30, 2020 (i.e., the date of MIKON's latest survey) was estimated to be 0.4 million cubic yards per year. The latest survey data obtained by Wood on October 5, 2020 and April 23, 2021 also showed the latest average airspace consumption rate between the two survey dates to be approximately 0.4 million cubic yards. At an average airspace consumption rate of 0.4 million cubic yards, the remaining airspace of Cell 1 will be depleted in approximately 1.83 years from April 23, 2021 (i.e., Cell 1 will reach its maximum storage capacity in February 2023). However, OUC should be mindful that the wastes generation rate and the projected remaining storage life in Cell 1 could vary, depending on energy production, facility maintenance activities, and the ash and sulfur contents of the coal used for power generation. As an example, it is known that coal with a high sulfur content will produce a substantially greater waste volume.

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.

Copies of the daily logs that relate to fugitive dust emissions for 2020 are included in Appendix 3. The daily logs indicated that water was applied proactively to the landfill and roadways whenever a fugitive dust release was observed, and that there were no instances in which dust was observed but corrective measures were not implemented. If needed, sweeper truck was used on the roadways when dust was observed.

Based on a review of the daily logs and observations on the date of our site visit, 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 assess the effectiveness of any fugitive dust control measures.

On-Site Rainfall

In 2020, a total of 50.82 inches of rainfall was recorded by the rain gauge installed near the Makeup Pond, which is located on the east side of the facility. The 2020 rainfall was only slightly above the annual rainfall of 50.73 inches for a normal year, based on historical rainfall data documented at the nearby Orlando International Airport Climatological Station for the 30-year period between 1981 and 2010.

As indicated previously, our visual inspection of Cell 1 was performed on March 2, 2021. The rain gauge recorded total monthly rainfalls of 0.78, and 1.66 in January and February 2021, respectively, with a total rainfall of 2.44 inches. The cumulative normal rainfall for these two months at the nearby Orlando International Airport Climatological Station is 4.73 inches. Accordingly, the cumulative on-site rainfall from January 1, 2021 through February 28, 2021 was below normal. No rain was recorded on March 1, 2021, but 0.05 inches of rain was recorded on March 2, 2021 (i.e., 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) during construction of Cell 1 in 2012.

The leachate pumping system for Cell 1 had become unreliable over the years and was not functioning properly for most of 2020. Therefore, leachate flow readings were not taken. When needed, OUC employed auxiliary diesel pumps to remove leachate from Cell 1 and discharge it via a force main to the CWSA Runoff Pond located east of the entire 250-acre CWSA.

During the design of Cell 2 in 2018, OUC decided to replace the entire leachate pumping system for Cell 1 as part of Cell 2 construction. On the date of our site visit, the leachate pumping system and associated control panels for Cell 1 had already been replaced, and the system was under testing and calibrations. The Cell 1 leachate pumping system is expected to be fully operational shortly.

Until the new leachate pumping system is fully functional, OUC should continue to use auxiliary pumps to remove any accumulated leachate in Cell 1 and discharge it to the CWSA Runoff Pond.

Weekly Inspections

An employee of Boral CM Services (the outside contractor retained by OUC for waste processing and landfill operation) inspected Cell 1 weekly in 2020. The weekly inspections covered the interior and exterior dike slopes, the leachate collection and leak detection systems, the flow totalizers, the drainage control structures, and the wet detention pond. The inspections also included the control panels and flow totalizers for the leak detection pump and the underdrain pump for the CWSA Runoff Pond, which receives leachate from Cell 1.

Copies of the weekly inspection reports for 2020, as provided to us by OUC, are included in Appendix 4. The following prominent items were noted from our review of the weekly inspection reports:

- Stripping of the north perimeter dike slope of Cell 1 for Cell 2 construction was noted in the weekly inspection report for January 6, 2020.
- The berm along the north perimeter dike slope was noted as removed in the weekly inspection reports from January 13, 2020 through June 8, 2020.
- The weekly inspection reports from June 15, 2020 through December 14, 2020 indicated that the tie-in to the adjacent Cell 2 bottom liner system was under construction.
- The weekly inspection reports from April 6, 2020 through June 8, 2020 described a new electrical duct bank was being constructed along the west perimeter dike of Cell 1.
- Animal damage to the west exterior dike slope was noted in the weekly inspection report for September 28, 2020, and the slope was subsequently repaired prior to the next weekly inspection.

- No significant erosions or washouts of the interior and exterior slopes of the containment and perimeter dikes around Cell 1 were observed.
- The leachate pumping system was not functional.
- An auxiliary pump was used for leachate removal during the January 6, 2020 and January 13, 2020 weekly inspections, but was out of service for upgrading of the pumping system for the remainder of 2020.
- Some of the pumps in the pump stations for the CWSA Runoff Pond were working during the January 6, 2020 through April 20, 2020 weekly inspections, but all of the pumps were out-of-service for upgrading during the remainder of 2020.
- Slope erosion in the stormwater detention pond caused by animal damage was noted in the weekly inspection reports from March 2, 2020 through April 20, 2020.
- The inlet and outlet structures for the wet detention pond were in good conditions with only limited encroachment by vegetation.

Regulatory Inspection

Mss. Amada M. Fernandez and Mary Powers of the FDEP Central District Office made a site visit and performed an inspection of the facility (FDEP Solid Waste Facility ID #97663) on December 1, 2020. They were accompanied by Mr. Charles Doud, P.E., of OUC.

Based on their inspection and review of information provided by OUC during and following the site visit, the FDEP determined that the facility complied with the FDEP rules and regulations, and that any non-compliance items which may have been identified at the time of the inspection have been corrected. No inspection items were deemed "Not Ok" on the inspection report. A copy of the FDEP inspection report is included in Appendix 5.

Annual Inspection

The sixth annual inspection of Cell 1 under the CCR Rule was conducted on March 2, 2021 by Messrs. Francis K. Cheung, P.E., and Jeyisanker Mathiyaparanam, P.E., of TT-AAI to observe the condition of Cell 1 as well as the conditions of the closed original CWSA, the closed vertical expansion, and other related facilities (e.g., haul road for transport of waste materials) that may affect the operation and safety of Cell 1. Our inspection, which was conducted primarily on foot, began at approximately 1:00 pm and ended around 4:00 pm.

At the time of our site visit, the weather was overcast and humid, with no wind and an air temperature of approximately 82°F. There was no rain during our inspection, although 0.05 inches of rainfall was recorded at the site on the date of our site visit (March 2, 2021). We did not observe any significant standing water or encounter any obvious wet areas during our inspection.

We began the landfill inspection by observing Cell 1 from the top of the closed vertical expansion, at an elevation of approximately +175 feet (NAVD88). The waste materials that had been deposited against the west slope of the 90-acre original CWSA (i.e., the lined slope area of Cell 1) were slightly above the base elevation of the closed vertical expansion (i.e., slightly above the

top elevation of the closed original CWSA). The waste surface was observed to be highest within the southeastern region of the Cell 1 footprint.

We observed the landfilling operation for approximately 30 minutes from the top of the vertical expansion. During our observations, a number of Caterpillar® articulated dump trucks were transporting waste materials into Cell 1, and one Caterpillar® D6N dozer was placing waste materials inside Cell 1. The dump trucks used the East Haul Road, which runs along the east side of the CWSA, to transport the waste materials into Cell 1 through the access ramp near the southeastern corner, and used the West Haul Road, which runs along the west side of the CWSA, to exit Cell 1 through the access ramp near the northeastern corner. The D6N dozer was spreading ProMat on the plateau in the middle of the western part of Cell 1. Based on the April 23, 2021 survey by Wood, the plateau had typical elevations varying between approximately +134 and +138 feet (NAVD88). We also observed a water truck spraying water to control dusting around the site.

The grass on the west slope of the closed vertical expansion and within the lined slope area of Cell 1, which extends from an elevation of approximately +158 feet (NAVD88) at the toe to an elevation of approximately +175 feet (NAVD88) at the crest, was short enough to allow visual inspection. The soil and grass cover in this area were generally in good conditions. However, there were a few minor bare spots and shallow erosion gullies. These bare spots and erosion gullies do not require any immediate corrective actions, but should be monitored, especially after heavy storm events. If soil erosion occurs in the bare spots or the shallow erosion gullies become wider or deeper, corrective measures should be implemented as part of routine landfill maintenance activities. The reverse bench at the base of the closed vertical expansion was also in a good condition and should be able to intercept non-contact stormwater runoff from the closed slope of the vertical expansion above the bench before it runs onto the Cell 1.

Our observations indicated that the entire lined base area of Cell 1 and the lined inside slope of the containment dike had been covered with waste materials.

The outside slope of the containment dike, and the inside and outside slopes of the perimeter dike, were generally in good conditions except for some areas with sparse grass cover. Although we did not observe any significant erosion gullies on the dike slopes at this time, OUC should continue to monitor the dike slopes and, if erosion is observed, should repair and then sod or seed the bare areas.

The two inlet structures on the south side of Cell 1, which are connected to pipes draining into the wet detention pond near its northwestern corner, were in good conditions. Uninterrupted water flow was observed in the drainage ditch and through the inlet structures at the time of our site visit.

The leachate pumping system and associated control panels had not been fully functional at the time of the inspection. It was observed that new control panels and the pumping system had been installed. Two skid-mounted auxiliary pumps were placed on the crest road of the west containment dike, with the intake placed inside Cell 1 on the west side. The auxiliary pump was not operating at the time of our site visit. There was no standing water above the sump areas in Cell 1, but some isolated shallow water puddles were observed.

Both the East and West Haul Roads were in good conditions, with minimal rutting, depression, and water puddles. The roads were approximately 50 feet wide, which should be sufficient for

two-way traffic by articulated dump trucks. No standing water was present in the drainage ditches adjacent to the haul roads, and no debris or waste materials were observed in the ditches.

During our site inspection on March 2, 2021, TT-AAI observed three groundwater monitoring wells near Cell 1. These three monitoring wells are designated MW-A, MW-8, and MW-10. Each of these monitoring wells was provided with a concrete pad and a metal protective casing. MW-A is located outside the southeastern corner of Cell 1. MW-10 is located south of Cell 1, and MW-8 is located near the southwestern corner of Cell 1. All three monitoring wells appeared to be in good conditions.

Selected photographs taken during our site inspection on March 2, 2021 are included in Appendix 6.

Summary and Recommendations

Below are the summary and our recommendations from the 2021 annual landfill inspection under the CCR Rule:

- The waste materials that were deposited against the west slope of the closed original CWSA had reached a typical elevation of approximately +160 feet (NAVD88), which was slightly above the top elevation of the closed original CWSA (i.e., the bottom elevation of the closed vertical expansion).
- The waste surface inside Cell 1 had a maximum elevation slightly above +166 feet (NAVD88).
- Cell 1 was designed to have a maximum elevation of +175 feet (NAVD88), corresponding to a height of approximately 90 feet above natural grade.
- The consumed and remaining airspace in Cell 1 on April 23, 2021 were estimated to be 2.22 and 0.73 million cubic yards, respectively.
- The latest airspace consumption rate in Cell 1 was estimated to be 0.4 million cubic yards per year, which included a miscellaneous wastes deposition rate of approximately 0.08 million cubic yards per year.
- Considering an airspace consumption rate of 0.4 million cubic yards per year, Cell 1 would reach its maximum storage capacity in February 2023.
- No changes to the CCR Fugitive Dust Control Plan and fugitive dust control measures are necessary, but OUC should continue to monitor fugitive dust emissions and assess the effectiveness of fugitive dust control measures.
- The leachate flow records for Cell 1 in 2020 were not available because the leachate pumping system had become unreliable over the years and was not functioning properly for most of 2020, which required OUC to employ auxiliary pumps to remove leachate.
- The original leachate pumping system for Cell 1 is being replaced with a new system as part of the Cell 2 construction.

- Until the new leachate pumping system is in-place and fully functional, OUC should continue to use auxiliary pumps to remove any accumulated leachate in Cell 1 and discharge it to the CWSA Runoff Pond.
- Except for the faulty leachate pumping system, which is being replaced, the action items noted on the weekly landfill inspection reports were part of routine landfill maintenance activities.
- OUC or its landfill contractor should continue to inspect Cell 1 and related facilities on a weekly basis and after heavy storm events.
- Following their site inspection on December 1, 2020, the FDEP stated that the waste disposal area at the Stanton Energy Center complied with the FDEP rules and regulations, with no inspection items considered "Not Ok" on their inspection report.
- The 2021 annual inspection showed 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 1.
- Other than the faulty leachate pumping system, which is being replaced, the 2021 annual inspection did not reveal any items or issues that require immediate corrective measures.
- Observations during the 2021 annual inspection indicated that placement and compaction of waste materials in Cell 1 were performed in a satisfactory manner.
- The entire lined base area of Cell 1 and the lined inside slope of the containment dike had been covered with waste materials.
- Some isolated bare spots and shallow erosion gullies observed during the 2021 annual inspection should continue to be monitored by OUC.
- As part of routine landfill maintenance activities, bare spots should be sodded or seeded to minimize erosion, and erosion gullies should be repaired and then sodded or seeded.

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 by 40 CFR § 257.105(g)(9); (ii) the State Director¹ 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:

¹ 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."

"... 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)."

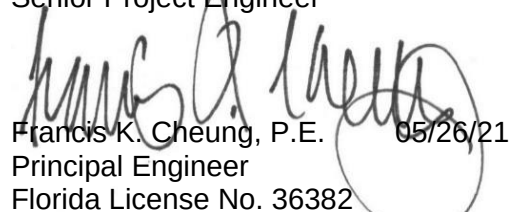
TT-AAI interprets this to mean that the next annual CCR landfill inspection should be completed and the inspection report should be placed in the operating record at the Stanton Energy Center within one year of the date that this report is officially placed in the operating record. Accordingly, we recommend the next annual inspection of Cell 1 be performed in early 2022.

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.
Senior Project Engineer



Francis K. Cheung, P.E. 05/26/21
Principal Engineer
Florida License No. 36382

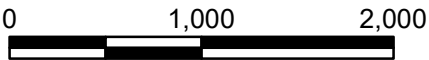
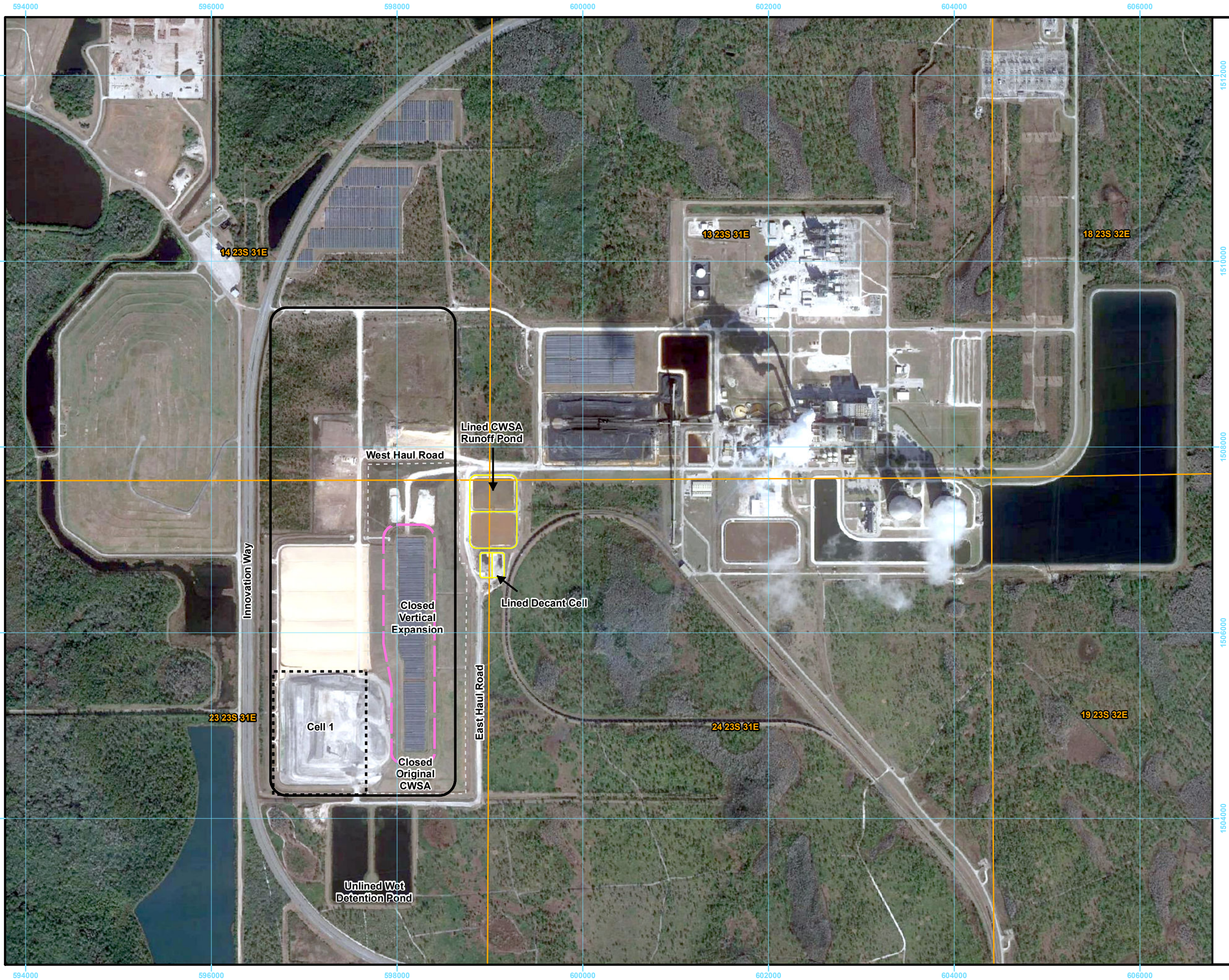


Enclosures

Francis K Cheung Digitally signed by Francis K
Cheung
Date: 2021.05.26 06:26:52 -04'00'

This item has been electronically signed and sealed by Francis K. Cheung 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.



Scale: 1" = 1,000'

SOURCE: AERIAL IMAGERY FLOWN
JANUARY 9, 2021
BY GOOGLE EARTH.

Legend

- Cell 1
- 250-Acre Area
- Closed Vertical Expansion
- Original CWSA Limits
- PLSS



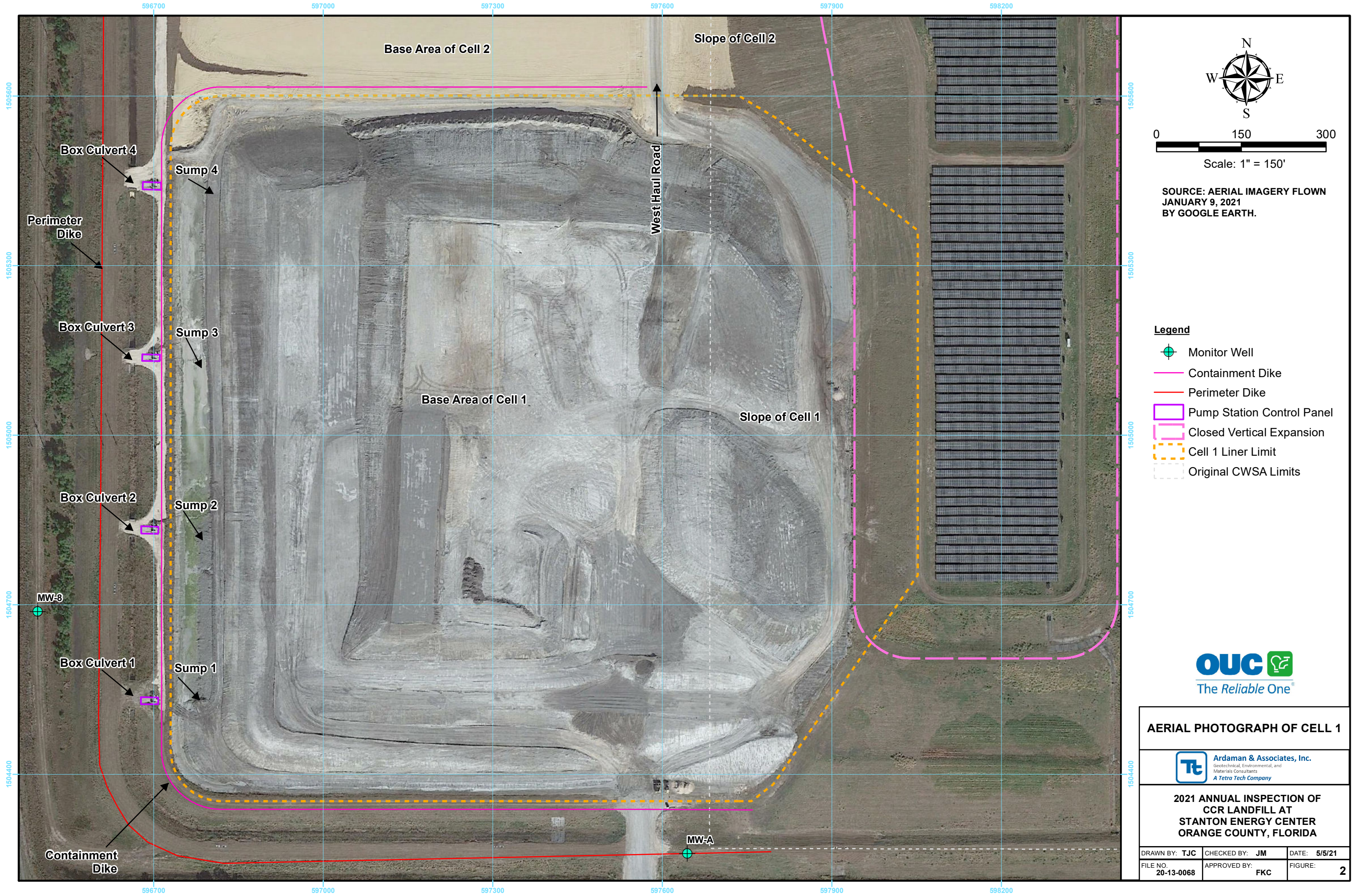
SITE PLAN



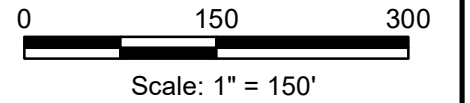
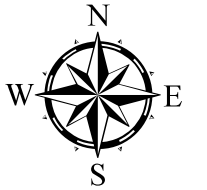
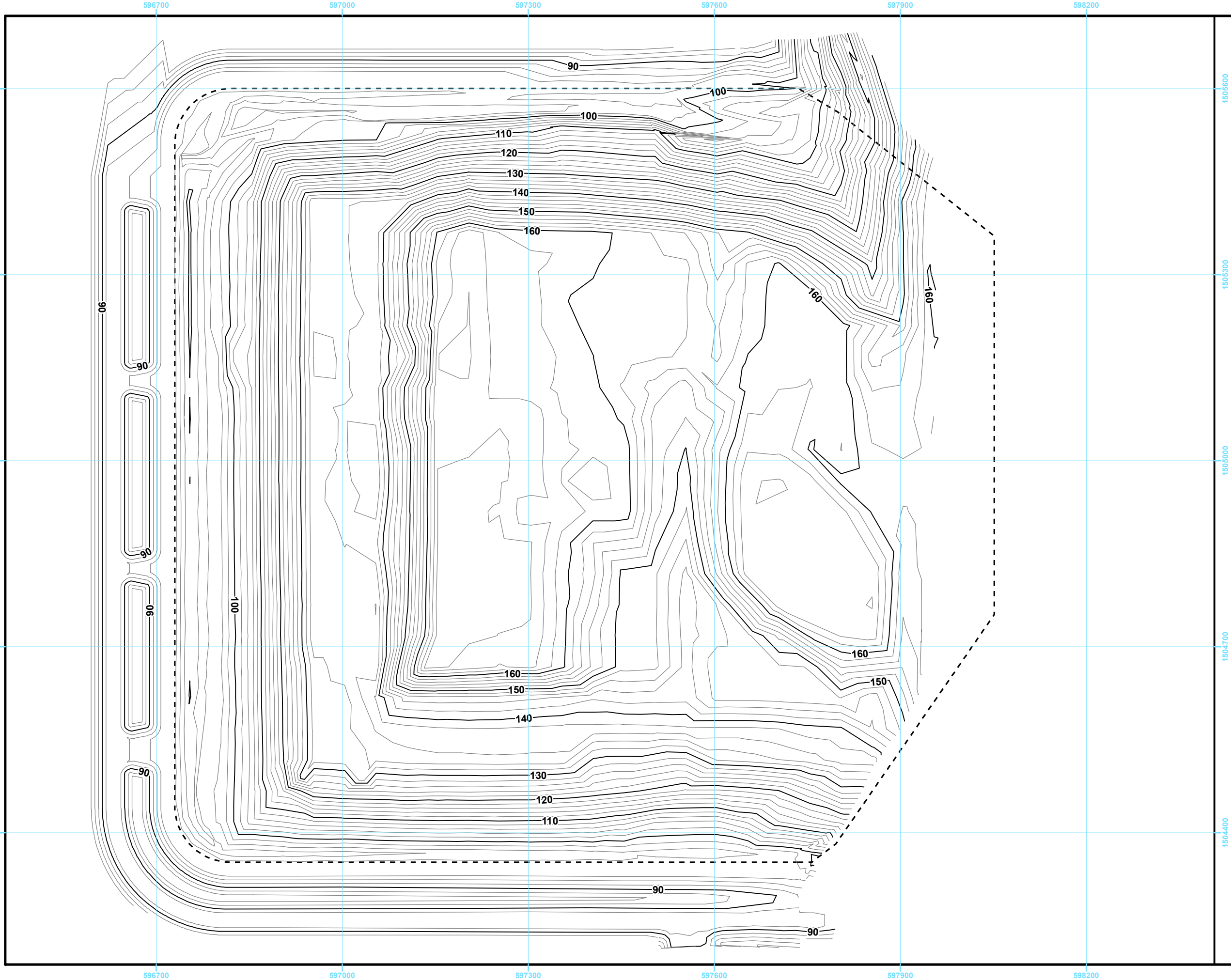
**2021 ANNUAL INSPECTION OF
CCR LANDFILL AT
STANTON ENERGY CENTER
ORANGE COUNTY, FLORIDA**

DRAWN BY: TJC	CHECKED BY: JM	DATE: 5/5/21
FILE NO. 20-13-0068	APPROVED BY: FKC	FIGURE: 1

W:\Projects\2020\20-13-0068_OUC\ArcGIS\Ard.ayouls\20210505\Annotated Aerial Photograph.mxd



W:\Projects\2020\20-13-0068_OUC\ArcGIS\Ard.ayouis\20210505\Topography Cell 1 20210423.mxd



SOURCE: TOPOGRAPHIC SURVEY
BY WOOD ENVIRONMENT &
INFRASTRUCTURE SOLUTIONS,
INC., APRIL 23, 2021.

Legend

- 1' Contour
- 5' Contour
- Cell 1 Liner Limit



04/23/2021
SURVEY OF CELL 1



**2021 ANNUAL INSPECTION OF
CCR LANDFILL AT
STANTON ENERGY CENTER
ORANGE COUNTY, FLORIDA**

DRAWN BY: TJC	CHECKED BY: JM	DATE: 5/6/21
FILE NO. 20-13-0068	APPROVED BY: FKC	FIGURE: 3

Appendix 1

**Topographic Surveys by MIKON on
September 10, 2019 and September 30, 2020**

September 19, 2019

Mr. Brian Moore
Orlando Utilities Commission
5100 South Alafaya Trail
Orlando, FL 32831-2001

RE: Stanton Energy Center
Ash Landfill

Dear Mr. Moore:

We have completed the volume determinations of the horizontal expansion of the Fly Ash Landfill at the Stanton Energy Center. The volume of the horizontal area is reported as total volume referenced to base. Total volume includes active and capped (if any) areas. The results are as follows:

VOLUMES

Date of Survey: September 10, 2019

Area	Reference Datum	Type of Volume	Fill (cy)	Cut (cy)
Horizontal	Base ¹	Total	1,670,512	168

¹ Base model developed by MIKON Corporation from survey data obtained September 2013 and the surface of adjacent cell to the east surveyed in 2014..

Attached is a site topography drawing both in paper format and on disk. Should you have any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us. We appreciate the opportunity to provide our services to Orlando Utilities.

Respectfully submitted,

MIKON Corporation

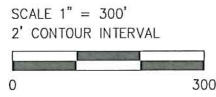
Bryan W. Davis

Barbara Jane Patrick

BWD/BJP:js

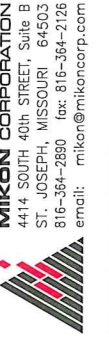
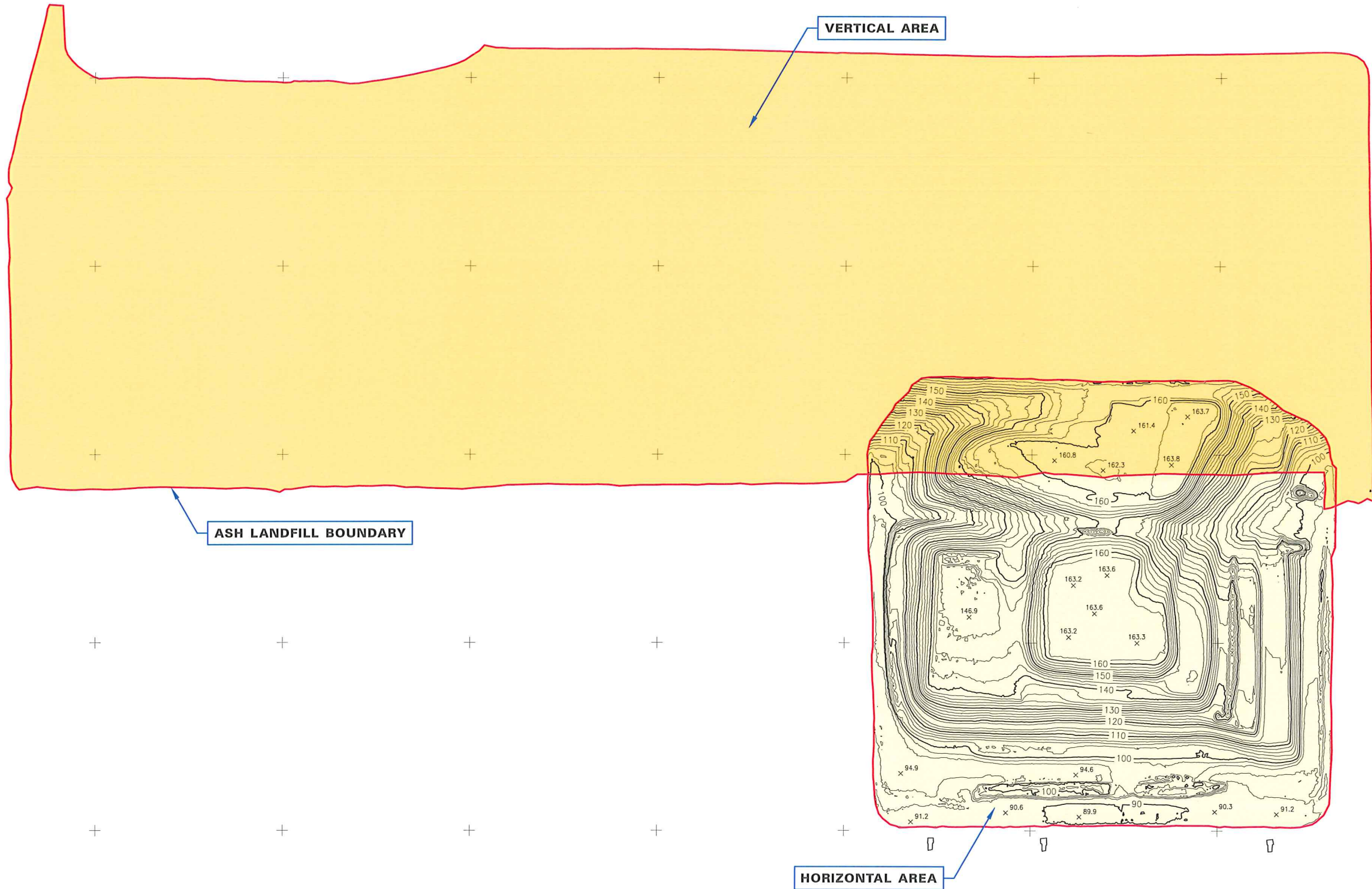
Attachments: Landfill Topography Drawing (11 x 17) and CD





SHEET NOTES:
1. FIELD WORK AND MAPPING FOR LANDFILL TOPOGRAPHY PROVIDED BY MIKON CORPORATION.

ASH LANDFILL			
	VERTICAL AREA	=	93.4 ACRES
	HORIZONTAL AREA	=	26.4 ACRES
	TOTAL AREA	=	<u>119.8 ACRES</u>



ORLANDO UTILITIES COMMISSION
STANTON ENERGY CENTER

ASH
LANDFILL
TOPOGRAPHY

DATE: 9/18/19

SHEET 1 of 1

October 7, 2020

Mr. Brian Moore
Orlando Utilities Commission
5100 South Alafaya Trail
Orlando, FL 32831-2001

RE: Stanton Energy Center
Ash Landfill

Dear Mr. Moore:

We have completed the volume determinations of the horizontal expansion of the Fly Ash Landfill at the Stanton Energy Center. The volume of the horizontal area is reported as total volume referenced to base. Total volume includes active and capped (if any) areas. The results are as follows:

VOLUMES

Date of Survey: September 30, 2020

Area	Reference Datum	Type of Volume	Fill (cy)	Cut (cy)
Horizontal	Base ¹	Total	2,043,473	173

¹ Base model developed by MIKON Corporation from survey data obtained September 2013 and the surface of adjacent cell to the east surveyed in 2014..

Attached is a site topography drawing both in paper format and on disk. Should you have any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us. We appreciate the opportunity to provide our services to Orlando Utilities.

Respectfully submitted,

MIKON Corporation

Bryan W. Davis

Barbara Jane Patrick

BWD/BJP:js

Attachments: Landfill Topography Drawing (11 x 17) and CD





SCALE 1" = 300'
2' CONTOUR INTERVAL
0 300

DATE OF SURVEY: SEPTEMBER 30, 2020

SHEET NOTES:

1. FIELD WORK AND MAPPING FOR LANDFILL TOPOGRAPHY PROVIDED BY MIKON CORPORATION.

PERMITTED AREA = 315.1 ACRES

ASH LANDFILL
VERTICAL AREA = 93.4 ACRES
HORIZONTAL AREA = 26.4 ACRES
TOTAL AREA = 119.8 ACRES

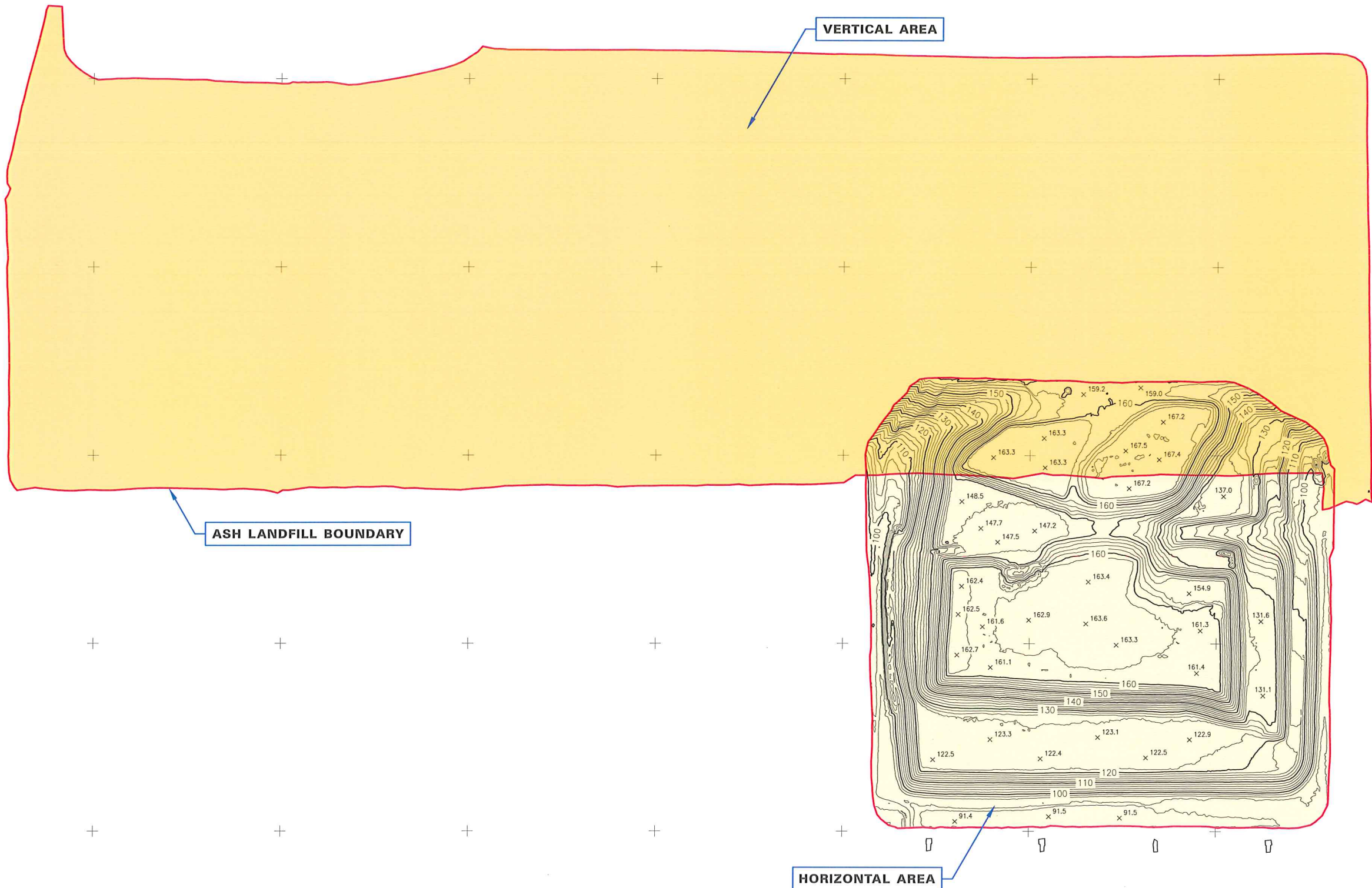
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E 442,500

N 1,507,500
E 443,000

N 1,504,000
E 443,000

N 1,508,000
E 440,500

N 1,504,000
E 440,500



ORLANDO UTILITIES COMMISSION

STANTON ENERGY CENTER

ASH
LANDFILL
TOPOGRAPHY

DATE: 10/6/20

SHEET 1 of 1

FILE NAME: STANTON_LF_09_20
DRAWN BY: DHS
CHECKED BY: BJP

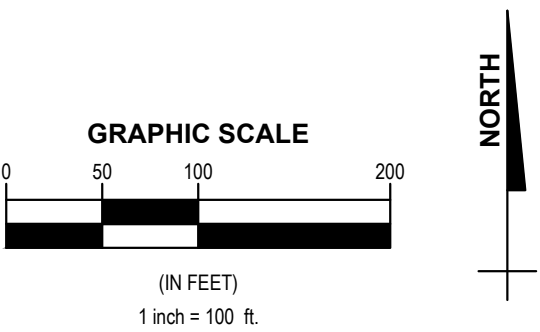
Appendix 2

**Topographic and Material Quantity Surveys
by Wood on April 27, 2020, October 5, 2020, and April 23, 2021**

Map of Topographic / Quantity Survey
of
Horizontal Expansion of Combustion Waste Storage Area - Cell 1

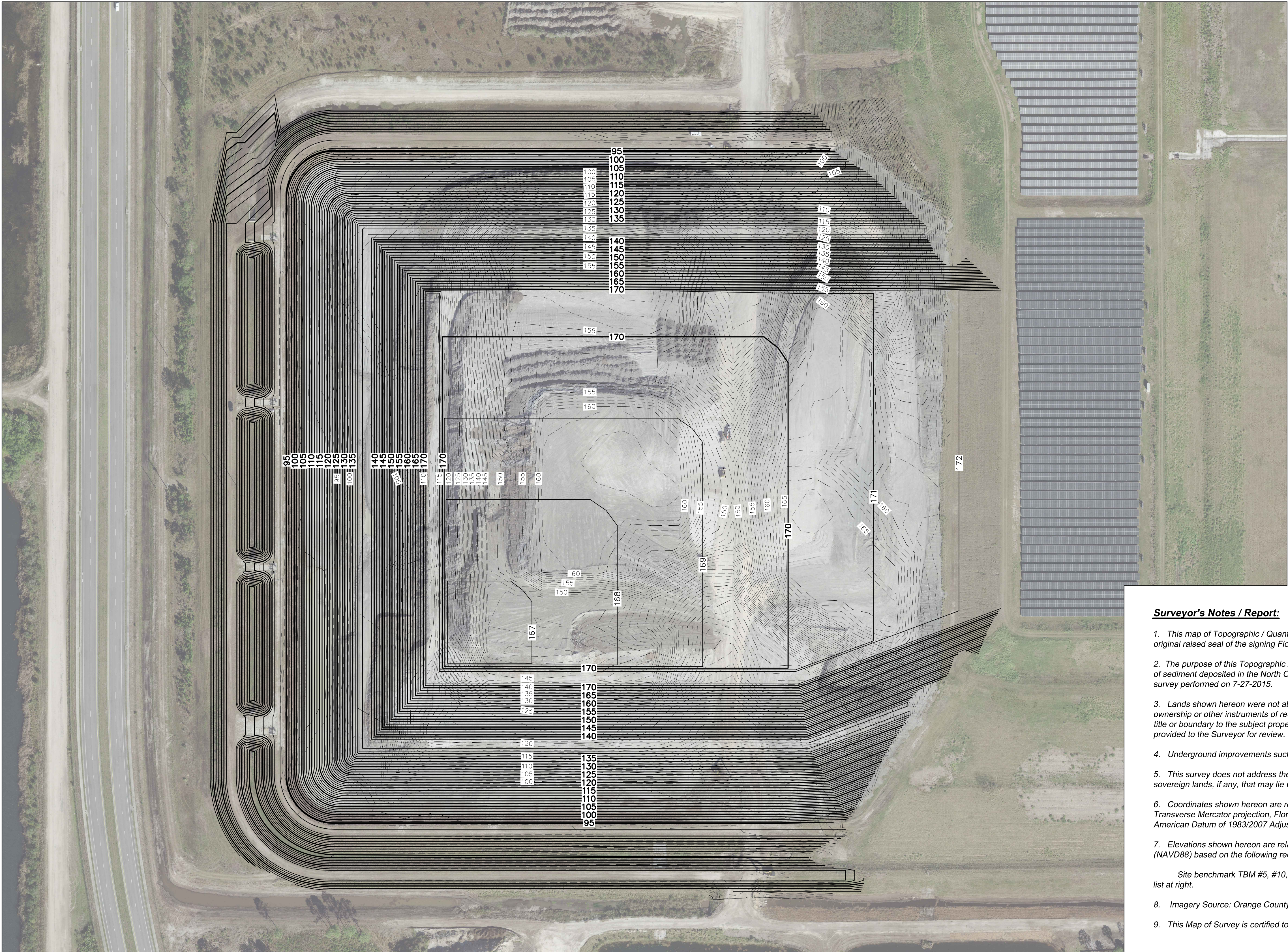
Located in
Curtis H. Stanton Energy Center
Orange County, Florida

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
JUL 2016	23,903.85	720.50	23,183.35
AUG 2016	45,680.73	552.65	45,128.08
SEP 2016	35,277.88	2,717.19	32,560.69
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	177,218.68	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
SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
VOLUME REMAINING FROM APR 2020 TO FINAL DESIGN	1,125,213.17	5,881.53	1,119,331.64



PRELIMINARY

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



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.
- The purpose of this Topographic / Quantity survey is to depict and develop the quantity of sediment deposited in the North Coal Storage Runoff Pond since the initial topographic survey performed on 7-27-2015.
- 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 1983/2007 Adjustment.
- Elevations shown hereon are relative to the North American Vertical Datum of 1988 (NAVD88) based on the following recovered or reset benchmarks:

Site benchmark TBM #5, #10, #12, #13, #14, #15, #16, #53 and #54 as noted and list at right.
- Imagery Source: Orange County, Florida , date: 2014
- This Map of Survey is certified to: ORLANDO UTILITIES COMMISSION

Legend

- = Final Design Major Elevation
- = Final Design Minor Elevation
- - - = Current Major Elevation (Apr 27, 2020)
- - - = Current Minor Elevation (Apr 27, 2020)
- - - = Cubic Yards
- SF = Square Feet

Prepared by:

Wood Environment & Infrastructure Solutions, Inc.
550 Northlake Boulevard, Suite 1000
Altamonte Springs, FL 32701 USA
Phone: (407) 522-7570
www.woodinc.com
Certificate of Authorization Number LB-3007892



OUC
The Reliable One

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

Project Title: Map of Topographic / Quantity Survey
Horizontal Expansion of Combustion Waste Storage Area - Cell 1

County: Brevard County, Florida
Field Books: 1423
Office No.: 6374, 18, 1079
Dwg Name: null surface compare, p-AllWell.dwg

Dwg. Date: May 8, 2020
Photo Date: Jan 1, 2019
Drawn by: JSP
Checked by: RMJ

Date: _____
Revision: _____
Date: _____
Revision: _____
Date: _____
Revision: _____

Sheet No.: 1 of 1

Prepared for:

wood.

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
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
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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
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

SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
VOLUME REMAINING FROM SEP 2020 TO FINAL DESIGN	954,895.05	7,744.93	947,150.12

GRAPHIC SCALE
0 50 100 200
(IN FEET)

NORTH

ROBERT MICHAEL JONES
4201
STATE OF
FLORIDA
PROFESSIONAL SURVEYOR AND MAPPER
LICENSE No. LS 4201

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

Surveyor's Notes / Report:

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Site benchmark TBM #5, #10, #12, #13, #14, #15, #16, #53 and #54 as noted and list at right.
- Imagery Source: Orange County, Florida , date: 2014
- This Map of Survey is certified to: ORLANDO UTILITIES COMMISSION

Legend

- = Final Design Major Elevation
- = Final Design Minor Elevation
- = Current Major Elevation (Sep 30, 2020)
- = Current Minor Elevation (Sep 30, 2020)
- CY = Cubic Yards
- SF = Square Feet

Field survey dates 9/28/20 to 10/05/20

Prepared by:

wood.

Wood Environment & Infrastructure Solutions, Inc.
550 Northlake Boulevard, Suite 1000
Altamonte Springs, FL 32701 USA
Phone: (407) 522-7570
www.woodinc.com
Certificate of Authorization Number LB-3007892

Prepared for:

Project Title:	County:	Dwg. Date:	Photo Date:	Date	Revision	Date	Revision	Date	Revision
Horizontal Expansion of Combustion Waste Storage Area - Cell 1	Brevard County, Florida	1423	1423	Oct 14, 2020		Jan 1, 2019			
		Field Books:	Office No.:	Drawn by:	Checked by:				
		6374, 18, 1079	6374, 18, 1079	JSP	RMJ				
		Dwg Name null surface compes_#5320.dwg							

Sheet No.	1 of 1
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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
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
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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
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AUG 2017	30,516.37	1,725.25	28,791.12
SEP 2017	37,960.57	2,102.78	35,857.79
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MAY 2018	95,418.82	57,003.63	38,415.19
JUL 2018	177,218.68	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	67,009.81	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

SURFACE	FILL (CY)	CUT (CY)	NET FILL (CY)
VOLUME REMAINING FROM APR 2021 TO FINAL DESIGN	734,820.79	8,685.81	726,134.98

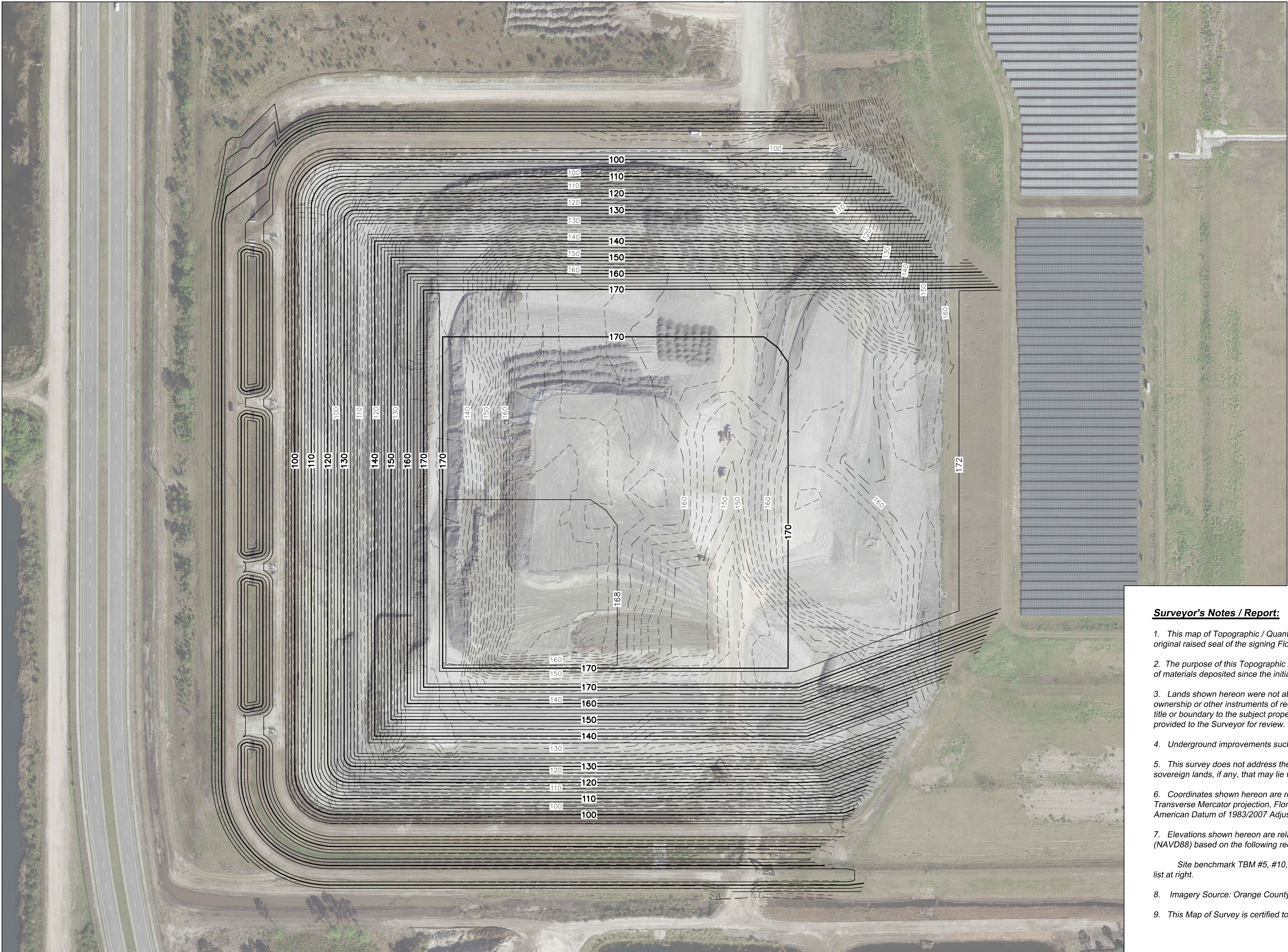
GRAPHIC SCALE

0 50 100 200

(IN FEET)

NORTH

ROBERT MICHAEL JONES
4201
STATE OF FLORIDA
PROFESSIONAL SURVEYOR AND MAPPER
LICENSE No. LS 4201



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.
- The purpose of this Topographic / Quantity survey is to depict and develop the quantity of materials deposited since the initial topographic survey performed on in January 2015.
- 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 1983/2007 Adjustment.
- Elevations shown hereon are relative to the North American Vertical Datum of 1988 (NAVD88) based on the following recovered or reset benchmarks:

Site benchmark TBM #5, #10, #12, #13, #14, #15, #16, #53 and #54 as noted and list at right.
- Imagery Source: Orange County, Florida , date: 2019
- This Map of Survey is certified to: ORLANDO UTILITIES COMMISSION

Legend

- = Final Design Major Elevation
 - = Final Design Minor Elevation
 - - - - - = Current Major Contour Elevation (Apr 23, 2021)
 - - - - - = Current Minor Contour Elevation (Apr 23, 2021)
 - CY = Cubic Yards
 - SF = Square Feet
- Field survey last day in field 4/23/21

Prepared by:

Wood Environment & Infrastructure Solutions, Inc.

550 Northlake Boulevard, Suite 1000
Altamonte Springs, FL 32701 USA
Phone: (407) 522-7570
www.woodinc.com
Certificate of Authorization Number LB-3007892

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

Horizontal Expansion of Combustion Waste Storage Area - Cell 1

Curtis H. Stanton Energy Center
Orange County, Florida

wood.

Sheet No. 1 of 1

Project Title: Map of Topographic / Quantity Survey
Horizontal Expansion of Combustion Waste Storage Area - Cell 1
Prepared for: ORLANDO UTILITIES COMMISSION

County: Brevard County, Florida
Field Book: 6374, 18, 1079
Office No.: 6374, 18, 1079
Dwg Name: 2021-04 Expansion Cell 1.dwg

Dwg. Date: Apr 30, 2021
Photo Date: Jan 1, 2019
Drawn by: JSP
Checked by: RMJ

Date: _____
Revision: _____
Date: _____
Revision: _____

Prepared for: ORLANDO UTILITIES COMMISSION

Project Title: Map of Topographic / Quantity Survey

Horizontal Expansion of Combustion Waste Storage Area - Cell 1

Curtis H. Stanton Energy Center

Orange County, Florida

Sheet No. 1 of 1

Project Title: Map of Topographic / Quantity Survey

Horizontal Expansion of Combustion Waste Storage Area - Cell 1

Curtis H. Stanton Energy Center

Orange County, Florida

Sheet No. 1 of 1

Project Title: Map of Topographic / Quantity Survey

Horizontal Expansion of Combustion Waste Storage Area - Cell 1

Curtis H. Stanton Energy Center

Orange County, Florida

Sheet No. 1 of 1

Appendix 3

Fugitive Dust Daily Logs for 2020

Daily Dust Log

DATE:1-3-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-6-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-7-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: _1-8-2020__

TIME: _0800__

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-9-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-10-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-13-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-14-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-15-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-16-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-17-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_1-20-2020__

TIME:_0800__

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-21-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-22-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-23-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_1-24-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-27-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-28-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:1-29-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_1-30-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-3-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-4-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-5-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_2-6-2020__

TIME:_0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-13-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-14-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-17-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_2-18-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 2-19-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 2-20-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 2-21-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 2-24-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:2-25-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-26-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-27-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:2-28-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-2-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-3-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-4-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_3-5-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-6-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-9-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-10-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_3-11-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-12-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-13-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-16-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_3-17-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-18-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:3-19-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:3-20-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 3-23-2020__

TIME: 0800__

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:3-24-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-25-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-26-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_3-27-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-30-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:3-31-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-1-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_4-2-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-3-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-6-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-7-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_4-8-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-9-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-10-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-13-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_4-14-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-15-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-16-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-17-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_4-20-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-21-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-22-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-23-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_4-24-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-27-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-28-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:4-29-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_4-30-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-7-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-8-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-11-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_5-12-2020__

TIME:_0800__

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-13-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-14-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-15-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_5-18-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-19-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-20-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-21-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_5-22-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 5-25-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 5-26-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 5-27-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 5-28-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:5-29-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-1-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-2-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_6-3-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-4-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-5-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-8-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_6-9-2020__

TIME: _0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-10-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-11-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-12-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_6-15-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-16-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-17-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:6-18-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:_6-19-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 7-8-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-9-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-10-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: _7-13-2020__

TIME: _0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-14-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 7-15-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 7-16-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 7-17-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE: 7-20-2020

TIME: 0800

INITIALS: RH

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-21-2020

TIME: 0800

INITIALS: RH

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-22-2020

TIME: 0800

INITIALS: RH

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-23-2020

TIME: 0800

INITIALS: RH

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-24-2020

TIME: 0800

INITIALS: RH

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-27-2020

TIME: 0800

INITIALS: RH

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-28-2020

TIME: 0800

INITIALS: RH

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE: 7-29-2020

TIME: 0800

INITIALS: RH

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:8-18-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:8-19-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:8-20-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:_8-21-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:8-24-2020__

TIME:___0800___

INITIALS:___ RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:8-25-2020__

TIME:___0800___

INITIALS:___ RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:8-26-2020__

TIME:___0800___

INITIALS:___ RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:_8-28-2020__

TIME:___0800___

INITIALS:___ RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:8-28-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:8-31-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-1-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-2-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-3-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-4-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-7-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-8-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-9-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-10-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-11-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-14-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-15-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-16-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-17-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-18-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-21-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:9-22-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:9-23-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:9-24-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:9-25-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-28-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-29-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:9-30-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-1-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:10-2-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:10-5-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:10-6-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:10-7-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-8-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-9-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-12-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-13-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-14-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-15-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-16-2020__

TIME: __0800__

INITIALS: __RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-13-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:10-14-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:10-15-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:10-16-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:10-23-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-24-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-25-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-26-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-29-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:10-30-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-2-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-3-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-4-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:11-5-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:11-6-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:11-9-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:11-10-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-11-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-12-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-13-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-16-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-17-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-18-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-20-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-19-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-20-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-23-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-24-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:11-25-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:11-26-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:11-27-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:11-30-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-1-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-2-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-3-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-4-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-7-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-8-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-9-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-10-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-7-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-8-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-9-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-10-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-11-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-14-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-15-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-16-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-17-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-18-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-21-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-22-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-23-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-24-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-28-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-29-2020__

TIME:___0800___

INITIALS:___RH___

Is there any dust observed coming from roadways or landfill ?	YES	NO
Was water applied to landfill ?	YES	NO
Was water applied to roadways ?	YES	NO
Was the sweeper truck operated on roadways ?	YES	NO
If dust was observed; why was the sweeper truck or water truck NOT used ?		

Daily Dust Log

DATE:12-30-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:12-31-2020__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Daily Dust Log

DATE:__

TIME:__0800__

INITIALS:__RH__

Is there any dust observed coming from roadways or landfill ?

YES

NO

Was water applied to landfill ?

YES

NO

Was water applied to roadways ?

YES

NO

Was the sweeper truck operated on roadways ?

YES

NO

If dust was observed; why was the sweeper truck or water truck NOT used ?

Appendix 4

Weekly Landfill Inspection Reports for 2020

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 1/6/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction stripping slope

Good

Good

Interior Slope Conditions

North
West
South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

P1-yes / P4-no

Leachate Pump Operations

P1-pump running in hand /p4-off

Leak Detection Pump Alarms

P2-no / P3-yes

Leak Detection Pump Operations

P2-sump level 15/P3-flowmeter1 fault

West End Landfill

Water Level

Good

Auxillary Pump Operations

Pump3 on All other pumps out of service

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

None

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 1/13/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction removed berm for liner tie in
Good
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

P1-yes / P4-no
P1-pump running in hand /p4-off
P2-no / P3-yes
P2-sump level 15/P3-flowmeter1 fault

West End Landfill

Water Level
Auxillary Pump Operations

Good
Pump3 on All other pumps out of service

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

None
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 2/10/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Good

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

P1=yes / P4=no

Leachate Pump Operations

P1=pump running in hand /p4-off

Leak Detection Pump Alarms

P2=no / P3=yes

Leak Detection Pump Operations

P2=ump level 15/P3-flowmeter1 fault

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

None

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 2/3/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Good

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

P1=yes / P4=no

P1=pump running in hand /p4-off

P2=no / P3=yes

P2-sump level 16/P3-flowmeter1 fault

West End Landfill

Water Level

Auxillary Pump Operations

Good

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

None

Good

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 1/27/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction removed berm for liner tie in
Good
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

P1=yes / P4=no
P1-pump running in hand /p4-off
P2=no / P3=yes
P2-sump level 15/P3-flowmeter1 fault

West End Landfill

Water Level
Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

None
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 3/2/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Good

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

P1=yes / P4=no

P1-pump running in hand /p4-off

P2=no / P3=yes

P2-sump level 15/P3-flowmeter1 fault

West End Landfill

Water Level

Auxillary Pump Operations

Good

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

Animal damage

Good

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 3/9/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Good

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

P1-yes / P4-no

Leachate Pump Operations

P1-pump running in hand /p4-off

Leak Detection Pump Alarms

P2-no / P3-yes

Leak Detection Pump Operations

P2-sump level 16/P3-flowmeter1 fault

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Animal damage

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 3/16/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Good

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

P1=yes / P4=no

P1=pump running in hand /p4-off

P2=no / P3=yes

P2=sump level 14/P3-flowmeter1 fault

West End Landfill

Water Level

Auxillary Pump Operations

Good

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

Animal damage

Good

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 3/23/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Good

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

P1=yes / P4=no

P1=pump running in hand /p4-off

P2=no / P3=yes

P2-sump level 14/P3-flowmeter1 fault

West End Landfill

Water Level

Auxillary Pump Operations

Good

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

Animal damage

Good

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 3/30/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction removed berm for liner tie in
Good
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

P1-yes / P4-no
P1-pump running in hand /p4-off
P2-no / P3-yes
P2-sump level 15/P3-flowmeter1 fault

West End Landfill

Water Level
Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

Animal damage
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 4/6/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction removed berm for liner tie in
Cell 2 construction installing new duct bank
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

P1-yes / P4-no
P1-pump running in hand /p4-off
P2-no / P3-yes
P2-sump level 15/P3-flowmeter1 fault

West End Landfill

Water Level
Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

Animal damage
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 4/13/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Cell 2 construction installing new duct bank

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

P1=yes / P4=no

Leachate Pump Operations

P1=pump running in hand /p4-off

Leak Detection Pump Alarms

P2=no / P3=yes

Leak Detection Pump Operations

P2=sump level 16/P3-flowmeter1 fault

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Animal damage

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 4/20/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Cell 2 construction installing new duct bank

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

P1=yes / P4=no

Leachate Pump Operations

P1-pump running in hand /p4-off

Leak Detection Pump Alarms

P2=yes / P3=yes

Leak Detection Pump Operations

P2-sump level 15/P3-flowmeter1 fault

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Animal damage

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 4/27/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction removed berm for liner tie in
Cell 2 construction installing new duct bank
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

Under construction upgrading
Under construction (upgrading)
Under construction (upgrading)
Under construction (upgrading)

West End Landfill

Water Level
Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

minimal
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 5/4/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction removed berm for liner tie in
Cell 2 construction installing new duct bank
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

Under construction upgrading
Under construction (upgrading)
Under construction (upgrading)
Under construction (upgrading)

West End Landfill

Water Level
Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

minimal
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 5/11/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Cell 2 construction installing new duct bank

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

Under construction upgrading

Under construction (upgrading)

Under construction (upgrading)

Under construction (upgrading)

West End Landfill

Water Level

Auxillary Pump Operations

Good

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

minimal

Good

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 5/18/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in
Cell 2 construction installing new duct bank
Good

Interior Slope Conditions

North

West

South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

Under construction upgrading
Under construction (upgrading)
Under construction (upgrading)
Under construction (upgrading)

West End Landfill

Water Level

Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

minimal
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 5/25/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Cell 2 construction removed berm for liner tie in

Cell 2 construction installing new duct bank

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

Under construction upgrading

Under construction (upgrading)

Under construction (upgrading)

Under construction (upgrading)

West End Landfill

Water Level

Auxillary Pump Operations

Good

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

minimal

Good

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 6/1/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction removed berm for liner tie in
Cell 2 construction installing new duct bank
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

Under construction upgrading
Under construction (upgrading)
Under construction (upgrading)
Under construction (upgrading)

West End Landfill

Water Level
Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

minimal
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 6/8/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Cell 2 construction removed berm for liner tie in
Cell 2 construction installing new duct bank
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

Under construction upgrading
Under construction (upgrading)
Under construction (upgrading)
Under construction (upgrading)

West End Landfill

Water Level
Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

minimal
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 6/15/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 7/20/2020

Berms

Observations

Exterior Slope Conditions

North

West

South

Under construction tie in to cell2

Minimal erosion

Good

Interior Slope Conditions

North

West

South

Minimal erosion

Minimal erosion

Minimal erosion

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

Under construction upgrading

Under construction (upgrading)

Under construction (upgrading)

Under construction (upgrading)

West End Landfill

Water Level

Auxillary Pump Operations

Good

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

minimal

Good

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 7/27/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 8/17/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 8/24/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 8/31/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 8/10/2020

Berms

Observations

Exterior Slope Conditions

North
West
South

Under construction tie in to cell2
Minimal erosion
Good

Interior Slope Conditions

North
West
South

Minimal erosion
Minimal erosion
Minimal erosion

Pump Stations

Leachate Pump Alarms
Leachate Pump Operations
Leak Detection Pump Alarms
Leak Detection Pump Operations

Under construction upgrading
Under construction (upgrading)
Under construction (upgrading)
Under construction (upgrading)

West End Landfill

Water Level
Auxillary Pump Operations

Good
All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion
Inlet & Outlet Structure Condition
Vegetation

minimal
Good
Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Inspector:

Robert Hord

Inspector Signature:

Robert Hord

Week of Inspection:

9/7/2020

Berms

Exterior Slope Conditions

North

West

South

Interior Slope Conditions

North

West

South

Pump Stations

Leachate Pump Alarms

Leachate Pump Operations

Leak Detection Pump Alarms

Leak Detection Pump Operations

West End Landfill

Water Level

Auxiliary Pump Operations

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

Inlet & Outlet Structure Condition

Vegetation

minimal

Good

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Observations

Under construction tie in to cell 2

Minimal erosion

Good

Minimal erosion

Minimal erosion

Minimal erosion

Under construction upgrading

Under construction (upgrading)

Under construction (upgrading)

Under construction (upgrading)

All pumps out of service /upgrading

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 9/14/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 9/21/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 9/28/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Animal damage

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 10/5/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 10/12/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 10/19/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 10/26/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 11/2/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 11/9/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

Leachate Pump Operations

Under construction (upgrading)

Leak Detection Pump Alarms

Under construction (upgrading)

Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: Robert Hord

Week of Inspection: 11/16/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

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Leak Detection Pump Alarms

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Leak Detection Pump Operations

Under construction (upgrading)

West End Landfill

Water Level

Good

Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 11/23/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

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West End Landfill

Water Level

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Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 11/30/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

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West End Landfill

Water Level

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Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 12/7/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

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West End Landfill

Water Level

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All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 12/14/2020

Berms

Observations

Exterior Slope Conditions

North

Under construction tie in to cell2

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

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Leachate Pump Operations

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West End Landfill

Water Level

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Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 12/21/2020

Berms

Observations

Exterior Slope Conditions

North

Good

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

Leachate Pump Alarms

Under construction upgrading

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Leak Detection Pump Operations

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West End Landfill

Water Level

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Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Orlando Utilities Commission (OUC)
Stanton Energy Center Weekly CCR Inspections
CCR Landfill

Inspector: Robert Hord

Inspector Signature: *Robert Hord*

Week of Inspection: 12/28/2020

Berms

Observations

Exterior Slope Conditions

North

Good

West

Minimal erosion

South

Good

Interior Slope Conditions

North

Minimal erosion

West

Minimal erosion

South

Minimal erosion

Pump Stations

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West End Landfill

Water Level

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Auxillary Pump Operations

All pumps out of service /upgrading

East End Landfill

Slope Condition

good

Storm Water Retention Pond

Slope Erosion

minimal

Inlet & Outlet Structure Condition

Good

Vegetation

Good

The inspector performing the visual inspection of the landfill must look for the appearance of actual or potential structural weakness and any other conditions which are disrupting or have the potential to disrupt the operations or safety of the CCR unit such as: a) Erosion, b) Settlement, c) Liner Exposure, d) Rutting, e) Animal Damage, or f) Physical Disturbance

Indicate if any of the above problems are present in writing in the appropriate line under the observations column.

Appendix 5

Report of FDEP Inspection on December 1, 2020



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

December 22, 2020

Garfield Blair
Orlando Utilities Commission
5100 S. Alafaya Trail
Orlando, Florida 32831-2005
gblair@ouc.com

Re: OUC Stanton Energy Center
SW Facility ID #97663
Orange County

Dear Mr. Blair:

Department personnel conducted an inspection of the above-referenced facility on December 1, 2020. 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, and any non-compliance items which may have been identified at the time of the inspection have been corrected.

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 Amada Fernandez at 407-897-4159 or via e-mail at Amada.M.Fernandez@FloridaDEP.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Jill Farris".

Jill Farris, Manager
Central District
Florida Department of Environmental Protection

Enclosure: Inspection Report

cc: Amada Fernandez and Jill Farris, FDEP
Charles Doud, cdoud@ouc.com



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: OUC STANTON ENERGY CENTER

On-site Inspection Start Date: 12/01/2020

On-site Inspection End Date: 12/01/2020

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: Amada M Fernandez, Inspector

Other Participants: Mary Powers, Environmental Specialist; Charles Doud, Project Engineer, P.E.;

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: 12/01/2020

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(4)(c) 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: 12/01/2020

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)	✓			
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				

Inspection Date: 12/01/2020

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)	✓			
2.34	Are fire protection and fire fighting capabilities adequate and operational? 62-	✓			

Inspection Date: 12/01/2020

Item No.	LANDFILL OPERATION AND MAINTENANCE	Ok	Not Ok	Unk	N/A
	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: 12/01/2020

COMMENTS:

The facility is subject to the requirements of the Conditions of Certification (COC) dated August 30, 2017. This certification supersedes all state and local permits. The COC incorporates an Operation Plan dated February 3, 2017, and an MPIS dated January 6, 2017.

Section 1.0 File Review:

Item 1.5: The 2019 Second Semi-Annual Water Quality Monitoring Report was submitted February 17, 2020. The 2020 First Semi-Annual Water Quality Monitoring Report was submitted August 10, 2020. On September 2, 2020, Mark Corbett submitted a notification to the Department that the next sampling event was scheduled for October 6 - 8, 2020.

Item 1.6: Water quality report is reviewed as a separate function and not considered part of this inspection report.

The 2nd 2.5-year technical report was submitted August 27, 2020 and covered the first semi-annual 2018 through the first semi-annual 2020 sampling events.

The COC, Operation Plan, testing data, rainfall data and waste weight records were reviewed on-site. The 2019 and 2020 landfill life and capacity report was received December 22, 2020.

The 2020 CCR inspection report dated May 26, 2020 was received by the Department December 14, 2020. The objectives of the 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.

Original Combustion Waste Storage Area (CWSA) was certified closed on 4/18/16. Current disposal is in Cell 1 which is constructed with a bottom double liner and a leachate collection and removal system and a leak detection system. Cell 2 construction is almost complete.

Leachate generated at the CWSA discharges into the CWSA Runoff Pond. Leachate generated from the Stack Out Pad drains to the South Coal Storage Area Runoff Pond. Both the CWSA Runoff Pond and the South Coal Storage Area Runoff Pond discharge into the Recycle Pond for use as makeup water for the FGD scrubber.

According to Mr. Doud, the leachate pumps at the active cell have been out of service for about a year. OUC has been working to replace the pumps and get them back in service. Mr. Doud stated the pumps should be back in service in about a month. While the pumps have been out of service, leachate has been manually pumped to the leachate ponds. The temporary pump did not have a meter, so during this time, OUC has been unable to keep leachate quantity records. When the new pumps are functioning, OUC will be able to resume leachate quantity records.

ATTACHMENTS:

Cell 2 construction



Cell 1 - disposal area



Inspection Date: 12/01/2020

CWSA Runoff Pond



Storage and processing area



Inspection Date: 12/01/2020

Signed:

Amada M Fernandez

Inspector

PRINCIPAL INSPECTOR NAME**PRINCIPAL INSPECTOR TITLE**

DEP

12/22/2020

PRINCIPAL INSPECTOR SIGNATURE**ORGANIZATION****DATE**

Mary Powers

Environmental Specialist

INSPECTOR NAME**INSPECTOR TITLE**

NO SIGNATURE REQUIRED

FDEP

INSPECTOR SIGNATURE**ORGANIZATION**

Charles Doud

Project Engineer, P.E.

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: Jill M. Farris

Inspection Approval Date: 12/22/2020

Appendix 6

Selected Photographs from TT-AAI Inspection



Reverse Bench and Western Slope of Closed Original CWSA
Looking Northwest



Reverse Bench and Western Slope of Closed Original CWSA
Looking North from Reverse Bench



Reverse Bench and Western Slope of Closed Original CWSA
Looking South from Reverse Bench



Top of Waste Mound in Cell 1
Looking South from Reverse Bench



Cell 1 Waste Mound and Recently Constructed Cell 2
Looking Northwest from Reverse Bench



West Haul Road through Cell 2
Looking Northwest



South Cell 1 Access Ramp
Looking West



North Cell 1 Access Ramp through Cell 2
Looking Northwest



Access Ramp to Closed Vertical Expansion of CWSA and Southeastern Corner of Cell 1, Looking Southwest



Waste in Southern Side of Cell 1 with Access Road Looking West



Access Ramp Through Waste Mound in Cell 1 Looking Northwest



Articulated Dump Truck Hauling Waste through East Haul Road for Placement in Cell 1



**Southwestern Corner of Cell 1
Looking East**



**Western Side of Cell 1
Looking West from Southwestern Corner**



**Western Side of Cell 1
Looking North from South of Sump 1**



**Stormwater Ditch with Box Culvert and Access Road
on the Western Side of Cell 1, Looking Northwest**



Replaced Control Panel and Pump Station for Sump 2



Auxiliary Pump Deployed at Sump 2 to Pump
Station Discharge Piping



Auxiliary Pump Deployed at Sump 3



Intake Pipeline for Auxiliary Pump in Preceding Photo



Recently Constructed Cell 2, Divider Dike, and Waste Mound in Cell 1
Looking East



Waste Mound in Cell1
Looking Southeast



Waste Mound and Containment Dike
Looking South



Cell 1 Perimeter Dike
Looking North



Fabriform with Inlets Connected to Pipes Discharging to Wet Detention Pond, Looking Northwest



Inlet Box Connected to Pipes Discharging to Wet Detention Pond



Dust Control Measure



**Dust Control Measure along East Haul Road
Looking East**



Monitoring Well MW-10



Monitoring Well MW-10



D6N Dozer Grading Waste in Southeastern Part of Cell 1
Looking Northeast



D6N Dozer Grading Waste in Southeastern Part of Cell 1
Looking Northeast