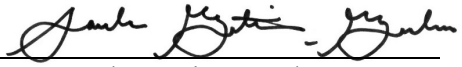
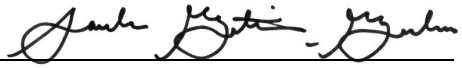
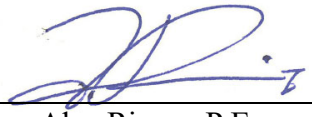
Geosyntec consultants

COMPUTATION COVER SHEET

Client: **WCF** Project: **JED Financial Assurance Cell 14** Project No.: **FL8231**

Phase No.: **01**

Title of Computations: **FINANCIAL ASSURANCE COST ESTIMATE**

Computations by:	Signature		27 August 2021
	Printed Name	Alex Rivera, P.E.	Date
	Title	Project Engineer	
Assumptions and Procedures Checked by: (peer reviewer)	Signature		30 August 2021
	Printed Name	Sarah Gustitus-Graham, E.I.	Date
	Title	Senior Staff Engineer	
Computations Checked by:	Signature		30 August 2021
	Printed Name	Sarah Gustitus-Graham, E.I.	Date
	Title	Senior Staff Engineer	
Computations Backchecked by: (originator)	Signature		1 September 2021
	Printed Name	Alex Rivera, P.E.	Date
	Title	Project Engineer	
Approved by: (pm or designate)	Signature		2 September 2021
	Printed Name	Alex Rivera, P.E.	Date
	Title	Project Engineer	

Approval notes: Senior review provided by Craig R. Browne, P.E.

Revisions (number and initial all revisions)

No.	Sheet	Date	By	Checked by	Approval

FINANCIAL ASSURANCE COST ESTIMATE
J.E.D. SOLID WASTE MANAGEMENT FACILITY
ST. CLOUD, OSCEOLA COUNTY, FLORIDA

On behalf of Waste Connections of Osceola County, LLC. (WCOC), Geosyntec Consultants, Inc. (Geosyntec) has prepared this financial assurance cost estimate (Estimate) in support of the 5-year submittal associated with the current solid waste construction permit for the Class I Landfill at the J.E.D. Solid Waste Management Facility (JED facility) in St. Cloud, Osceola County, Florida. This Estimate also reflects updates to include the Cell 14 footprint, which is anticipated to be constructed by end of 2021. This narrative discusses the methods and assumptions used to estimate the cost for the items listed on the Florida Department Environmental Protection (FDEP) Form 62-701.900(28), Florida Administrative Code (F.A.C.), included in **Attachment A**, and hereafter referred to as the FDEP form.

The items listed below were derived from item/unit pricing from contractors and Geosyntec's experience with similar projects. For engineering and professional time, current Geosyntec labor rates and/or State and federal guidelines were used. The unit costs/labor rates were then used to prepare the costs presented in the FDEP form. Estimated costs are for construction and laboratory analytical testing to be performed by a third party. The item numbers noted below correspond to the item numbers on the FDEP form.

I. General Information

This Estimate covers the closure costs and long-term care costs for cells that have been constructed including Phase 1 (Cells 1 through 4), Phase 2 (Cells 5 through 7), Phase 3 (Cells 8 through 10), and Phase 4 (Cells 11 through 13), and a portion of Phase 5 (Cell 14). The total two-dimensional (2D) area of these cells is approximately 189.7 acres. Of this total area, 43.8 acres have been closed as of August 2021, which leaves 145.9 acres remaining to be closed. The closure cost estimate (for 145.9 acres) and long-term care cost estimate (for 189.7 acres) are included on the FDEP form in **Attachment A**.

For the purposes of closure construction cost estimating, three-dimensional (3D) areas were calculated to account for the additional area attributed to the 5 percent grade of the top deck and the 3 horizontal to 1 vertical (3H:1V) side slopes. As such, the top deck and side slope 2D areas are multiplied by 1.001 and 1.054, respectively, to calculate corresponding 3D areas.

II. Type of Financial Assurance Document

WCOC maintains an insurance certificate to meet the financial assurance obligations of the JED facility.

III. Estimate Adjustment

This Estimate represents a recalculated cost estimate as required for 5-year submittal, and also an update to include the Cell 14 footprint.

IV. Estimated Closing Cost (Recalculated Cost Estimate)

1. Proposed Monitoring Wells

A groundwater monitoring well system for the JED facility is already in place and additional monitoring wells will be installed as part of construction certification of proposed cells. Therefore, no additional cost for monitoring well installation is included as part of this Estimate.

2. Slope and Fill (bedding layer between waste and barrier layer)

During closure, an intermediate layer of cover soil, approximately 12-inch thick, will be used for grading the surface of the waste. For the approximately 145.9-acre disposal area that needs to be closed, approximately 19.2 acres cover the top deck area and approximately 126.7 acres cover the side slope area. Utilizing the slope correction factors, the estimated cubic yardage for the intermediate layer of cover soil is 246,455 cubic yards (CY) (i.e., 19.2 acres × 1.001 × 1 foot (ft) + 126.7 acres × 1.054 × 1 ft). This material will be obtained from an offsite borrow source at a estimated unit cost of $8.00/CY, which includes handling, placement/spreading, and compaction. The cost estimate was obtained from RCS Excavation Inc. (RCS) of Lake Placid, Florida (see **Attachment B**).

The estimated total cost for material handling, placement, spreading, and compaction is:

246,455 CY @ $8.00/CY = **$1,971,640.00**

3. Cover Material (Barrier Layer)

The barrier layer of the final cover system consists of a 40-mil thick smooth and textured polyethylene (PE) geomembrane on the top deck and side slopes, respectively, and a geocomposite drainage layer (i.e., geonet with geotextile on both sides) on the 3H:1V side slopes. The textured PE geomembrane has a runout length of 10 feet (corresponding to an area of approximately 1.6 acres) on the top deck area while the geocomposite drainage layer has a runout length of 5 feet (corresponding to an area of approximately 0.8 acres) on the top deck area. For the 145.9-acre closure area, approximately 654,060 square yards (SY) (i.e., 1.6 acres × 1.001 + 126.7 acres × 1.054) of 40-mil thick textured PE geomembrane and 85,320 SY (i.e., 19.2 acres × 1.001 - 1.6 acres × 1.001) of 40-mil thick smooth PE geomembrane will be needed. Also, the closure area consists of side slopes and top deck that will require 650,197 SY (i.e., 126.7 acres × 1.054 + 0.8 acres × 1.001) of geocomposite drainage layer in the final cover system. The material and delivery costs for the geomembrane (textured and smooth) and geocomposite are $0.267 per square foot (SF) or $2.41/SY and $0.543/SF or $4.89/SY, respectively, as obtained from Agru

America, Inc. (Agru) of Georgetown, South Carolina (see **Attachment B**). The installation costs for the geomembrane (textured and smooth) and geocomposite are $0.16 per SF or $1.44/SY and $0.20/SF or $1.80/SY, respectively, as obtained from COMANCO Environmental Corporation (COMANCO) of Plant City, Florida (see **Attachment B**).

Therefore, the estimated cost for construction of the barrier layer is:

654,060 SY of 40-mil thick textured PE geomembrane @ $3.85/SY = $2,518,131.00

85,320 SY of 40-mil thick smooth PE geomembrane @ $3.85/SY = $328,482.00

650,197 SY of geocomposite drainage layer @ $6.69/SY = $4,349,817.93

Total cost = **$7,196,430.93**

4. Top Soil Cover (includes vegetative soil layer)

The cover protective layer consists of 24-in. thick vegetative soil layer over the entire final cover, resulting in an estimated volume of 492,909 CY (i.e., 19.2 acres × 1.001 × 2 ft + 126.7 acres × 1.054 × 2 ft) for the 145.9-acre closure area. The material will be obtained from an offsite borrow source, with a unit cost of $8.00/CY which includes handling, placement/spreading, and compaction as provided by RCS in **Attachment B**. The total cost for the topsoil cover is:

492,909 CY of on-site soil material @ $8.00/CY = **$3,943,272.00**

5. Vegetative Layer

Approximately 739,364 SY of sod (i.e., 19.2 acres × 1.001 + 126.7 acres × 1.054) will be required for the final cover system of the closure area. The material will be obtained at a unit cost of approximately $2.70/SY. This cost estimate was provided by RCS (see **Attachment B**).

The total cost for sodding the final cover system is:

739,364 SY @ $2.70/SY = **$1,996,282.80**

6. Stormwater Control System

The perimeter and site stormwater controls are either already in place or will be constructed as part of cell construction activities and are therefore not included as part of this Estimate. Stormwater control components for the closure will include top deck berms, seepage header piping, corrugated HDPE pipe downdrains, and concrete structures.

The drainage features of the final cover system vary between the proposed tack-on berm geometry for the west-facing sideslopes of Cells 4, 5, 7, 8, and 12 (see the January 2019 Intermediate Modification Permit Drawings from the "*Intermediate Permit Modification Application: Sideslope Modifications (Cells 4, 5, 7, 8, and 12)*", prepared by Geosyntec) and the sideslope bench geometry for all other sideslopes (see the June 2016 Renewal Permit Drawings

included from the "*Renewal Permit Application to Construct Phase 5 of the J.E.D. Solid Waste Management Facility*", prepared by Geosyntec).

Therefore, the earthwork required to construct the tack-on berms for the west-facing sideslopes of Cells 4, 5, 7, 8, and 12 (estimated by comparison of the originally permitted sideslope bench surface to the proposed sideslope tack-on berm surface using AutoCAD software) will require approximately 81,662 CY of earthwork. Also, the earthwork required to construct sideslope drainage features swales (calculated based on the typical cross-section detail for the drainage swale from the 2016 Renewal Permit Drawings and using the average depth of the swale = 20.6 square feet (SF) per linear foot of swale) will require approximately 21,772 CY of earthwork.

The earthwork required to construct the top area berms and final cover system at downchutes will require approximately 12,442 CY of earthwork (11,079 CY + 1,363 CY = 14,231 CY).

The earthwork price includes excavation, backfilling and placing the material at a unit cost of $8.00/CY, and is based on cost information provided by RCS (see **Attachment B**).

Turf reinforcement mats (TRM) will be installed at the tie-in spans of the drainage swale associated with the tack-on berms to reduce erosion potential. The estimated area of the drainage swales that requires TRM is approximately 1,481 SY. The price for the material and installation labor is $10.25 /SY and is based on cost information provided by RCS (**Attachment B**).

Based on the proposed closure design there is approximately 3,295 LF of 18-inch diameter ADS pipe, 10,994 LF of 24-inch diameter ADS pipe, and 1,419 LF of 30-inch diameter ADS pipe for downdrains to drain the closure area slopes. A 10 percent slope and bench correction has been applied to the plan lengths of the pipe. The price to install the 18-inch, 24-inch, and 30-inch diameter pipe is $95.00 per ft, $110.00 per ft, and $125.00 per ft, respectively, as provided by RCS (**Attachment B**). Also, approximately 21,385 LF of 4-inch diameter perforated HDPE corrugated drainage pipe (e.g., 3-ft length upslope of the tack-on berms and 7-ft length at the perimeter berm tie-in) and 419 LF of 4-inch diameter solid HDPE corrugated discharge pipes (installed 250-apart) will be installed as part of the final cover system. The material and installation cost of the piping, including a 3-ft wide strip of geomembrane used to wrap the 4-in. diameter drainage pipe, is $12.00 per LF as provided by RCS (**Attachment B**).

Two concrete pads and grates will be installed with each "wye" connection – which joins the bench swale pipes to the main side slope downchute – to hold the piping in place and reduce erosion potential. A total of 108 pairs of concrete pads (216 total pads) will be installed as part of closure activities. Each concrete pad will be 6-in. thick with dimensions of approximately 7.5-ft × 7.5-ft and fitted with a galvanized grate. The cost to install all fittings, concrete, and grates is $500.00 per "wye" connection, as provided by RCS (**Attachment B**).

A total of 201 concrete thrust blocks will be installed within each downdrain pipe at side slope benches/tack-on berms and at the landfill toe. The unit price of $500 each was provided by RCS (**Attachment B**).

Typically, all stormwater drainage outlet structures and outfall piping at the perimeter road are installed during cell construction. However, the south-facing sideslopes of Cells 14 and 13 is an interim closure condition (i.e., not a final buildout condition), and therefore the construction of six (6) drainage structures are included in this Estimate. For this Estimate, the drainage structure unit cost is all-inclusive (e.g., outlet structure, 30-inch diameter HDPE corrugated outfall pipe, headwall, thrust block, riprap pad, geotextile filter, etc.). The unit price of $3,500.00 per structure was provided by RCS (**Attachment B**).

The estimated cost for construction of the storm water control components of the final cover system is:

Earthwork: 115,876 CY @ $8.00/CY = $927,008.00

TRM: 1,481 SY @ $10.25/SY = $15,180.25

Piping/Downdrains: 18-inch diameter HDPE – 3,295 LF @ $95.00/LF = $313,025.00

24-inch diameter HDPE – 10,994 LF @ $110.00/LF = $1,209,340.00

30-inch diameter HDPE – 1,419 LF @ $125.00/LF = $177,375.00

4-inch diameter perforated HDPE – 21,385 LF @ $12.00/LF = $256,620.00

4-inch diameter solid HDPE – 419 LF @ $12.00/LF = $5,028.00

"Wye" Connections: 216 @ $500.00 each = $108,000.00

Concrete thrust blocks: 201 @ $500.00 each = $100,500.00

Drainage Outlet Structures: 6 @ $3,500.00 each = $21,000.00

Total cost = **$1,746,361.25**

7. Passive Gas Control

Passive gas control systems are not a part of the design of the Class I landfill. Therefore, there is no cost for this item.

8. Active Gas Extraction Control

The existing gas collection and control system (GCCS), consisting of a perimeter header, vertical well network, blowers, and flare will be expanded as part of the closure. The blower, flare, and the main header system have already been installed as part of landfill operations.

The final components of the GCCS will include:

- 27 wells – 8 shallow wells (average depth of 60 ft), 12 intermediate wells (average depth of 140 ft), and 7 deep wells (average depth of 210 ft). Total well depth assuming a stickup depth of 3 ft = 3,631.5 ft or an average of 134.5 ft per well;
- approximately 4,465 ft of 8-inch diameter SDR-17 HDPE lateral pipe (increased by 10 percent to allow for a 3H:1V slope correction factor and additional length required for vertical risers to connect to the adjacent extraction well or 4,059 ft × 1.10 = 4,465 ft);
- approximately 580 ft of 12-inch diameter SDR-17 HDPE header pipe (increased by 10 percent to allow for a 3H:1V slope correction factor and additional length required for vertical risers to connect to the adjacent extraction well); and
- approximately 9,775 ft of 18-inch diameter SDR-17 HDPE perimeter header pipe.

As provided by RCS in **Attachment B**, the cost of installation of the remaining components can be estimated as follows:

- $150.00 per linear foot of well (includes drilling, well casing, gravel backfill and seal);
- $750.00 per wellhead;
- $28.00 per linear foot of lateral pipe (8-inch diameter);
- $52.00 per linear foot of header pipe (12-inch diameter); and
- $45.00 per linear foot of perimeter header pipe (18-inch diameter).

Accordingly, the estimated cost of the active gas extraction control system at closure is:

27 wells @ 134.5 ft/well × $150.00/ft = $544,725.00

27 wellheads @ $750.00/wellhead = $20,250.00

4,465 ft of lateral pipe @ $28.00/ft = $125,020.00

580 ft of header pipe @ $52.00/ft = $30,160.00

9,775 ft of perimeter header pipe @ $45.00/ft = $439,875.00

Total active gas extraction control system cost= **$1,160,030.60**

9. Security System

The security systems, consisting of perimeter fencing, gates and signs, for the JED facility are already in place and are thus not included as part of the closing costs. Additional fencing and signs are included in the long-term maintenance section of this cost estimate for upkeep purposes.

10. Engineering

Because a final cover plan, including stormwater management system has already been designed, the costs of engineering services related to closure of the site is estimated to be 2 percent of the construction cost (sum of items 1 through 9 above).

The total cost for closure-related engineering services is:

$19,400,731.98 × 0.02 = **$388,014.64**

11. Professional Services

These costs are based on Geosyntec estimates and labor rates. It is estimated that approximately 3 percent of construction cost will be needed for contract/construction management, which equates to 0.03 × $19,400,731.98 = $582,022.00.

It is estimated that approximately 5 percent of construction cost will be needed for construction quality assurance (CQA), which equates to 0.05 × $19,400,731.98 = $970,037.00.

It is assumed that CQA testing cost is included in the 5 percent estimate above.

12. Contingency

A contingency factor for closure costs (Items 1-11 above) of 10 percent is estimated.

13. Site Specific Costs

a. Mobilization

Contractor mobilization costs as provided by RCS and COMANCO in **Attachment B** are $354,000.00.

V. Annual Cost for Long-Term Care

1. Ground Water Monitoring

Sampling of the projected 75 monitoring wells will be conducted on a semi-annual basis. The estimate for laboratory analytical testing for the sampling of the projected 75 monitoring wells is $271 per well as provided in the estimate by Environmental Conservation Laboratories, Inc. (ENCO) of Orlando, Florida (**Attachment B**). Labor associated with sampling each monitoring well is based on Geosyntec labor rates for a senior engineering technician ($82.00/hour/well).

It is assumed that the total cost for monitoring the 75 wells projected to be in use for monitoring Cells 1 through 14 at the JED facility is:

75 wells @ $353 analytical/well/event = $26,475/event × 2 events = **$52,950.00/year**

2. Surface Water Monitoring

Surface water monitoring will be conducted at existing monitoring locations SW-3 and SW-4 (if flow at Bull Creek is observed) on a semi-annual basis. No new monitoring points will be added. The laboratory analytical testing for the two monitoring points is estimated to cost $455 per location as provided in the estimate by ENCO (**Attachment B**). Labor associated with sampling each monitoring location is based on Geosyntec labor rates for a senior engineering technician ($82.00/hour/sampling point).

Therefore, the assumed total cost for surface water monitoring at the JED facility is:

2 samples @ $537 analytical/location/event = $1,074.00/event × 2 events = **$2,148.00/year**

3. Landfill Gas Monitoring

The landfill gas monitoring probes will be monitored quarterly for concentrations of combustible gases. The long-term care cost associated with the landfill gas monitoring shown below are based on Geosyntec labor rates for a senior engineering technician ($82.00/hour) and assumed 10 hours to perform the monitoring at the estimated 30 gas probe locations.

The cost to perform the monitoring includes field and travel time.

- 10-hrs × $82.00/hr = $820.00
- Monitoring equipment rental and travel costs = $250.00/event
- Time to prepare report - 1 hr @ $82.00/hr = $82.00

Total cost per monitoring event equals $820.00 + $250.00 + $82.00 = **$1,152.00/quarter**

4. Leachate Monitoring

Because leachate monitoring is no longer required by Chapter 62.701, F.A.C., the cost for leachate monitoring is not included.

5. Leachate Collection/Treatment System Maintenance

For the long-term care, assume the following maintenance activities:

Pump Maintenance and Replacement: Assumed that pumps require annual maintenance and Cells 1 through 14 will require one primary and one secondary replacement pump once during the 30-year monitoring period:

- Annual maintenance = $250/year; and
- Leachate pump replacement cost = $11,352.60 (total for primary and secondary pumps, provided by EPG Companies, Inc. of Maple Grove, Minnesota and presented in **Attachment B**) ÷ 30 years = $378.42/year.

Therefore, the total estimated annual cost for pumps is **$628.42/year**.

Leachate Collection Pipe Cleaning: It is assumed that approximately 40,770 LF of pipe will require cleaning every 10 years within the 30-year monitoring period (total of 3 cleanings). The associated cost is estimated to be 40,770 × $0.59/ft = ($24,054.30/event × 3 events) ÷ 30 years = **$2,405.43/year**. The leachate pipe cleaning unit rate is based on a proposal for jet cleaning services by Florida Jetclean of Odessa, Florida (**Attachment B**).

Leachate Storage Containers: Long term care for the leachate storage ponds assumes that each of the four bladder liners will require replacement once over the 30-year monitoring period. Replacement cost has been assumed to be $10,625.00 per flexible bladder as estimated below.

Approximately 22,500 SF or 2,500 SY of geomembrane required for each bladder (150 ft by 150 ft unit). Installation and purchase cost for 40-mil thick textured PE geomembrane equals $6.12/SY (based on NLS' estimate for material and installation costs for 40-mil thick textured PE geomembrane). Assume $1,000/bladder to clean and remove existing bladder. The unit cost for each bladder replacement equals 2,500 SY × $3.85/SY + $1,000.00 = $10,625.00/bladder.

Total estimated long-term care cost for the four bladder replacements based on a square yard and cost per year for the FDEP form is as follows:

4 bladders × $10,625.00/bladder = $42,500.00 ÷ 30 years = **$1,416.67/year**.

Leachate Aeration: Assume **$300.00/year** to maintain the leachate aeration system piping, pumps and electrical controls.

Leachate Disposal: The long-term average leachate production rate was calculated as part of the 2011 permit renewal for the JED facility (refer to response to RAI 2 documents, dated January

2012) to be approximately 8,394.53 gallons per acre per year. The total estimated leachate production is therefore:

8,394.53 gallons/acre/year × 189.7 acres = 1,592,442 gallons per year

The unit cost of $0.14/gallon to transport and dispose leachate was provided by Aqua Clean Environmental (ACE) of Lakeland, Florida (**Attachment B**).

1,592.4 thousand gallons/year × $140.00/thousand gallons **= $222,936.00/year.**

6. Maintenance of Groundwater Monitoring Wells

It is assumed that up to 5 groundwater monitoring wells will be replaced over the 30-year monitoring period.

The estimated average cost associated with replacement of a groundwater monitoring wells is $3,600.00/well. Therefore,

5 wells @ $3,600.00/well/30 years = **$600.00/year**

7. Gas System Maintenance

Approximately 191 gas wells would be installed within the footprint of Cells 1 through 14. Based on previous experience, it is estimated that an additional $60.00 per well/year will be needed for maintenance ($60.00 × 191 wells = **$11,460**). It is assumed 50 ft of lateral or header piping per year will require replacement or repair at an average cost of $60.00/ft ($60/ft × 50 ft = **$3,000**). It is assumed that **$2,500/year** will be required for general maintenance of both skid mounted flare station (includes blowers, meters, valves and flame arrestors).

8. Landscape Maintenance

It is estimated that the 189.7 acres of the Class I landfill will require mowing at a cost of $45.99 per acre. The cost is based on an estimate from RCS (see **Attachment B**). It is assumed that mowing activities would be performed twice a year. Therefore, total yearly cost associated with landscape maintenance is:

Mowing (annually): $45.99/acre × 189.7 acres/event × 2 events/year = $**17,450.00/year.**

9. Erosion Control and Cover Maintenance

The long-term care cost for erosion control and cover maintenance assumes that a 0.25-acre (1,210 SY) area will require maintenance (i.e., sodding) per year. As such, 1,210 SY @ $2.70/SY = $3,267.00/year. This unit cost was provided by RCS (see **Attachment B**). The lump sum cost for material and equipment mobilization costs to perform maintenance and general grading of the protective liner for re-sodding is estimated @ $2,500/year. The estimated total cost associated with the erosion control and cover maintenance, per year, is equal to **$5,767.00/year**.

10. Storm Water Management System Maintenance

Maintenance is estimated to occur on an annual basis. For the long-term care cost, a lump-sum cost of **$2,500** per year has been assumed based on Geosyntec's experience on similar sites and includes mobilization of a rubber tire mounted excavator and operator to clean and clear storm water ditches.

11. Security System Maintenance

An estimate of 100 LF of fencing per year, and one (1) gate and six (6) signs have been assumed to require replacement over the course of the 30-year monitoring period. The estimated cost to replace fencing is $4.00/LF; replace a gate is $800.00; and replace a total of six (6) signs is $200/sign based on Geosyntec's experience on similar sites.

12. Utilities

The annual utility cost is based on recent invoices from Duke Energy to WCOC. The estimated yearly lump sum amount is indicated on the FDEP form.

13. Leachate Collection/Treatment Systems Operation

Leachate collection/treatment system operation cost estimates are based on weekly monitoring by a technician for total of 3 hours/week × 52 weeks/year @ $73/hour = **$11,388/year**. Additional material maintenance costs for the pumps and aeration system at the storage holding ponds is assumed as **$500.00/year**.

14. Administrative

The administrative long-term cost estimates that 10 hours per month will be expended towards administrative/overhead activities @ $40.00/hour (i.e., $4,800/year). In addition, one 3rd party engineer (@$130.00/hr) and one technician (@$73.00/hr) are expected to perform a yearly site inspection under the oversight of a P.E. Supervisor (@174.00/hr). The yearly site inspection is estimated to require 8 hours from each on-site personnel and supervisor. Therefore, the estimated total yearly administrative cost for the facility is equal to **$7,816.00**.

15. Contingency

A contingency of 10 percent of the total long-term care costs has been included in this Estimate.

ATTACHMENT A

FDEP CLOSURE COST ESTIMATING FORM

Print Form Reset Form

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form # 62-701.900(28), F.A.C.
Form Title: Closure Cost Estimating Form For Solid Waste Facilities
Effective Date: January 6, 2010
Incorporated in Rule 62-701.630(3), F.A.C.

CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

Date of DEP Approval: _____

I. GENERAL INFORMATION:

Facility Name: J.E.D. Solid Waste Management Facility WACS ID: 89544
Permit Application or Consent Order No.: 0199726-033-SO-01 Expiration Date: 06/13/2027
Facility Address: 1501 Omni Way, St. Cloud, Florida 34773
Permittee or Owner/Operator: Waste Connections of Osceola County, LLC
Mailing Address: 1501 Omni Way, St. Cloud, Florida 34773

Latitude: 28 ° 3 ' 32 " Longitude: 81 ° 5 ' 46 "
Coordinate Method: DGPS Datum: WGS84
Collected by: Johnston's Surveying Company/Affiliation Johnston's Surveying

Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Active Life of Unit From Date of Initial Receipt of Waste	If active: Remaining life of unit	If closed: Date last waste received	If closed: Official date of closing
Cell 14	18.6	N/A				
Cell 12	17.6	2020				
Cell 13	17.5	Oct 2016				
Cells 5-11	84.1	Mar 2009				
Cells 3-4 (active)	8.0	Jan 2004				
Cells 1-4 (part. clos. event 2)	19.4	Jan 2004				10/2012
Cells 1-4 (part. clos.)	24.4	Jan 2004				02/2009

Total disposal unit acreage included in this estimate: Closure: 145.9 Long-Term Care: 189.7

Facility type: (Check all that apply) ☒ Class I ☐ Class III ☐ C&D Debris Disposal ☐ Other: _____

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

☐ Letter of Credit* ☒ Insurance Certificate ☐ Escrow Account
☐ Performance Bond* ☐ Financial Test ☐ Form 29 (FA Deferral)
☐ Guarantee Bond* ☐ Trust Fund Agreement

* - Indicates mechanisms that require the use of a Standby Trust Fund Agreement

Northwest District
160 Government Center
Pensacola, FL 32502-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. B200
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky.
Temple Terrace, FL 33637
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
239-332-6975

Southeast District
400 N. Congress Ave., Ste. 200
West Palm Beach, FL 33401
561-681-6600

III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code, (F.A.C.) sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate ajustment below.

☐ **(a) Inflation Factor Adjustment** ☒ **(b) Recalculated or New Cost Estimates**

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflatory by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste website www.dep.state.fl.us/waste/categories/swfr or call the Financial Coordinator at (850) 245-8706.

This adjustment is based on the Department approved closing cost estimate dated: _____

Latest Department Approved **Closing Cost** Estimate:		Current Year Inflation Factor, ***e.g. 1.02***		Inflation Adjusted Closing Cost Estimate:
_____	×	_____	=	_____

This adjustment is based on the Department approved long-term care cost estimate dated: _____

Latest Department Approved Annual **Long-Term Care** Cost Estimate:		Current Year Inflation Factor, ***e.g. 1.02***		Inflation Adjusted Annual Long-Term Care Cost Estimate:
_____	×	_____	=	_____

Number of Years of Long Term Care Remaining: × _____

Inflation Adjusted Long-Term Care Cost Estimate: = _____

Signature by: ☐ **Owner/Operator** ☒ **Engineer** (check what applies)

_____	_____
Signature	Address
_____	_____
Name & Title	City, State, Zip Code
_____	_____
Date	E-Mail Address
_____	
Telephone Number	

IV. ESTIMATED CLOSING COST (check what applies)

☒ **Recalculated Cost Estimate** ☐ **New Facility Cost Estimate**

Notes: 1. Cost estimates for the time period when the extent and manner of landfill operation makes closing most exp
2. Cost estimate must be certified by a professional engineer.
3. Cost estimates based on third party suppliers of material, equipment and labor at fair market value.
4. In some cases, a price quote in support of individual item estimates may be required.

Description	Unit	Number of Units	Cost / Unit	Total Cost
1. Proposed Monitoring Wells (Do not include wells already in existence.)				
	EA	0		
			Subtotal Proposed Monitoring Wells:	
2. Slope and Fill (bedding layer between waste and barrier layer):				
Excavation	CY			
Placement and Spreading	CY			
Compaction	CY			
On-Site Material	CY	246,455	$8.00	$1,971,640.00
Delivery	CY			
			Subtotal Slope and Fill:	$1,971,640.00
3. Cover Material (Barrier Layer):				
Off-Site Clay	CY			
Synthetics - 40 mil (textured & smooth)	SY	739,380	$3.85	$2,846,613.00
Synthetics - GCL	SY			
Synthetics - Geonet	SY	650,197	$6.69	$4,349,817.93
Synthetics - Other (explain)				
			Subtotal Cover Material:	$7,196,430.93
4. Top Soil Cover:				
On-Site Material	CY	492,909	$8.00	$3,943,272.00
Delivery	CY			
Spread	CY			
			Subtotal Top Soil Cover:	$3,943,272.00
5. Vegetative Layer				
Sodding	SY	739,364	$2.70	$1,996,282.80
Hydroseeding	AC			
Fertilizer	AC			
Mulch	AC			
Other (explain)				
			Subtotal Vegetative Layer:	$1,996,282.80
6. Stormwater Control System:				
Earthwork	CY	115,876	$8.00	$927,008.00
Piping (4 in. diameter)	LF	21,804	$12.00	$261,648.00
Piping (18-in. diameter)	LF	3,295	$95.00	$313,025.00
Piping (24-in. diameter)	LF	10,994	$110.00	$1,209,340.00
Piping (30-in. diameter)	LF	1,419	$125.00	$177,375.00
TRM	SY	1,481	$10.25	$15,180.25
Other (explain) Itemized - Wyes, Thrust Blocks, and Control Structures	EA	1	$229,500.00	$229,500.00
			Subtotal Stormwater Control System:	$3,133,076.25

Description	Unit	Number of Units	Cost / Unit	Total Cost
7. Passive Gas Control:				
Wells	EA			
Pipe and Fittings	LF			
Monitoring Probes	EA			
NSPS/Title V requirements	LS	1		
			Subtotal Passive Gas Control:	
8. Active Gas Extraction Control:				
Traps	EA			
Sumps	EA			
Flare Assembly	EA			
Flame Arrestor	EA			
Mist Eliminator	EA			
Flow Meter	EA			
Blowers	EA			
Collection System	LF			
Other (explain)		1	$1,160,030.00	$1,160,030.00
Itemized in narrative			Subtotal Active Gas Extraction Control:	$1,160,030.00
9. Security System:				
Fencing	LF			
Gate(s)	EA			
Sign(s)	EA			
			Subtotal Security System:	
10. Engineering:				
Closure Plan Report	LS	1		
Certified Engineering Drawings	LS	1		
NSPS/Title V Air Permit	LS	1		
Final Survey	LS	1		
Certification of Closure	LS	1		
Other (explain)		1	$388,014.64	$388,014.64
2% of Construction Cost			Subtotal Engineering:	$388,014.64

Description	Hours	Cost / Hour	Hours	Cost / Hour	Total Cost
11. Professional Services					
	Contract Management		Quality Assurance		
P.E. Supervisor					
On-Site Engineer					
Office Engineer					
On-Site Technician			1		
Other (explain)	1	$582,02	1	$970,03	$1,552,059.00
3% and 5% of cons. C					

Description	Unit	Number of Units	Cost / Unit	Total Cost
Quality Assurance Testing	LS	1	$48,501.85	$48,501.85
			Subtotal Professional Services:	$1,600,560.85

	Subtotal of 1-11 Above:	$21,389,307.47
12. Contingency 10 % of Subtotal of 1-11 Above		$2,138,930.75
	Subtotal Contingency:	$2,138,930.75
	Estimated Closing Cost Subtotal:	$23,528,238.22

Description	**Total Cost**
13. Site Specific Costs	
Mobilization	$354,000.00
Waste Tire Facility	
Materials Recovery Facility	
Special Wastes	
Leachate Management System Modification	
Other (explain)	
Subtotal Site Specific Costs:	$354,000.00

TOTAL ESTIMATED CLOSING COSTS ($): $23,882,238.22

V. ANNUAL COST FOR LONG-TERM CARE

See 62-701.600(1)a.1., 62-701.620(1), 62-701.630(3)a. and 62-701.730(11)b. F.A.C. for required term length. For landfills certified closed and Department accepted, enter the remaining long-term care length as "Other" and provide years remaining.

(Check Term Length) ☐ 5 Years ☐ 20 Years ☒ 30 Years ☐ Other, ___ Years

Notes: 1. Cost estimates must be certified by a professional engineer.

2. Cost estimates based on third party suppliers of material, equipment and labor at fair market value.

3. In some cases, a price quote in support of individual item estimates may be required.

All items must be addressed. Attach a detailed explanation for all entries left blank.

Description	Sampling Frequency (Events / Year)	Number of Wells	(Cost / Well) / Event	Annual Cost
1. Groundwater Monitoring [62-701.510(6), and (8)(a)]				
Monthly	12			
Quarterly	4			
Semi-Annually	2	75	$353.00	$52,950.00
Annually	1			
			Subtotal Groundwater Monitoring:	$52,950.00
2. Surface Water Monitoring [62-701.510(4), and (8)(b)]				
Monthly	12			
Quarterly	4			
Semi-Annually	2	2	$537.00	$2,148.00
Annually	1			
			Subtotal Surface Water Monitoring:	$2,148.00
3. Gas Monitoring [62-701.400(10)]				
Monthly	12			
Quarterly	4	1	$1,152.00	$4,608.00
Semi-Annually	2			
Annually	1	1		
			Subtotal Gas Monitoring:	$4,608.00
4. Leachate Monitoring [62-701.510(5), (6)(b) and 62-701.510(8)c]				
Monthly	12			
Quarterly	4			
Semi-Annually	2			
Annually	1	0		
Other (explain) _____	_____			
_____			Subtotal Leachate Monitoring:	

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
5. Leachate Collection/Treatment Systems Maintenance				
Maintenance				
Collection Pipes	LF	4,077	$0.59	$2,405.43
Pump Maintenance	EA	1	$628.42	$628.42
Lift Stations	EA			
Cleaning	LS	1		
Tanks	EA			

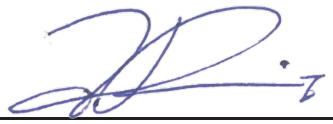
Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
5. (continued)				
Impoundments				
Liner Repair	SY	1	$1,416.67	$1,416.67
Sludge Removal	CY			
Aeration Systems				
Floating Aerators	EA	1	$300.00	$300.00
Spray Aerators	EA			
Disposal				
Off-site (Includes transportation and disposal)	1000 gallon	1,592.4	$140.00	$222,936.00
			Subtotal Leachate Collection / Treatment Systems Maintenance:	$227,686.52
6. Groundwater Monitoring Well Maintenance				
Monitoring Wells	EA	5	$120.00	$600.00
Replacement	EA			
Abandonment	EA			
			Subtotal Groundwater Monitoring Well Maintenance:	$600.00
7. Gas System Maintenance				
Well Maintenance	EA	191	$60.00	$11,460.00
Lateral/Header Pipe	LF	50	$60.00	$3,000.00
Flaring Units	EA	1	$2,500.00	$2,500.00
Meters, Valves	EA			
Compressors	EA			
Flame Arrestors	EA			
Operation	LS	1		
			Subtotal Gas System Maintenance:	$16,960.00
8. Landscape Maintenance				
Mowing (2 events)	AC	379.4	$45.99	$17,450.00
Fertilizer	AC			
			Subtotal Landscape Maintenance:	$17,450.00
9. Erosion Control and Cover Maintenance				
Sodding	SY	1,210	$2.70	$3,267.00
Regrading	AC	1	$2,500.00	$2,500.00
Liner Repair	SY			
Clay	CY			
			Subtotal Erosion Control and Cover Maintenance:	$5,767.00
10. Storm Water Management System Maintenance				
Conveyance Maintenance	LS	1	$2,500.00	$2,500.00
			Subtotal Storm Water Management System Maintenance:	$2,500.00
11. Security System Maintenance				
Fences	LF	1	$400.00	$400.00
Gate(s)	EA	1	$26.67	$26.67
Sign(s)	EA	1	$40.00	$40.00
			Subtotal Security System Maintenance:	$466.67

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
12. Utilities	LS	1	$128,852.17	$128,852.17
			Subtotal Utilities:	$128,852.17
13. Leachate Collection/Treatment Systems Operation				
Operation				
P.E. Supervisor	HR			
On-Site Engineer	HR			
Office Engineer	HR			
OnSite Technician	HR	156	$73.00	$11,388.00
Materials	LS	1	$500.00	$500.00
	Subtotal Leachate Collection/Treatment Systems Operation:			$11,888.00
14. Administrative				
P.E. Supervisor	HR	8	$174.00	$1,392.00
On-Site Engineer	HR	8	$130.00	$1,040.00
Office Engineer	HR			
OnSite Technician	HR	8	$73.00	$584.00
Other clerical	HR	120	$40.00	$4,800.00
			Subtotal Administrative:	$7,816.00
			Subtotal of 1-14 Above:	$479,692.36
15. Contingency	10	% of Subtotal of 1-14 Above		$47,969.24
			Subtotal Contingency:	$47,969.24

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
16. Site Specific Costs				
		1		
		1		
			Subtotal Site Specific Costs:	
			ANNUAL LONG-TERM CARE COST ($ / YEAR):	$527,661.59
			Number of Years of Long-Term Care:	30
			TOTAL LONG-TERM CARE COST ($):	$15,829,847.83

VI. CERTIFICATION BY ENGINEER

This is to certify that the Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and/or long-term care of the facility and comply with the requirements of Rule 62-701.630 F.A.C. and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.



Signature

12802 Tampa Oaks Blvd, Suite 151
Mailing Address

Alexander Rivera, P.E., Engineer
Name and Title (please type)

Tampa, FL, 33637
City, State, Zip Code

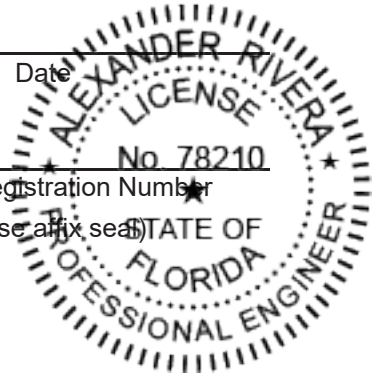
9/7/2021
Date

arivera@geosyntec.com
E-Mail address (if available)

68613
Florida Registration Number

813-558-0990
Telephone Number

(please affix seal)



Digitally signed by Alexander Rivera, P.E.
Date: 2021.09.07 16:20:53 -04'00'

This item has been electronically signed and sealed by Alexander Rivera, P.E., on 09/7/2021 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

VII. SIGNATURE BY OWNER/OPERATOR

Signature of Applicant

5135 Madison Avenue
Mailing Address

Kirk Wills, Southern Region Engineer
Name and Title (please type)

Tampa, Florida 33619
City, State, Zip Code

kirk.wills@wasteconnections.com
E-Mail address (if available)

813-388-1026
Telephone Number

ATTACHMENT B

COST ESTIMATES FROM CONTRACTORS/VENDORS

FINANCIAL ASSURANCE SUMMARY TABLE

J.E.D. Solid Waste Management Facility
1501 Omni Way, St. Cloud, FL 34773

FA Form Item No.[1]	Work Description	Units	Estimated Quantity	Unit Price	Amount
1					
2	Slope and Fill (bedding layer between waste and barrier layer)- Assumes an off-site material source is available	CY	245,711	$8.00	$1,965,688
3	Cover Material (barrier layer)				
	a. 40-mil textured PE geomembrane	SY	610,120		
	b. 40-mil smooth PE geomembrane	SY	127,020		
	c. Geocomposite drainage layer	SY	606,040		
4	Topsoil Cover (includes vegetative soil layer)- Assumes an on-site material source is available	CY	491,422	$8.00	$3,931,376
5	Vegetative Layer	SY	737,132	$2.70	$1,990,256
6	Stormwater Control System				
	a. Earthwork	CY	118,393	$8.00	$947,144
	b. Piping - 4" diameter corrugated HDPE pipe (perforated)	LF	21,585	$12.00	$259,020
	c. Piping - 4" diameter corrugated HDPE pipe (solid)	LF	425	$12.00	$5,100
	d. Piping - 30" diameter corrugated HDPE pipe	LF	1,419	$125.00	$177,375
	e. Piping - 24" diameter corrugated HDPE pipe	LF	8,135	$110.00	$894,850
	f. Piping - 18" diameter corrugated HDPE pipe	LF	3,295	$95.00	$313,025
	g. Turf Reinforcement Mat	SY	1,481	$10.25	$15,180
	h. 5'Lx2'Wx4'H concrete thrust block	Each	210	$500.00	$105,000
	i. Wye connections and grates	Each	224	$500.00	$112,000
	j. Drainage Outlet Structures	Each	9	$3,500.00	$31,500
7	NA				
8	Active Gas Extraction Control				
	a. Well - 8" diameter Sched. 80 PVC	LF	10,680	$150.00	$1,602,000
	b. Wellhead	Each	27	$750.00	$20,250
	c. Lateral pipe - 8" diameter SDR 17	LF	4,380	$28.00	$122,640
	d. Header pipe - 12" diameter SDR 17	LF	580	$52.00	$30,160
	e. Perimeter header pipe - 18" diameter SDR 17	LF	9,775	$45.00	$439,875
9	NA				
10	NA				
11	NA				
12	NA				
13	Miscellaneous Site Specific Costs				
	a. Contractor mobilization costs	LS	1	$350,000.00	$350,000
	b.				
	c.				
	TOTAL BUDGETARY COST ESTIMATE:				**$13,312,440**

Notes:
1. FDEP form 62-701.900(28)

Quote:	QT000016485
Date:	3/3/2021
Exp Date: *	4/2/2021
Shipping Method:	DELIVERY
Payment Terms:	NET 65
Incoterms:	PPA

Customer:

Waste Connections, Inc

3 Waterway Square Place, Suite 110
The Woodlands
TX, 77380
United States
(281) 377-3005

Project:

Location:	Riverview FL
Application:	Landfill Closure
Bid Date:	3/3/2021
Sales Person:	Chris Eichelberger
Phone:	(330) 606-8970

Bill To:

Waste Connections, Inc

3 Waterway Square Place, Suite 110
The Woodlands
TX, 77380
United States
(281) 377-3005

Ship To:

Sun Country Materials Cell 3 Partial Closure

Riverview, FL

Whse	Product	Dimensions	Roll Qty	Qty	UofM	Warranty	ShipVia	Rolls Per Truck	*Unit Price	*Ext Price
GT	FG-HDMSDS040BBBEG HDPE DS MicroSpike 40mil Black GM13	23x750	9	155250.00	SF	Agru Std.	FB	12.0/0.8	$0.25450	$39,511.13
GT	S-FREIGHTSHTFB Freight Geomembrane Flatbed Non-Taxable		0	1.00	EA			0.0/0.0	$2,000.00000 $0.0129/SF	$2,000.00
GT	FC-COMPP-06-200-06 Geocomposite 06-200-06 PP Textile	14.5x230	10	33350.00	SF	Agru Std.	FB	27.0/0.4	$0.52000	$17,342.00
GT	FC-COMPP-06-250-06 Geocomposite 06-250-06 PP Textile	14.5x200	52	150800.00	SF	Agru Std.	FB	27.0/1.9	$0.53000	$79,924.00
GT	S-FREIGHTCMPFB Freight Composite Flatbed Non-Taxable		0	3.00	EA			0.0/0.0	$2,000.00000 $0.0132/SF	$6,000.00
AT	FT-GT15-8.0-BK-PP-180-U Agrutex 081,180"	15x600	2	18000.00	SF	Agru Std.	FB	45.0/0.0	$0.15000	$2,700.00
GT	FW-WR-HDPE-BK-5MM Weld Rod Black HDPE 5MM	0x0	0	8.00	SP			0.0/0.0	$90.00000	$720.00

*See Notice to Customers

Subtotal*	$140,197.13
Freight	$8,000.00
Total*	$148,197.13

Sales Tax is not included

COMANCO
SAFETY ★ QUALITY ★ SERVICE

COMANCO Environmental Corporation
4301 Sterling Commerce Dr.
Plant City, FL 33566
P: (813) 988-8829 F: (813) 652-8702

Prepared By:
Estimator Benjamin Chitester
Quote Date: November 30, 2020
Quote Expiration: December 30, 2020

Waste Connections, Inc.

Brett O'Connor
3 Waterway Square Place
The Woodlands, TX 77380
Phone: 832-442-2920
Fax:
E-mail: bretto@wasteconnections.com

Project Information:

WC Southern Region LF's 2021 Geosynthetic Install
, FL - Florida
Proposal Number: 072010662 – JED LF 14 Acres

COMANCO Environmental Corporation (CEC) is pleased to provide you with the following proposal for the installation of the geosynthetic materials and appurtenances as indicated below:

Item	Item Description	Quantity	Unit	Unit Price	Total
1	Mobilization/Demobilization	1	EA	$4,000.00	$4,000.00
2	40mil Textured HDPE Liner - Installation	609,840	SF	$0.16	$97,574.40
3	Single and/or Double Sided Geocomposite Instalaltion	45,000	SF	$0.20	$9,000.00
4	Tie-In Welding	500	LF	$6.75	$3,375.00
5	Pipe Boot up to 8"	1	EA	$275.00	$275.00
				Total	**$114,224.40**

1.) **Mobilization / Demobilization:** This proposal includes one (1) mobilization/demobilization. Any additional mobilizations/demobilizations, if necessary, shall be billed at the rate listed in this proposal.

2.) **Labor:** Our proposal is based on a six (6) day work week, ten (10) hours each day, utilizing non-union, non-prevailing wage labor.

3.) **Quote Validity:** This quotation shall remain open for Purchaser's acceptance until the above-referenced expiration date, after which time it shall be considered to be automatically revoked by both Purchaser and CEC. The purchaser must agree to take delivery of the product within thirty (30) days of signing this proposal. The pricing quoted is based upon the current price provided to CEC by suppliers. If the pricing of materials increases, this quotation shall be modified to reflect the increase in material pricing.

4.) **Delays:** CEC will not be held responsible for any delays due to rain, weather, or other unforeseen events beyond CEC's control. CEC will not be responsible for overtime costs incurred by the General Contractor, 3rd party inspectors or Owner's representatives.

5.) **Warranty**: This proposal is conditioned upon CEC providing its standard **one (1) year** installation warranty which is available upon request. Further warranty details are listed below in our standard terms and conditions.

6.) **Dewatering:** Protection of geosynthetics from surface run-off from areas outside of the geosynthetics installation work limits shall be done by others. The diversion and control of water within the cell during

deployment of geosynthetics shall be done by others. All dewatering by others. Site to be dry and maintained throughout the course of the project by others.

7.) **Site Access:** This proposal is based on CEC working unimpeded throughout the entire geosynthetics installation with complete access in and around the work area(s) with an Off-Road Forklift or similar.

8.) **Sandbags:** Purchaser to provide sand as specified in specifications to CEC for sandbag filling.

9.) All Materials required for the installation of the geosynthetics to be provide by others. This includes the Liner, Geocomposite, HDPE weld rod, and geocomposite zip ties.

10.) Offloading and stockpiling of materials within close proximity (500') of the installation area by others.

11.) Any costs associated with 3rd party QC, conformance, or laboratory testing by others. COMANCO will conduct its standard QC of destructive and non-destructive tests onsite.

12.) Port-o-lets and dumpsters, including maintenance and disposal, by others.

13.) All Earthwork by others. Excavation and backfilling of the anchor trench by others. Maintenance of the subgrade for the duration of the project is to be done by others.

14.) COMANCO will require that all of the subgrade be ready for the geosynthetic installation prior to CEC's arrival and maintained for the duration of the project (by others).

15.) All Pipework (not including pipe boots) by others.

16.) Exposure and cleaning of the liner tie-in area is to be done and paid for by others.

17.) This is a unit rate proposal; any additional items will be billed at the above rates.

18.) Any changes in the scope of work will be at additional cost to the owner.

19.) COMANCO will provide in-house GPS as-builts as part of our final QA/QC Submittal package. Any third-party survey by others.

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive	4810 Executive Park Ct, Suite 111	102-A Woodwinds Industrial Court
Orlando, Florida 32824	Jacksonville, FL 32216-6069	Cary, NC 27511
(407) 826-5314 phone	(904) 296-3007 phone	(919) 467-3090 phone
(407) 850-6945 fax	(904) 296-6210 fax	(919) 467-3515 fax
NELAP #E83182	NELAP #E82277	NELAP #E87610 *www.encolabs.com*

September 1, 2021

Quote #: 2090120211

Geosyntec Consultants
12802 Tampa Oaks
Suite 151
Temple Terrace, FL 33637

Re: St. Cloud Area Landfill

Attention: Alex Rivera

Environmental Conservation Laboratories, Inc. is pleased to submit the following quotation for analytical services.

Sampling Supplies/Shipping Requirements

Shipping containers and bottles will be supplied by Environmental Conservation Laboratories, Inc. Samples must be iced from time of collection until received at the laboratory. Some analyses require special sample handling – please contact your Project Manager at the laboratory if you have any questions upon receipt of containers.

Quality Assurance

All of our facilities are accredited by NELAP and also maintain additional state certifications and approvals throughout the Southeast and Mid-Atlantic regions. Unit pricing includes adherence to and documentation of compliance with applicable Quality Assurance/ Quality Control protocols for each procedure performed. Our Quality Assurance/ Quality Control program ensures acceptable accuracy and precision for each analytical method. All published data is defensible, with quality control results provided with every report.

Analytical Requirements and Unit Pricing

Environmental Conservation Laboratories, Inc. anticipates receiving samples from Geosyntec Consultants from the proposed St. Cloud Area Landfill project in the near future. These samples will be analyzed for the parameters listed in the Analytical Requirements and Unit Pricing section below.

Quantity	Matrix	Analytical Parameter or Test Group	Rate	Extended
		Surface Water Laboratory Paramaters;		
2	SW	Unionized ammonia - N (calc w/ NH3 + field measurements)	15.00	30.00
2	SW	Total Hardness	10.00	20.00
2	SW	Biochemical Oxygen demand, BOD 5	20.00	40.00
2	SW	Iron as Fe	9.00	18.00
2	SW	Mercury as Hg (standard GW processing limits 7470 or 245.1)	20.00	40.00
2	SW	Nitrate	10.00	20.00
2	SW	Chemical Oxygen Demand, COD	20.00	40.00
2	SW	Total Organic Carbon, TOC	18.00	36.00
2	SW	Total Dissolved Solids, TDS	10.00	20.00
2	SW	Fecal Coliform, MF (8 hour holding time)	35.00	70.00
2	SW	Total Phosphates as TP	18.00	36.00
2	SW	Chlorophyll A	45.00	90.00
2	SW	Total Nitrogen, TN (as TKN + NO2 + NO3)	35.00	70.00
2	SW	Total Suspended Solids, TSS	10.00	20.00
2	SW	Those parameters listed in 40 CFR Part 258 Appendix I as; Volatile Organic Compounds, SW846 8260 EDB and DBCP, 8011 15 Metals: Sb,As,Ba,Be,Cd,Cr,Co,Cu,Pb,Ni,Se,Ag,Tl,V,Zn	180.00	360.00
		Cost for two Surface Water Samples		**910.00**

Quantity	Matrix	Analytical Parameter or Test Group	Rate	Extended
		Appendix I "plus" Groundwater Laboratory Paramaters;		
75	GW	Total ammonia - N	15.00	1125.00
75	GW	Bicarbonate	10.00	750.00
75	GW	Chlorides	10.00	750.00
75	GW	Iron as Fe	9.00	675.00
75	GW	Mercury as Hg	18.00	1350.00
75	GW	Nitrate	10.00	750.00
75	GW	Sodium as Na	9.00	675.00
75	GW	Total Dissolved Solids, TDS	10.00	750.00
75	GW	Those parameters listed in 40 CFR Part 258 Appendix I as; Volatile Organic Compounds, SW846 8260 EDB and DBCP, 8011 15 Metals: Sb,As,Ba,Be,Cd,Cr,Co,Cu,Pb,Ni,Se,Ag,Tl,V,Zn	180.00	13,500.00
		Cost for 75 Groundwater Samples		**20,325.00**

Please note: All invoices will be charged an Environmental Impact Fee of $9 per workorder. Also, ADaPT deliverable EDD's will be charged at $75.

Reporting Format

A final report summarizing all data and Quality Assurance/Quality Control results will be forwarded no later than one (1) day following completion of analyses. Additionally, ***numerous electronic reporting options are available*** – contact your Project Manager for details.

ENCO's standard Hardcopy Report includes the following minimum information:

Date of Sample Collection/Receipt/Extraction/Analysis
Analytical Data
Matrix Spike/Matrix Spike Duplicate Recoveries
Laboratory Check Sample Recoveries
MS/MSD Relative Percent Differences
Laboratory Blank Data
Surrogate Recoveries
Original Chain-of-Custody

Sample Disposal/Invoicing

Samples will be disposed of thirty (30) days after the report date, unless prior arrangements have been made with the laboratory. Samples will be held longer, upon request, on a fee per month basis.

To ensure successful completion of your project, I urge you to communicate any changes in the scope of work (i.e., methods, project start up dates, numbers of samples, matrices, etc.) to either myself or the laboratory as soon as possible. Should you require further information, please do not hesitate to contact me at .

Sincerely,
ENVIRONMENTAL CONSERVATION LABORATORIES, INC.

Joanne Hayden

Joanne Hayden
Account Executive

EPG Companies Inc.

19900 County Road 81
Maple Grove, MN 55311

Phone: 763-424-2613
800-443-7426
Fax: 763-493-4812
www.epgco.com

Quote Number: 29437

TO:

Ramon Rivera
Diamond Systems, LLC
625 Peachtree St
Cocoa FL 32922
USA

Date: 8/31/2021
Expires: 9/30/2021
Reference:
Site: J.E.D. Landfill
SalesPerson: Chris Riddle

EPG Companies is pleased to present our quotation for the J.E.D. Landfill pumps you requested.

Qty	Part Number / Description	Unit Cost	Your Cost
PRIMARY SUMP PUMP			
1	WPZ02003050E3064QX EPG Model WSDPT 20-3 SurePump, patented, stainless steel Wheeled Sump Drainer, size 6, with 5 HP, 460 V, 3Ø motor, 100' of jacketed 12-4 CP motor lead, 0-5 PSI level sensor with 100' poly lead, and 100' of 3/16" stainless steel suspension cable and clamps.	$7,050.75 EA	$7,050.75
SECONDARY SUMP PUMP			
1	WPZ00705015E3044OX EPG Model WSDPT 7-5 SurePump, patented, stainless steel Wheeled Sump Drainer, size 4, with 1.5 HP, 460 V, 3Ø motor, 100' of jacketed 14-4 CP motor lead, 0-5 PSI level sensor with 100' poly lead, and 100' of 1/8" stainless steel suspension cable and clamps. Includes 2" stainless steel MPT discharge connection.	$4,301.85 EA	$4,301.85

Total amount quoted: $ 11,352.60

Thank you for allowing us to quote on this project. Prices quoted are Diamond Systems' net cost and are based on the information supplied for bidding and our interpretation of that information along with our recommendations and/or changes for fabrication. Prices are subject to review and possible adjustment for any changes made that deviate from our outline given.

Lead time is currently six (6) to eight (8) weeks from date of approved order. All prices are quoted freight collect, F.O.B. our dock in Maple Grove, MN. If prepaid shipping is desired a handling charge of 15% of the freight total will be added to the freight charges. See Bulletin 3400d regarding Terms of Sale subject to credit approval, and Bulletin 0200d describing our Limited Warranty. Prices are valid for thirty (30) days. If you have any questions or would like to place an order, please call me at

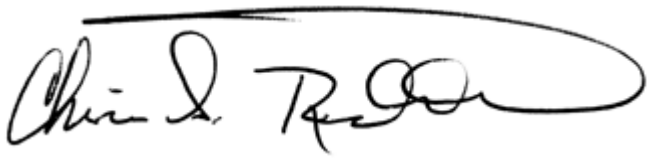
EPG Companies Inc.

19900 County Road 81
Maple Grove, MN 55311

Phone: 763-424-2613
800-443-7426
Fax: 763-493-4812
www.epgco.com

800-443-7426.

Sincerely,
EPG Companies Inc.



Chris Riddle
Customer Service Specialist

FLORIDA JETCLEAN

HIGH PRESSURE WATER JETTING – EXPLOSION PROOF INSPECTION
PIPE LOCATING – NO DIG POINT REPAIRS - VACUUM TRUCK SVCS

7538 Dunbridge Drive
Odessa, FL 33556
www.floridajetclean.com

TEL : 800-226-8013
FAX : 813-926-4616

PROPOSAL

DATE : 8/30/2021
TO : Alex Rivera – Geosyntec
FROM : Ralph Calistri (floridajetclean@yahoo.com)
SUBJECT : JED Landfill - 2021 LCS/LDS Pipe Jetting

Thank you for your inquiry. We confirm our capability and interest in providing these leachate collection system maintenance services for Geosyntec at the JED Landfill.

FLORIDA JETCLEAN specializes in leachate collection system maintenance and inspection, and has developed a considerable amount of specific expertise in this field over the last 30+ years. Our company has worked at an extensive number of landfills in Florida, Georgia, the Carolinas, Delaware, and westward to Arkansas. We have worked with most engineering companies active in this field, and have also fostered excellent working relationships with the regulatory authorities. We use modified jetting equipment designed to achieve extended pipe distances found in landfill environments and **our explosion proof camera equipment complies with all OSHA and regulatory mandates for methane environments**. Substantial references are available on request.

Based on extensive prior work at the JED Landfill, we quote as follows:

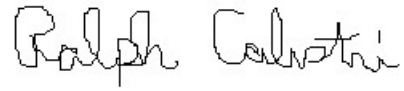
High-pressure water-jetting of an estimated 40,770 LF of existing 4"/6"/8"leachate collection and detection piping $ 24,054.30

Subject to:

- An adequate no charge on site water supply for jetcleaning.
- 2 wheel drive vehicle access within 10'-15' of each cleanout and manhole.
- Continuity of access allowing work to be carried out on a single mobilization
- Exposed and opened cleanouts at ground level
- All jetting work will begin at the available access locations and continue through the piping as far as possible. Additional access may be required for complete coverage.
- No pumping or vacuum removal is included. Throughput from jetcleaning will be directed downstream toward sump areas and/or pump stations.
- Standby time chargeable at $200.00 per hour should delays not of our making delay progress e.g. access problems, high leachate flow levels etc.

- Payment : net 30 days

Regards,



Ralph Calistri - Florida Jetclean - 800-226-8013

Aqua Clean Environmental

3210 Whitten Road

Lakeland, FL 33811-1086

19624

Invoice Number	288470
Invoice Date	August 04, 2021
PO Number	
Contract	
Project	18-WNB-21-0003
Terms:	Net 30 Days
Customer ID:	17004196
Page	1 of 2

Jed/Waste Conxs of Osceola
ATTN: Karen Smith
1501 Omni Way
St Cloud, FL 34773

Manager	Kim Parker
Salesperson	Unassigned

	Current Qty	Unit of Measure	Rate	Current Amount
Waste Non-Hazardous Bulk T&D				
Date of Service 07/26/2021				
Non-haz, processible disposal	7,731.00	GALLON	0.140	1,082.34
Non-haz, processible disposal	7,501.00	GALLON	0.140	1,050.14
Non-haz, processible disposal	7,655.00	GALLON	0.140	1,071.70
Non-haz, processible disposal	7,475.00	GALLON	0.140	1,046.50
Non-haz, processible disposal	7,705.00	GALLON	0.140	1,078.70
Non-haz, processible disposal	7,736.00	GALLON	0.140	1,083.04
Date of Service 07/27/2021				
Non-haz, processible disposal	7,492.00	GALLON	0.140	1,048.88
Non-haz, processible disposal	7,674.00	GALLON	0.140	1,074.36
Non-haz, processible disposal	7,480.00	GALLON	0.140	1,047.20
Non-haz, processible disposal	7,679.00	GALLON	0.140	1,075.06
Non-haz, processible disposal	7,628.00	GALLON	0.140	1,067.92
Non-haz, processible disposal	7,635.00	GALLON	0.140	1,068.90
Date of Service 07/28/2021				
Non-haz, processible disposal	7,717.00	GALLON	0.140	1,080.38
Non-haz, processible disposal	7,518.00	GALLON	0.140	1,052.52
Non-haz, processible disposal	7,686.00	GALLON	0.140	1,076.04
Non-haz, processible disposal	7,616.00	GALLON	0.140	1,066.24

Terms : Payment not received within 30 days is subject to a finance charge of 1.5% per month or fraction thereof.

Remit To :

6106 Corporate Park Drive

Browns Summit, NC 27214

Aqua Clean Environmental

3210 Whitten Road

Lakeland, FL 33811-1086

Jed/Waste Conxs of Osceola

Invoice Number 288470
Project 18-WNB-21-0003

Non-haz, processible disposal	7,647.00	GALLON	0.140	1,070.58
Non-haz, processible disposal	7,655.00	GALLON	0.140	1,071.70
Date of Service 07/29/2021				
Non-haz, processible disposal	7,463.00	GALLON	0.140	1,044.82
Non-haz, processible disposal	7,681.00	GALLON	0.140	1,075.34
Non-haz, processible disposal	7,643.00	GALLON	0.140	1,070.02
Non-haz, processible disposal	7,472.00	GALLON	0.140	1,046.08
Non-haz, processible disposal	7,655.00	GALLON	0.140	1,071.70
Non-haz, processible disposal	7,616.00	GALLON	0.140	1,066.24
Date of Service 07/30/2021				
Non-haz, processible disposal	7,691.00	GALLON	0.140	1,076.74
Non-haz, processible disposal	7,506.00	GALLON	0.140	1,050.84
Non-haz, processible disposal	7,688.00	GALLON	0.140	1,076.32
Non-haz, processible disposal	7,647.00	GALLON	0.140	1,070.58
Non-haz, processible disposal	7,647.00	GALLON	0.140	1,070.58
Non-haz, processible disposal	7,658.00	GALLON	0.140	1,072.12
Non-haz, processible disposal	7,669.00	GALLON	0.140	1,073.66

Invoice Total **33,077.24**

Biller:

Approved By:

Terms : Payment not received within 30 days is subject to a finance charge of 1.5% per month or fraction thereof.

Remit To :

6106 Corporate Park Drive

Browns Summit, NC 27214

RCS EXCAVATION, INC.
PO Box 1787
Lake Placid, FL 33862

Estimate

Contact	Date	Estimate #
amanda@rcsexcavation.com (P) 863-699-1727 (F) 863-582-9292	9/1/2021	463

Waste Connections
1501 Omni Way
St. Cloud, FL 34773

Project			
JED Landfill Mowing			
Description	**Qty**	**Rate**	**Total**
2021 Closure Mowing of JED Landfill			
Mobilization and demobilization	1.00	800.00	800.00
Monthly tractor mowing and weed eating around gas wells within the closure	1.00	7,925.00	7,925.00

If accepted, please sign & return: _____

Total: $8,725.00

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	13961-72312

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Usa	Cost Per Da	Avg kWh Per Day
7/30/2021	$52.01	8/23/2021	30	$52.01	238	$1.46	8
6/30/2021	$117.49	7/22/2021	29	$117.49	702	$3.43	24
6/1/2021	$34.20	6/23/2021	32	$34.20	113	$0.90	4
4/30/2021	$31.39	5/24/2021	30	$31.39	93	$0.88	3
3/31/2021	$29.38	4/22/2021	29	$29.38	79	$0.85	3
3/2/2021	$32.07	3/24/2021	32	$32.07	100	$0.84	3
1/29/2021	$37.02	2/22/2021	31	$37.02	135	$1.01	4
12/29/2020	$30.14	1/20/2021	29	$30.14	86	$0.87	3
11/30/2020	$28.83	12/22/2020	32	$28.83	83	$0.76	3
10/29/2020	$32.81	11/20/2020	30	$32.81	76	$0.78	3
9/29/2020	$63.26	10/21/2020	32	$63.26	321	$1.67	10
8/28/2020	$164.76	9/21/2020	29	$164.76	1022	$4.82	35
7/30/2020	$97.67	8/21/2020	30	$97.67	560	$2.76	19

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1401 OMNI WAY, GAS, FLORIDA 34773
Account Number	49100-99422

Bill Date	Bill Amount	Due Date	Billing Days	Total Amount Paid	Electric Usa	Cost Per Da	Avg kWh Per Day
7/30/2021	$9,039.85	8/23/2021	30	$9,039.85	100100	$258.76	3337
6/30/2021	$8,402.00	7/22/2021	29	$8,402.00	91900	$248.60	3169
6/1/2021	$8,521.97	6/23/2021	32	$8,521.97	95700	$228.61	2991
4/30/2021	$7,684.49	5/24/2021	30	$7,684.49	83100	$216.35	2770
3/31/2021	$7,601.50	4/22/2021	29	$7,601.50	83900	$224.67	2893
3/2/2021	$9,153.51	3/24/2021	32	$9,153.51	108900	$245.96	3403
2/5/2021	$8,880.14	3/1/2021	31	$8,880.14	101600	$246.06	3277
12/29/2020	$8,024.12	1/20/2021	34	$8,024.12	88600	$202.40	2606
11/25/2020	$8,766.16	12/21/2020	28	$8,766.16	87300	$268.79	3118
10/28/2020	$8,492.37	11/19/2020	29	$8,492.37	83300	$247.90	2872
9/29/2020	$7,668.77	10/21/2020	32	$7,668.77	79100	$205.60	2472
8/28/2020	$10,201.95	9/21/2020	29	$19,999.55	99600	$302.31	3434
7/30/2020	$9,797.60	8/21/2020	30	$0.00	95700	$280.53	3190
6/30/2020	$11,088.76	7/22/2020	29	$11,088.76	116500	$329.23	4017

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	80684-27063

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Use	Cost Per Da	Avg kWh Per Day
7/30/2021	$113.62	8/23/2021	30	$113.62	672	$3.21	22
6/30/2021	$74.66	7/22/2021	29	$74.66	399	$2.18	14
6/1/2021	$55.14	6/23/2021	32	$55.14	261	$1.46	8
4/30/2021	$44.09	5/24/2021	30	$44.09	183	$1.24	6
3/31/2021	$36.31	4/22/2021	29	$36.31	128	$1.06	4
3/2/2021	$40.37	3/24/2021	32	$40.37	159	$1.06	5
1/29/2021	$37.31	2/22/2021	31	$37.31	137	$1.01	4
12/29/2020	$59.70	1/20/2021	29	$59.70	296	$1.74	10
11/30/2020	$70.22	12/22/2020	32	$70.22	369	$1.86	12
10/29/2020	$83.33	11/20/2020	30	$83.33	425	$2.21	14
9/29/2020	$72.83	10/21/2020	32	$72.83	387	$1.93	12
8/28/2020	$54.01	9/21/2020	29	$106.20	257	$1.58	9
7/30/2020	$52.19	8/21/2020	30	$0.00	245	$1.47	8

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	99882-87420

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Usa	Cost Per Da	Avg kWh Pe
7/30/2021	$55.56	8/23/2021	33	$55.56	263	$1.42	8
6/30/2021	$50.88	7/22/2021	29	$50.88	231	$1.48	8
6/1/2021	$51.59	6/23/2021	32	$51.59	236	$1.36	7
4/30/2021	$33.21	5/24/2021	30	$33.21	106	$0.93	4
3/31/2021	$15.71	4/22/2021	29	$15.71	70	$0.82	2
3/2/2021	$0.00	3/24/2021	32	$0.00	89	$0.80	3
2/23/2021	$0.00	3/17/2021	212	$0.00	117	$0.54	1
6/30/2020	$29.66	7/22/2020	30	$214.50	89	$0.83	3
6/1/2020	$30.40	6/23/2020	32	$30.40	95	$0.80	3
4/30/2020	$27.07	5/22/2020	30	$27.07	90	$0.76	3
3/31/2020	$29.25	4/22/2020	29	$29.25	87	$0.85	3
3/2/2020	$31.29	3/24/2020	32	$31.29	102	$0.82	3

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	75594-97574

Bill Date	Bill Amount	Due Date	Billing Days	Total Amou	Electric Usa	Cost Per Da	Avg kWh Pe
7/30/2021	$23.31	8/23/2021	30	$23.31	36	$0.65	1
6/30/2021	$39.17	7/22/2021	29	$39.17	148	$1.14	5
6/1/2021	$41.41	6/23/2021	32	$41.41	164	$1.09	5
4/30/2021	$46.21	5/24/2021	30	$46.21	198	$1.30	7
3/31/2021	$38.01	4/22/2021	29	$38.01	140	$1.11	5
3/2/2021	$40.11	3/24/2021	32	$40.11	157	$1.06	5
2/3/2021	$52.66	2/25/2021	31	$52.66	246	$1.43	8
12/29/2020	$20.14	1/20/2021	29	$20.14	15	$0.58	1
11/30/2020	$42.73	12/22/2020	32	$42.73	179	$1.13	6
10/29/2020	$46.43	11/20/2020	30	$46.43	170	$1.17	6
9/29/2020	$48.56	10/21/2020	32	$48.56	246	$1.39	8
9/2/2020	$0.00	9/24/2020	58	$0.00	56	$0.60	1
6/30/2020	$45.56	7/22/2020	30	$91.12	199	$1.28	7

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	35953-09071

Bill Date	Bill Amoun	Due Date	Billing Day:	Total Amo	Electric Us:	Cost Per D:	Avg kWh P
7/30/2021	$76.44	8/23/2021	30	$76.44	410	$2.16	14
6/30/2021	$82.42	7/22/2021	29	$82.42	454	$2.40	16
6/1/2021	$73.52	6/23/2021	32	$73.52	391	$1.94	12
4/30/2021	$59.94	5/24/2021	30	$59.94	295	$1.69	10
3/31/2021	$56.53	4/22/2021	29	$56.53	271	$1.65	9
3/2/2021	$61.74	3/24/2021	32	$61.74	311	$1.63	10
1/29/2021	$68.15	2/22/2021	31	$68.15	356	$1.86	11
12/29/2020	$61.39	1/20/2021	29	$61.39	308	$1.79	11
11/30/2020	$88.18	12/22/2020	32	$88.18	493	$2.33	15
10/29/2020	$83.91	11/20/2020	30	$83.91	429	$2.23	14
9/29/2020	$77.61	10/21/2020	32	$77.61	420	$2.05	13
8/28/2020	$60.67	9/21/2020	29	$60.67	303	$1.77	10
7/30/2020	$54.37	8/21/2020	30	$54.37	260	$1.53	9

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	90698-00530

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Us	Cost Per D	Avg kWh P
7/30/2021	$637.98	8/23/2021	30	$637.98	6898	$22.43	230
6/30/2021	$730.80	7/22/2021	29	$730.80	6172	$21.56	213
6/1/2021	$760.02	6/23/2021	32	$760.02	6189	$20.31	193
4/30/2021	$641.59	5/24/2021	30	$641.59	4949	$18.28	165
3/31/2021	$587.68	4/22/2021	29	$587.68	4402	$17.33	152
3/2/2021	$635.12	3/24/2021	32	$635.12	4711	$16.96	147
1/29/2021	$561.85	2/22/2021	31	$561.85	4077	$15.50	132
12/29/2020	$665.24	1/20/2021	29	$665.24	4158	$19.55	143
11/30/2020	$619.25	12/22/2020	32	$619.25	4524	$16.57	141
10/29/2020	$720.05	11/20/2020	30	$720.05	5489	$20.20	183
9/29/2020	$803.84	10/21/2020	32	$803.84	6545	$21.51	205
8/28/2020	$803.16	9/21/2020	29	$1,577.00	6369	$23.70	220
7/30/2020	$773.84	8/21/2020	30	$0.00	6350	$22.09	212

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	07424-95209

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Usa	Cost Per Da	Avg kWh Pe
7/30/2021	$69.90	8/23/2021	33	$69.90	364	$1.79	11
6/30/2021	$63.48	7/22/2021	29	$63.48	320	$1.85	11
6/1/2021	$68.85	6/23/2021	32	$68.85	358	$1.82	11
4/30/2021	$64.60	5/24/2021	30	$64.60	328	$1.82	11
3/31/2021	$61.21	4/22/2021	29	$61.21	304	$1.78	10
3/2/2021	$65.83	3/24/2021	32	$65.83	340	$1.74	11
1/29/2021	$68.29	2/22/2021	31	$68.29	357	$1.86	12
12/29/2020	$62.66	1/20/2021	29	$62.66	317	$1.83	11
11/30/2020	$63.85	12/22/2020	32	$63.85	325	$1.69	10
10/29/2020	$68.57	11/20/2020	30	$68.57	323	$1.79	11
9/29/2020	$68.78	10/21/2020	32	$68.78	359	$1.82	11
8/28/2020	$67.76	9/21/2020	29	$67.76	352	$1.98	12
7/30/2020	$72.84	8/21/2020	30	$72.84	388	$2.06	13

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	24257-63348

Bill Date	Bill Amoun	Due Date	Billing Day:	Total Amo	Electric Us:	Cost Per D:	Avg kWh P
7/30/2021	$31.29	8/23/2021	30	$31.29	92	$0.88	3
6/30/2021	$33.92	7/22/2021	29	$33.92	111	$0.99	4
6/1/2021	$32.66	6/23/2021	32	$32.66	102	$0.86	3
4/30/2021	$32.79	5/24/2021	30	$32.79	103	$0.92	3
3/31/2021	$28.28	4/22/2021	29	$28.28	76	$0.84	3
3/2/2021	$29.99	3/24/2021	32	$29.99	85	$0.79	3
1/29/2021	$33.37	2/22/2021	31	$33.37	109	$0.91	4
12/29/2020	$29.29	1/20/2021	29	$29.29	80	$0.85	3
11/30/2020	$58.86	12/22/2020	32	$58.86	305	$1.61	10
10/29/2020	$66.25	11/20/2020	30	$68.34	307	$1.73	10
9/29/2020	$137.98	10/21/2020	32	$137.98	837	$3.66	26
8/28/2020	$127.84	9/21/2020	29	$127.84	767	$3.74	26
7/30/2020	$79.78	8/21/2020	30	$79.78	436	$2.25	15

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	97797-97204

Bill Date	Bill Amoun	Due Date	Billing Da	Total Amoun	Electric Usa	Cost Per Da	Avg kWh Per Day
7/30/2021	$801.55	8/23/2021	30	$801.55	6868	$22.74	229
6/30/2021	$776.26	7/22/2021	29	$776.26	6747	$22.78	233
6/1/2021	$747.18	6/23/2021	32	$747.18	6732	$19.89	210
4/30/2021	$619.92	5/24/2021	30	$619.92	5371	$17.59	179
3/31/2021	$591.83	4/22/2021	29	$591.83	4986	$17.36	172
3/2/2021	$709.00	3/24/2021	32	$709.00	5683	$18.84	178
1/29/2021	$572.54	2/22/2021	31	$572.54	5134	$15.73	166
12/29/2020	$528.59	1/20/2021	29	$528.59	4530	$15.51	156
11/30/2020	$776.46	12/22/2020	32	$776.46	6184	$20.66	193
10/29/2020	$790.45	11/20/2020	30	$790.45	6373	$22.10	212
9/29/2020	$816.13	10/21/2020	32	$816.13	6857	$21.73	214
8/28/2020	$784.09	9/21/2020	29	$1,675.45	6114	$23.01	211
7/30/2020	$891.36	8/21/2020	30	$0.00	7509	$25.32	250

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Numbe	16261-25416

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Usa	Cost Per Da	Avg kWh Per Day
7/30/2021	$35.82	8/23/2021	33	$35.82	124	$0.91	4
6/30/2021	$33.64	7/22/2021	29	$33.64	109	$0.98	4
6/1/2021	$33.35	6/23/2021	32	$33.35	107	$0.88	3
4/30/2021	$32.94	5/24/2021	30	$32.94	104	$0.92	3
3/31/2021	$32.49	4/22/2021	29	$32.49	101	$0.94	3
3/2/2021	$259.07	3/24/2021	32	$259.07	127	$0.95	4
2/24/2021	$223.19	3/18/2021	154	$0.00	1535	$1.68	10
9/2/2020	$0.00	9/24/2020	88	$72.63	71	$0.58	1
6/1/2020	$36.75	6/23/2020	32	$107.93	139	$0.97	4
4/30/2020	$28.22	5/22/2020	30	$28.22	100	$0.79	3
3/31/2020	$30.40	4/22/2020	29	$30.40	95	$0.88	3

Title Billing and Payment History
Account Name OMNI WASTE OF OSC CTY LLC
Address 1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Numbe 49354-75320

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Us	Cost Per Da	Avg kWh Per Day
7/30/2021	$72.88	8/23/2021	33	$72.88	385	$1.87	12
6/30/2021	$66.02	7/22/2021	29	$66.02	338	$1.92	12
6/1/2021	$70.96	6/23/2021	32	$70.96	373	$1.88	12
4/30/2021	$50.62	5/24/2021	30	$50.62	229	$1.42	8
3/31/2021	$34.76	4/22/2021	29	$34.76	117	$1.01	4
3/2/2021	$34.76	3/24/2021	32	$34.76	119	$0.92	4
1/29/2021	$42.10	2/22/2021	31	$42.10	171	$1.15	6
12/29/2020	$38.58	1/20/2021	29	$38.58	146	$1.12	5
11/30/2020	$38.52	12/22/2020	32	$38.52	150	$1.02	5
10/29/2020	$88.82	11/20/2020	30	$88.82	463	$2.37	15
9/29/2020	$52.86	10/21/2020	32	$52.86	249	$1.40	8
8/28/2020	$40.38	9/21/2020	29	$40.38	163	$1.18	6
7/30/2020	$45.26	8/21/2020	30	$45.26	197	$1.27	7

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	72938-86199

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amoı	Electric Usa	Cost Per Da	Avg kWh Per Day
7/30/2021	$74.02	8/23/2021	33	$74.02	393	$1.90	12
6/30/2021	$67.01	7/22/2021	29	$67.01	345	$1.95	12
6/1/2021	$71.96	6/23/2021	32	$71.96	559	$2.57	17
5/27/2021	$0.00	6/18/2021	29	$0.00	479	$2.51	17
5/4/2021	$0.00	5/26/2021	30	$0.00	496	$2.49	17
3/2/2021	$210.34	3/24/2021	32	$410.02	1368	$5.57	43
1/29/2021	$140.50	2/22/2021	31	$140.50	870	$3.84	28
12/29/2020	$59.27	1/20/2021	29	$59.27	293	$1.73	10
11/30/2020	$49.82	12/22/2020	32	$49.82	228	$1.32	7
10/29/2020	$54.96	11/20/2020	30	$54.96	229	$1.41	8
9/29/2020	$65.15	10/21/2020	32	$65.15	334	$1.72	10
8/28/2020	$40.27	9/21/2020	28	$40.27	162	$1.21	6
7/30/2020	$127.42	8/21/2020	30	$127.42	766	$3.60	26

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Numb	73736-31476

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Us	Cost Per D	Avg kWh Per Day
7/30/2021	$39.36	8/23/2021	30	$39.36	149	$1.11	5
6/30/2021	$35.77	7/22/2021	29	$35.77	124	$1.04	4
6/1/2021	$39.99	6/23/2021	32	$39.99	154	$1.05	5
4/30/2021	$42.67	5/24/2021	30	$42.67	173	$1.20	6
3/31/2021	$34.76	4/22/2021	29	$34.76	117	$1.01	4
3/2/2021	$38.83	3/24/2021	32	$38.83	148	$1.02	5
1/29/2021	$37.73	2/22/2021	31	$37.73	140	$1.03	5
12/29/2020	$48.87	1/20/2021	29	$48.87	219	$1.42	8
11/30/2020	$66.03	12/22/2020	32	$66.03	340	$1.75	11
10/29/2020	$80.89	11/20/2020	30	$80.89	408	$2.14	14
9/29/2020	$50.25	10/21/2020	32	$50.25	231	$1.33	7
8/28/2020	$44.32	9/21/2020	29	$97.08	190	$1.29	7
7/30/2020	$52.76	8/21/2020	30	$0.00	249	$1.49	8

Title Billing and Payment History
Account Nam OMNI WASTE OF OSC CTY LLC
Address 1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Num 46480-61076

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Usa	Cost Per Da	Avg kWh Per Day
7/30/2021	$51.72	8/23/2021	30	$51.72	236	$1.46	8
6/30/2021	$51.02	7/22/2021	29	$51.02	232	$1.49	8
6/1/2021	$48.36	6/23/2021	32	$48.36	213	$1.28	7
4/30/2021	$49.21	5/24/2021	30	$49.21	219	$1.38	7
3/31/2021	$46.64	4/22/2021	29	$46.64	201	$1.36	7
3/2/2021	$51.76	3/24/2021	32	$51.76	240	$1.37	8
1/29/2021	$54.92	2/22/2021	31	$54.92	262	$1.50	8
12/29/2020	$51.25	1/20/2021	29	$51.25	236	$1.49	8
11/30/2020	$57.77	12/22/2020	32	$57.77	283	$1.53	9
10/29/2020	$67.70	11/20/2020	30	$67.70	317	$1.77	11
9/29/2020	$193.95	10/21/2020	32	$99.02	568	$2.62	18
8/28/2020	$169.08	9/21/2020	29	$74.15	396	$2.16	14
7/30/2020	$94.93	8/21/2020	30	$0.00	541	$2.68	18

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	18020-32276

Bill Date	Bill Amoun	Due Date	Billing Day:	Total Amot	Electric Us:	Cost Per Da	Avg kWh Per Day
7/30/2021	$18.21	8/23/2021	30	$18.21	0	$0.51	0
6/30/2021	$18.21	7/22/2021	29	$18.21	0	$0.53	0
6/1/2021	$18.21	6/23/2021	32	$18.21	0	$0.48	0
4/30/2021	$18.21	5/24/2021	30	$18.21	0	$0.51	0
3/31/2021	$18.21	4/22/2021	29	$18.21	0	$0.53	0
3/2/2021	$18.03	3/24/2021	32	$18.03	0	$0.47	0
1/29/2021	$18.03	2/22/2021	31	$18.03	0	$0.49	0
12/29/2020	$18.03	1/20/2021	34	$18.03	0	$0.44	0
11/25/2020	$16.80	12/21/2020	28	$16.80	0	$0.50	0
10/28/2020	$21.80	11/19/2020	29	$21.80	0	$0.49	0
9/29/2020	$16.80	10/21/2020	32	$16.80	0	$0.44	0
8/28/2020	$16.80	9/21/2020	29	$33.60	0	$0.49	0
7/30/2020	$16.80	8/21/2020	30	$0.00	0	$0.47	0

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	11757-94261

Bill Date	Bill Amoun	Due Date	Billing Day:	Total Amoı	Electric Usa	Cost Per Da	Avg kWh Per Day
7/30/2021	$56.40	8/23/2021	33	$56.40	269	$1.44	8
6/30/2021	$51.59	7/22/2021	29	$51.59	236	$1.50	8
6/1/2021	$39.17	6/23/2021	32	$39.17	148	$1.03	5
4/30/2021	$68.29	5/24/2021	30	$68.29	354	$1.92	12
3/31/2021	$32.66	4/22/2021	29	$32.66	102	$0.95	4
3/2/2021	$38.55	3/24/2021	32	$38.55	146	$1.02	5
1/29/2021	$241.46	2/22/2021	30	$241.46	1587	$6.82	53
12/29/2020	$19.92	1/20/2021	30	$19.92	31	$0.63	1
12/4/2020	$0.00	12/28/2020	94	$0.00	0	$0.45	0
9/2/2020	$0.00	9/24/2020	88	$6.03	189	$0.74	2
6/1/2020	$65.12	6/23/2020	32	$189.68	336	$1.72	11
4/30/2020	$61.86	5/22/2020	30	$61.86	393	$1.73	13
3/31/2020	$32.73	4/22/2020	29	$32.73	111	$0.95	4
3/2/2020	$17.96	3/24/2020	32	$17.96	120	$0.89	4
2/3/2020	$0.00	2/25/2020	64	$0.00	246	$0.89	4
11/27/2019	$72.38	12/23/2019	28	$160.63	396	$2.20	14
10/30/2019	$31.42	11/21/2019	30	$31.42	112	$0.89	4
9/30/2019	$75.70	10/22/2019	31	$75.70	419	$2.07	14

Title	Billing and Payment History
Account Name	OMNI WASTE OF OSC CTY LLC
Address	1501 OMNI WAY, SAINT CLOUD, FLORIDA 34773-9177
Account Number	35540-33245

Bill Date	Bill Amoun	Due Date	Billing Days	Total Amou	Electric Usa	Cost Per Da	Avg kWh Per Day
7/30/2021	$172.41	8/23/2021	30	$172.41	1086	$4.87	36
6/30/2021	$143.81	7/22/2021	29	$143.81	888	$4.20	31
6/1/2021	$146.78	6/23/2021	32	$146.78	909	$3.89	28
4/30/2021	$118.78	5/24/2021	30	$118.78	711	$3.35	24
3/31/2021	$25.86	4/22/2021	29	$25.86	54	$0.75	2
3/2/2021	$28.58	3/24/2021	32	$28.58	75	$0.75	2
1/29/2021	$29.29	2/22/2021	31	$29.29	80	$0.80	3
12/29/2020	$25.92	1/20/2021	34	$25.92	56	$0.64	2
11/25/2020	$22.74	12/21/2020	28	$22.74	41	$0.68	1
10/28/2020	$24.06	11/19/2020	29	$24.06	50	$0.70	2
10/9/2020	$15.78	11/2/2020	60	$15.78	60	$0.59	1
9/3/2020	$0.00	9/25/2020	31	$15.97	72	$0.74	2
6/30/2020	$25.47	7/22/2020	29	$63.22	60	$0.74	2