

OPERATIONS PLAN



**U.S.A. RECYCLING CENTER
WASTE PROCESSING FACILITY
16711 GATOR ROAD
FORT MYERS, LEE COUNTY, FLORIDA
FDEP PERMIT NO: 0190025-002-SO (-003, pending)**

SUBMITTED TO:



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SUBMITTED FOR:



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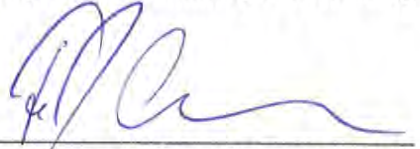
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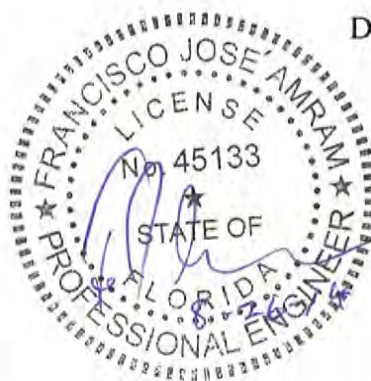
PROFESSIONAL CERTIFICATION

I certify that engineering interpretations in this Operations Plan and its listed tables and figures have been produced by me and staff under my direct supervision and are deemed to be in accordance with generally accepted engineering practices, in accordance with the requirements of Chapter 471, Florida Statutes. This manual is provided for the sole use and benefit of the current applicant, Progressive Waste Solutions of FL, Inc. and for review by the Florida Department of Environmental Protection. Utilization of this report by other parties or for other purposes is at their risk, and neither Environmental Consulting & Technology, Inc., nor I, am liable for consequences or damages extending therefrom.

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1. SUMMARY AND OVERVIEW OF OPERATIONS

The Florida Department of Environmental Protection (FDEP) issued a “Waste Processing Facility” permit number 0190025-003-SO for the operation of the “USA Recycling Center” facility (USA Recycling). The facility and its operations meet the applicable requirements of Section 710 of Chapter 62-701, Florida Administrative Code (F.A.C.). Compliant operations of the facility are described in this Operations Plan (Ops Plan). It provides all the relevant information required by Rule 62-701.710(4), F.A.C. The content of this manual is listed in the Table of Contents and has been updated to reflect the current and anticipated equipment and procedures. This Plan also includes Contingency Plans meeting the newer rule requirements for handling unauthorized wastes, shutdowns, fires, and other emergencies.

USA Recycling is permitted to perform the following “multiple waste management functions,” all covered under the one waste management facility permit from FDEP, as allowed by Rule 62-701.320(5)(c), F.A.C.:

1. Construction and demolition (C&D) debris recycling;
2. Recovered materials processing (e.g., PVC chipping, clean cardboard baling); and
3. Yard trash and clean wood chipping.

This Ops Plan details those functions. The enclosed Site Plan shows the tipping, storage and processing areas, and their permitted physical limits (areas and heights). Table 1 lists their storage capacities. No disposal occurs onsite. The waste and material processing functions are summarized as follows:

1. C&D Debris Recycling:

For its original permit in 2002 and its permit renewal in 2009, the facility met all applicable siting requirements and was permitted by FDEP as a Waste Processing Facility (WPF) for C&D debris. With the permit renewed, the facility continues to meet all applicable siting requirements.

The current permit (issued 2014) allows this facility to resume the receipt and processing of C&D debris, after resuming the previously permitted semi-annual groundwater monitoring. The facility will continue deferring receipt of C&D debris and deferring monitoring of groundwater, until an emergency or market demand warrants resuming those activities. While the C&D-related activities are deferred, the facility areas for C&D debris will be used for the processing of recyclable materials, as indicated on the site plan. The permitted C&D debris receipt and processing include:

- a. receiving loads from third party haulers,
- b. providing a trained operator during all C&D operations,
- c. providing a trained spotter during C&D load tipping and initial inspection,
- d. if manpower and time permit, recovering recyclable materials, namely clean PVC, clean cardboard, yard trash, and clean wood (for storage, chipping, baling, and recycling to market),
- e. storing remaining C&D debris residues on site, and,
- f. loading trucks that transfer the material to a permitted C&D debris disposal facility.

The C&D debris is received, processed and removed from the site:

- a. in no more than seven days, and thus exempt from having to provide financial assurance,
- b. or for longer storage times, with FDEP-approval (i.e., financial assurance in place).

2. Recovered Materials Processing:

- a. The facility receives the following recovered materials:
 - i. PVC,
 1. a recyclable plastic material,
 2. received in source-separated loads from 3rd party haulers,
 3. received from other PWSFL facilities after spotting and sorting there,
 4. for chipping or grinding at USA Recycling, and
 5. and for sale as a recycled raw material.

ii. Clean Cardboard

1. a recyclable paper material,
 2. received in source-separated loads from 3rd party haulers,
 3. received from other PWSFL facilities after spotting and sorting there,
 4. for baling and storage at USA Recycling, and
 5. for sale as a recycled raw material.
- b. These materials are included in the rule’s definition of C&D debris. However, they are also defined in Chapter 62-722, F.A.C. as “**Recovered Materials.**” Under both rule Chapters 62-701 and 62-722, F.A.C., recovered materials are ***not solid waste***.
- c. A facility processing these would not be a “solid waste management facility” if it met the conditions of paragraph 62-701.220(2)(c), F.A.C., which include registration as a “Recovered Materials Processing Facility” under Chapter 62-722, F.A.C. However, rather than register and report this operation separately, PWSFL includes this operation in the facility’s one WPF permit and WPF annual report.
- d. These recovered materials can be stored for up to one year before sending them to recyclers (as allowed by Chapter 62-722, F.A.C.).
- e. Financial assurance is *not* required (in Chapter 62-722, F.A.C.) for these recovered materials.
- f. Accordingly, a trained *spotter* is not required for receipt of these source-separated or pre-sorted non-waste materials. Even so, personnel are trained to identify, remove, and properly manage other materials and wastes.
- g. A trained *operator* is also not required for receipt and processing of these materials, although facility personnel are properly trained for their recycling functions.

3. Yard Trash and Clean Wood Chipping:

- a. The facility receives yard trash and clean wood,
 - i. a re-usable and recyclable material,
 - ii. received in source-separated loads from 3rd party haulers,
 - iii. received from other PWSFL facilities after spotting and sorting there,
 - iv. for chipping/mulching and storage at USA Recycling, and
 - v. for sale as a recycled raw material or product.
- b. Yard trash includes clean wood, by its rule definition.
- c. Yard trash and clean wood are tipped and stored separately from other materials.
- d. This operation is included in the facility's one WPF permit and WPF annual reporting, rather than registering and submitting annual reports per the rules of Chapter 62-709, F.A.C., Organics Processing Facilities.
- e. These materials can be stored for up to six (6) months (12 months for separately stored logs) before sending them to recyclers/composters or disposal facilities (Chapter 62-709, F.A.C.).
- f. Financial assurance is *not* required (in Chapter 62-709, F.A.C.) for these materials.
- g. Accordingly, a trained *spotter* is not required for receipt of these source-separated or pre-sorted materials. Even so, personnel are trained to identify, remove and properly manage other materials and wastes.
- h. A trained *operator* is also not required for receipt and processing of these materials, although facility personnel are properly trained for their processing.

2. FACILITY AND OPERATIONS DESCRIPTIONS

2.1 FACILITY LOCATION

The site location is shown on the street map in **Figure 1**, and the aerial photographs of **Figures 2** and **3** at scales of 1,500 and 400 feet (ft)/inch, respectively. The 4.8-acre property is located at 16711 Gator Road, which is located in Section 5, Township 46 south, Range 25 east, in Fort Myers, Lee County, Florida. The facility coordinates are Latitude 26° 29' 51" north and Longitude 81° 49' 30" west.

As evident, the site is located in a heavy industrial area, north of Alico Road, known as the Mainline Industrial Park. An unaffiliated business, USA Recycling YTPF, is located immediately adjacent to the site's eastern boundary. It processes yard trash and mulch.

2.2 PROCESS DESCRIPTION

Figure 4 illustrates the physical layout of the process and storage areas across the site. Material received flows through the process steps outlined below:

1. **Vehicle entry/exit:**

- a. Through Gator Road entrance gate or Mainline Parkway access gate, depending on most practical and safe vehicle flow, destination within the facility, and if weighing on the scale is needed for load measurement.

2. **Weighing and initial load inspection** (for unauthorized wastes):

- a. Loads of materials quantified by tonnage are weighed on the facility scale.
- b. Loads tallied by cubic yards, bales or pallets or other units are visually inspected upon entry to log their estimated volumes.
- c. **C&D debris:**
One trained spotter will inspect the incoming debris at the scale while weighing, before tipping, by questioning the driver, checking the generator/source name and county, reviewing the load description, removing the tarp cover and visually inspecting the load and classifying the approximate percentages of the different C&D debris types, looking for unacceptable wastes, and rejecting the load if appropriate.
- d. **PVC, organics (yard trash or clean wood), or clean cardboard:** Incoming loads shall first be weighed at the facility scale, if they will be tracked and paid by weight, and visually inspected by a facility employee upon entry.

3. Load tipping and inspection:

- a. **C&D debris:** A trained spotter (at least one, in accordance with the rule) will inspect the incoming C&D debris from ground level upon tipping. The spotter will visually scan the load for unacceptable wastes.
- b. **PVC, organics (yard trash or clean wood), or clean cardboard:**
 - i. Materials will be tipped or unloaded in the appropriate areas shown on the plan.
 - ii. Source-separated loads or those pre-sorted or else spotted at other PWSFL facilities will not be further inspected by trained spotters at this facility.
 - iii. Nonetheless, the trained workers look for and remove unwanted wastes and unauthorized materials in the course processing and recycling.

4. Initial debris separation:

- a. **C&D debris:**

A trained spotter or trained operator will inspect the load as it is initially spread using the loader/excavator. The trained operator may spot the separated debris from the loader/excavator. The debris will be initially spread, rolled, and sorted by workers into residues and targeted recyclables. They will remove and properly manage any identified Unauthorized Wastes. Any non-C&D special waste visually identified is manually (or with equipment) removed and placed into a container appropriate for that quantity and type of waste.
- b. **PVC and organics (yard trash, clean wood):**

With loader/excavator help, workers will spread and sort the incoming materials by colors into their bins (see Site Plan) for later grinding. They will remove and manage any other identified materials and wastes.
- c. **Clean cardboard:**

With equipment help, workers will stack the materials for later feeding into the baler. They will remove and manage any other identified materials and wastes, including unclean cardboard.

5. Chipper line (conveyor):

- a. Batches of PVC or organics are loaded onto the chipper line conveyor, which feeds the grinder/chipper's inclined feed-in conveyor.
- b. Workers look for unwanted materials, including any incidental treated wood wastes and other C&D residues.
- c. Any such C&D residues are removed from the line and placed into the two C&D residue storage bins (roll-offs), located alongside the chipper line conveyor.

- d. Any non-C&D special waste visually identified on the chipper line is also removed (manually or with equipment, as safety warrants) and placed into a container appropriate for that quantity and type of waste. Such waste is then disposed of in a proper and timely manner, according to its waste type and quantity.
 - e. Clean Wood or PVC continues, into grinder/chipper.
6. **Chipper – Morbark wood grinder:**
- a. Yard trash and clean wood, or PVC, is conveyor fed upwards into the grinder/mulcher/chipper.
 - b. Organics mulch is discharged beneath the mulcher and transferred to nearby stockpiles or containers, then to market.
 - c. PVC chips are fed into 1.3-cubic-yard super sack bags, then to market.
 - d. Nails and other metals are recovered by magnets in the grinder and discharged into a container/bucket. The metals are then put in an unregulated metals storage roll-off or other container for sale to market.
7. **C&D residue stockpiles and disposal – from organics or PVC chipping:**
- a. Un-recycled residues, including treated wood, are containerized alongside the chipper line conveyor.
 - b. When a C&D Residue bin contains a full load (or has reached its allowed storage time limit during receipt and processing of C&D Debris loads), the bin is weighed and hauled off to a permitted C&D transfer station or landfill for disposal.
8. **C&D debris sorting, storage, stockpiling and disposal:**
- a. After tipping and initially inspecting loads of C&D debris, the debris is moved with equipment to facilitate any manual sorting for recyclables.
 - b. Un-recycled residues are stockpiled as shown on the plan.
 - c. Residues are then loaded onto trucks, weighed, and hauled off to a permitted C&D disposal facility.
 - d. Any non-C&D special waste visually identified is also removed, containerized, and disposed of in a proper and timely manner, according to its waste type and quantity.
9. **Materials storage:**
All expected materials will be stored across the site as shown on **Figure 4.** .

10. Loading and weighing:

- a. Loading into transport trucks is performed adjacent to each outdoor stockpile or storage area.
- b. Roll-off containers are hitched to transport trucks.
- c. Pallets of cardboard, PVC sacks, etc., are loaded onto transport trucks.
- d. Outgoing loads are quantified and logged prior to shipment, and weighed on the scale when weight is needed in addition to volume or unit counts.

2.3 EQUIPMENT TYPES

Following are the equipment types used at the facility:

1. Truck scale;
2. Front end loader (e.g., 5-cubic-yard rubber tire one);
3. Excavator/trackhoe (e.g., 3 cy bucket);
4. Bobcat loader;
5. Chipper line conveyor, 5 Hp flat run, 10 Hp inclined run;
6. PVC and wood chipper: Morbark wood grinder, Model #1500 V-Mill, Morbark No. 305672, 400 Hp, 480Volts / 3 phase Electric;
7. Cardboard baler, electric;
8. Cleaning equipment, such as brooms, shovels, hoses, power broom;
9. Fire and dust control hoses, pipe, water pump; and
10. Safety equipment, such as work gloves, hi-visibility vests, helmets, boots, fire extinguishers, first aid kits, hearing protection, and safety glasses.

The equipment in use will be maintained in general accordance with manufacturer's specifications and requirements. Oil and fuel will be checked and added daily or as needed.

2.4 LITTER CONTROL AND VISUAL SCREENING

Tipping, processing, sorting, and storage will take place behind an approximately 8-foot-high screening wall to provide visual screening and wind blown debris containment. A motorized sweeper will be used as needed for daily litter control, along with personnel hand picking daily. (This satisfies Rule 62-701.710(3)(a), F.A.C.)

2.5 LEACHATE CONTROL AND GROUNDWATER MONITORING

Rule 62-701.710(3)(b), F.A.C. requires a leachate control system to prevent mixing of leachate with stormwater and to prevent standing water. However, Rule 62-701.710(1)(d)2, F.A.C. exempts the facility from the requirement for a leachate control system, since all waste storage/processing areas are covered by a groundwater monitoring plan (GWM Plan). The plan was approved with the original and prior permits. Accordingly, all runoff from the site drains (by overland flow) into the dry retention pond on the property (see Site Plan).

Ground water monitoring was performed and reported by the facility as required. An emailed letter from FDEP, dated April 17, 2013, **approved suspension of GWM as long as the facility does not receive C&D debris or other regulated wastes that warrant monitoring.** The recovered materials and organics processing described herein do not require GWM. **Should the facility resume receipt of C&D debris or other wastes then it shall resume the prior GWM according to FDEP directives to:**

1. Notify FDEP at least thirty (30) days prior to resuming activities requiring GWM;
2. Collect groundwater samples (in accordance with the applicable permit and GWM Plan) prior to operation;
3. Submit the results to FDEP within thirty (30) days of receipt of laboratory data; and
4. Pursuant to a meeting in March 2014 with FDEP, should an emergency such as a hurricane cleanup require such waste receipt, the 30-day pre-notification time frame shall be waived or reduced by FDEP.

2.6 STORMWATER RUNOFF

According to the South Florida Water Management District (SFWMD) permit, both leachate and runoff are captured in the facility dry detention pond. The pond was designed to retain runoff from a 25-year/3-day storm event with zero discharge. The stormwater drainage design presented in the original permit was also designed and built to prevent standing water, as required. On December 16, 2008, SFWMD issued a letter approving conversion of the surface water management system construction permit to

operating Permit No. 36-01019-S. The facility intends to keep the current stormwater drainage system.

The facility is designed to drain runoff using simple, reliable overland sheet flow toward the permitted retention pond. No storm drains or culverts are used upstream of the pond. These features minimize standing water and eliminate the potential for clogging or need for special maintenance. Facility personnel will check the pond outfall structure as required by SWFWMD or warranted by observations.

2.7 OPERATIONS PLAN IMPLEMENTATION AND UPDATES

This manual shall be reviewed and updated upon making any substantive changes to the facility operations or at a minimum upon application for permit renewal. The manual shall be implemented as the guide for personnel training and facility operation.

3. PERSONNEL

3.1 RESPONSIBLE STAFF AND TRAINING PLAN

The following is a list of essential personnel, functions, and related training requirements that will be met by facility personnel. Refer to a currently approved course list (such as published by the University of Florida Center for Training, Research and Education for Environmental Occupations) for current course numbers.

Person	Role	Staff Onsite	Initial Training, F.A.C. Rule Number, and FDEP-approved Course Number	Continued Training
Operation Manager	Operations management	1	16 hours, w/exam 62-701.320(15)(e), Course No. 197, 196	8 hours, every 3 years, Course No. 040632
Trained Operator	Waste sorting, inspection	1, all times	16 hours, w/exam 62-701.320(15)(b)2, Course No. 197, 196	8 hours, every 3 years, Course No. 040632
Trained Spotter	Waste inspection	1, all times	8 hours, w/exam 62-701.320(15)(c) , Course No. 203, 219, 257, 147	4 hours, every 3 years, Course Nos. 119 and 040632
Interim Operator	Waste sorting, inspection	as needed	Minimum one year experience, demonstrated competence to Operations Mgr., and supervised by Trained Operator. 62-701.320(15), and becomes Trained Operator within 1 year. 62-701.320(15)(f), F.A.C.	
Interim Spotter	Waste inspection	as needed	Demonstrated competence to Operations Mgr., and supervised by Trained Operator or Spotter per 62-701.320(15), and becomes Trained Operator or Spotter within 3 months per Rule 62-701.320(15)(h).	
Admin Staff	Scale operation, paperwork	as needed	No training requirements. To be trained in-house as needed by manager or other staff. 62-701.320(15)(e)	
Non-supervising operators, laborers, others	Waste sorting, etc., under direction of Trained Operator	as needed	No training requirements. To be trained in-house as needed by manager or other staff. 62-701.320(15)(e)	

Training will be documented at the facility. A list of trained operators and spotters, along with certificates, training dates, and schedule for refresher courses, will be kept onsite.

3.2 OPERATIONS (FACILITY) MANAGER

The proposed facility will be under the direct operational management of the Plant Operation Manager (a/k/a, facility manager). The manager will be responsible for ensuring that:

1. The plant's day-to-day operations comply with applicable federal, state, and local permits and rules.
2. All staff are properly trained as required by state and federal laws.
3. All activities at the facility are performed in accordance with this Operations and Maintenance Manual (O&M).
4. A trained operator and a minimum of one Trained Spotter are onsite at all times while the facility is processing/receiving debris or regulated wastes from third party haulers.

3.3 TRAINED OPERATOR

A trained operator shall be on duty at all times during plant operations, per Rule 62-701.710(4)(c)1, F.A.C. Only trained operators will maneuver the heavy equipment. The operators shall be capable of shutting down the equipment upon detection of any safety hazard that could jeopardize the safety of any personnel or could cause damage to the equipment. The operators shall maneuver the equipment with extreme care to prevent injury. According to FDEP rules, the trained operator may also serve as the trained spotter.

3.4 TRAINED SPOTTER

At least one trained spotter will be on duty at all times whenever waste is received at the facility, per Rule 62-701.710(4)(c)2, F.A.C. A spotter shall be stationed such that he/she can inspect each shipment of waste upon arrival at the facility for prohibited materials. In addition, a spotter shall inspect each shipment of waste/debris from ground level upon tipping.

3.5 OTHER PERSONNEL

Additional personnel will be employed and trained in house as needed to properly operate the facility.

4. OPERATIONAL PROCEDURES

4.1 DAILY START-UP PROCEDURES

For daily facility start-up, the plant manager will ensure that the facility is adequately staffed and that the equipment is ready before receiving and processing debris shipments. Staff will include a spotter, equipment operator(s), support staff for waste sorting, and administrative staff to process weight tickets and generator information.

The operators of the scale, loading, and sorting equipment will be responsible for checking their respective equipment items each morning before beginning operations. This will include visual inspection of hoses and fluids to ensure no significant leakage has occurred since the cessation of operations the prior day. The operator(s) will be responsible for reporting any significant operational deficiencies to the plant manager, who will oversee necessary remedial actions such as clean up, maintenance, repairs, or replacement of equipment.

4.2 REGULAR FACILITY OPERATIONS

Normal waste processing operations are described in **Section 2**, above (process flow and equipment) and in the enclosed figures. Please refer to that section/figures.

4.3 OPERATING AREAS

The areas for unloading, loading, processing, and storage are shown on **Figure 4. Table 1** presents the permitted storage capacities.

4.4 DAILY SHUT-DOWN PROCEDURES

By the close of business each day, a daily shutdown inspection will be conducted to ensure the following:

- Unrecyclable materials have not escaped the processing area;
- Materials are properly stored and covered as appropriate;
- All outdoor *waste* containers are covered at the end of each day and during inclement weather;

-
- Mobile equipment is inspected by its operator for leaks and mechanical problems;
 - Fixed sorting and processing equipment is shut down;
 - Fixed equipment is similarly inspected by its operator for leaks and problems;
 - In the event minor leaks or drips are detected, absorbent pads or catchment devices will be utilized and properly disposed to contain the leak until repairs can be made; and
 - The entry gate is locked shut.

The Contingency Plan section addresses other shutdowns (scheduled and unscheduled) that affect waste processing capacity.

4.5 OTHER ROUTINE FACILITY MAINTENANCE

Stormwater control structures, such as the outlet structure and culvert, will be inspected periodically (e.g., annually) for accumulated sediment. The sediment will be removed such that flow is unimpeded. The facility pavement will be swept or power broomed as needed.

The collected sediment shall be **stored with Class I waste in the MSW dumpster**. The sediment shall thus be disposed of as a Class I waste at a permitted Class I landfill, in accordance with a 2004 FDEP guidance document that recommends sediment and street sweepings be disposed of at a Class I landfill, a Class II landfill, or at a waste-to-energy plant.

Any areas where encountered putrescible wastes were stored or processed shall be cleaned at least weekly to prevent odor and vector problems, thus allowing putrescible waste storage for seven (7) days versus just 48 hours, as stated in Rule 62-701.710(4)(b), F.A.C. A dilute bleach solution may be used as needed.

Routine litter control is described in **Section 2.4**, above. Dust control measures such as water spraying shall be performed as needed. This facility will be operated in a fashion so as to minimize and control objectionable odors, as required by Rule 62-701.710(4)(d), F.A.C.

5. WASTE CONTROL PLAN

5.1 SITE ACCESS

The facility will operate between the hours of 6:00 am and 6:00 pm, Monday through Friday and 6:00 am and noon on Saturday. Appropriate signage at the entrance shall clearly indicate this. Access to the facility will be limited – by its existing fencing and concrete walls – to the two entry/exit security gates. These will preclude unauthorized entry and disposition of undesirable waste at this site. The owner/operator shall control public access to prevent illegal dumping, unauthorized vehicular traffic, and public expense. Normally, C&D debris and materials will only be received and processed during daylight hours.

5.2 ACCEPTED WASTE QUANTITIES

The daily loading shall be limited to keep the resulting storage volumes and storage times within their permit limits. Processing capacity can easily be augmented at this facility just by increasing staff, equipment, and/or active processing hours as needed, with supplemental lighting if necessary. As such, the FDEP permit does not need to stipulate a maximum daily loading.

5.3 ACCEPTED MATERIALS

A sign at the entrance gate will indicate the types of wastes (C&D debris) and materials accepted at this facility. For the current permit renewal in 2014, the facility can receive C&D debris after giving prior notice to FDEP and resuming groundwater monitoring. Without such monitoring, the facility will only accept recovered materials, recyclable materials, and organics (yard trash and clean wood). Signage will be kept current. The following subsections describe the categories of materials and wastes received, as defined in the Florida rules.

5.3.1 SOLID WASTES – C&D DEBRIS

USA Recycling is permitted to accept for processing C&D debris that meets the definition provided by the 2012 Rule 62-701.200(24), F.A.C. Before the facility actually

accepts such waste, it will provide FDEP with prior notice of intent to accept that waste, and the facility will resume groundwater monitoring before accepting the waste.

Following is the definition of the C&D Debris from the current rule referenced above, with specific relevant items highlighted:

(24) “Construction and demolition debris” means discarded materials generally considered to be not water soluble and non-hazardous in nature, including but not limited to steel, glass, brick, concrete, asphalt material, pipe, gypsum wallboard, and lumber, from the construction or destruction of a structure as part of a construction or demolition project or from the renovation of a structure, including such debris from construction of structures at a site remote from the construction or demolition project site. The term includes rocks, soils, tree remains, trees, and other vegetative matter that normally results from land clearing or land development operations for a construction project; clean cardboard, paper, plastic, wood, and metal scraps from a construction project; except as provided in Section 403.707(9)(j), F.S., yard trash and unpainted, non-treated wood scraps from sources other than construction or demolition projects; scrap from manufacturing facilities that is the type of material generally used in construction projects and that would meet the definition of construction and demolition debris if it were generated as part of a construction or demolition project, including debris from the construction of manufactured homes and scrap shingles, wallboard, siding concrete, and similar materials from industrial or commercial facilities and de minimis amounts of other non-hazardous wastes that are generated at construction or demolition projects, provided such amounts are consistent with best management practices of the construction and demolition industries. Mixing of construction and demolition debris with other types of solid waste will cause it to be classified as other than construction and demolition debris.

5.3.2 RECOVERED MATERIALS

The USA Recycling Center receives:

- Clean wood, for chipping/mulching and sale;
- PVC, a plastic material, for chipping and sale as a recycled raw material; and
- Clean cardboard, for baling and sale as a recycled raw material.

These materials qualify as C&D debris by the definition above. However, they also qualify as non-waste recyclable materials, which are not regulated as a waste.

The PVC and clean cardboard also classify as “recovered materials” that are *not* a solid waste. This is established in the “recovered materials” definitions of the 2012 Rule 62--

701.200(95), F.A.C. and in the “regulation of recovered materials” Rule 62-722.200(9), F.A.C., copied below [with **emphasis** and **highlighting** added]:

*(95) “Recovered materials” means metal, paper, glass, plastic, textile, or rubber materials that have known recycling potential, can be feasibly recycled, and have been diverted and source separated or have been removed from the solid waste stream for sale, use, or reuse as raw materials, whether or not the materials require subsequent processing or separation from each other, but does not include materials destined for any use that constitutes disposal. Recovered materials as described above are **not solid waste**.*

*(9) “Recovered materials” means metal, paper, (including cardboard), glass, plastic, textile, or rubber materials that have known recycling potential, can be feasibly recycled, and have been diverted and source separated or have been removed from the solid waste stream for sale, use, or reuse as raw materials, whether or not the materials require subsequent processing or separation from each other, but does not include materials destined for any use that constitutes disposal. Recovered materials as described above are **not solid waste**. Recovered materials do **not include** other important recyclable materials such as **lumber**, concrete, brick, wallboard, waste tires, used oil filters, and other materials that are not one of the six types of recovered materials that are specifically identified according to Section 403.703, F.S.*

As a result, the facility could register this operation annually under the recovered materials Rule 62-722, F.A.C. However, PWSFL prefers to cover this operation under the facility’s waste (C&D debris) processing permit [as may be allowed by Rule 62-701.320(5)(c), F.A.C.].

5.3.3 YARD TRASH AND CLEAN WOOD

Yard trash and clean wood loads are also received, for chipping into mulch product or raw material. These recyclable components of C&D debris are excluded from the recovered materials definitions above, and are defined in the 2012 solid waste Rule 62-701.200, F.A.C. as follows:

(16) “Clean wood” means wood, including lumber, tree and shrub trunks, branches, and limbs, which is free of paint, glue, filler, pentachlorophenol, creosote, tar, asphalt, chromated copper arsenate, other wood preservatives or treatments.

(135) “Yard trash” means vegetative matter resulting from landscaping maintenance or land clearing operations and includes materials such as tree and shrub trimmings, grass clippings, palm fronds, trees and tree stumps, and associated rocks and soils.

Chapter 62-709, F.A.C., Criteria for Organics Processing and Recycling Facilities, defines “yard trash” the same as above, but adds, “For purposes of this chapter, it also includes clean wood.” [62-709.201(25), F.A.C.] “Clean wood” is defined in the organics Rule 62-709.201(5), F.A.C. the same as it is in the solid waste Rule 62-701, F.A.C. above. Rule 62-709.201(26), F.A.C., states that a “yard trash processing facility” means “a yard trash transfer station or a facility at which yard trash is processed into a size-reduced, usable material or is composted, but does not include a facility used for the disposal of yard trash.”

Instead of a permit under Chapter 62-701, F.A.C., this yard trash and clean wood processing could be registered annually, as allowed by the organics processing Rule 62-709.320(1)(a), F.A.C., since the area meets the criteria of Rule 62-709.320(2)[design and operating requirements], F.A.C. However, PWSFL prefers to cover this operation under the facility’s same waste (C&D debris) processing permit. Organics processing Rule 62-709.320(1)(c), F.A.C., allows for this coverage under the waste facility permit, stating:

(c) If a facility is already authorized under another Department solid waste management facility permit, then facility registration under this rule is not required as long as that permit remains valid. However, an annual report must still be submitted.

5.4 UNACCEPTABLE WASTES

Unacceptable or unauthorized waste shall be considered any material not acceptable or allowed for processing through this facility. Such waste that evidently does not meet the definition of C&D debris will not be accepted at the facility. Examples are: household garbage, hazardous waste (i.e., batteries, oil, etc.), or any other type of material not normally accepted/processed at this type of facility.

Before resuming the groundwater monitoring and properly notifying FDEP in advance, the facility shall only accept the recyclable materials described above (yard trash and

clean wood, PVC, and clean cardboard), and all other types of material will be rejected.

5.5 WASTE INSPECTION PROCEDURES

In reality, unacceptable/unauthorized waste may occasionally be received inadvertently and detected during sorting. As described in **Sections 2.2, 3.3, and 3.4**, above and illustrated on **Figure 4**, incoming trucks from outside or third party haulers will be inspected by qualified personnel, first at the incoming scale and then, if accepted, at the applicable tipping and inspection area.

Unloading of accepted mixed loads of C&D debris will occur in the tipping areas. The trained operator or spotter shall inspect the waste upon tipping and initial spreading/sorting, per (2012) Rule 62-701.320(15)(d), F.A.C.

If a load is confirmed by inspection to contain only one type of recyclable material that will *not* require processing (e.g., yard trash or clean wood, PVC, or clean cardboard), that load may be unloaded directly into the outside stockpile of that recyclable material. If brought in by a third party hauler, the load would be re-inspected upon tipping and any mixed materials will be separated for processing. If brought in by another PWSFL facility after spotting and sorting at that other facility, the load will not require further inspection or spotting at USA Recycling.

5.6 UNAUTHORIZED WASTE HANDLING

5.6.1 GENERAL HANDLING

Upon identification by the trained spotter, the unacceptable waste shall be removed from the normal waste stream, and the manager of the facility notified. The manager shall determine the appropriate method of disposal in accordance with the type of unacceptable waste. When unauthorized waste is discovered, the heavy equipment operator must either move the unauthorized waste away from the active area for later removal and proper management, or must stop operation and notify another person on the ground or on other equipment who will come to the active area and remove the unauthorized waste before operations are resumed.

5.6.2 PUTRESCIBLE/HOUSEHOLD WASTE

Putrescible waste, as defined in Rule 62-701.200(91), F.A.C., will not be accepted by the facility. In the event that putrescible waste or household garbage is received inadvertently and detected during sorting, the following actions shall be taken:

1. The manager shall be notified;
2. If the generator's transport truck is still onsite, the waste shall be reloaded onto the truck for the generator to transport to an appropriately permitted facility;
3. Otherwise, the waste shall be segregated in a covered container and shall be disposed of at a FDEP-permitted municipal solid waste (Class I) landfill; and
4. In accordance with Rule 62-701.710(4)(b), F.A.C., the putrescible waste will not remain unprocessed for more than 48 hours (or, if vectors and odors are controlled, not for more than seven (7) days).

5.6.3 HAZARDOUS WASTE

For this O&M Manual, the term "hazardous waste" shall also include oil, fuels, wastes containing polychlorinated biphenyls, batteries, and other non-C&D "special wastes" as defined by FDEP that are of a hazardous nature, either environmentally or otherwise. In the event hazardous waste is identified:

1. The plant Operations Manager shall promptly notify FDEP, the transporter, and the generator of the waste, if known,.
2. The area where the wastes are deposited shall immediately be cordoned off from public access.
3. If the generator or hauler cannot be identified, the facility operator shall assure the cleanup, transportation, and disposal of the waste at a permitted hazardous waste management facility, in accordance with FDEP requirements.

Prior to acceptance by a licensed hazardous waste hauler (or other appropriate hauler, depending on the specific type/material of waste) and after completion of the initial contact with FDEP, the hazardous waste shall be placed into an appropriate separate container, if so directed by FDEP. If not doing so poses a problem or hazard, then it shall

be done before FDEP directs. At no time shall plant personnel relocate any identified hazardous material without first consulting with the plant Operations Manager. Movement of any ruptured bag/container shall be done in accordance with Federal regulations concerning the waste material.

Removal of all hazardous waste from the site shall occur within the time required by Chapter 62-730, F.A.C. Maximum allowable time frames that exceed the voluntary goal of one week will only be utilized if needed to ensure payment by the generator of the handling and disposal costs, and only if the temporary storage does not pose a danger to the facility or personnel. To also comply with (2012) Rule 62-701.710(4)(b), F.A.C., such unauthorized hazardous waste “received by the facility shall be segregated and transported to an authorized disposal or recycling facility within 30 days of receipt.”

5.6.4 OTHER NON-C&D, NON-HAZARDOUS “SPECIAL WASTES”

In summary, Class III wastes will be disposed of as Class III or Class I, and other non-hazardous, non-C&D special wastes will be disposed of as appropriate to the specific waste.

Wastes containing white goods, tires, paint, etc. will not be accepted at the facility. Should they be inadvertently accepted at the facility, a separate container appropriate to the quantity and content will be selected and provided for their temporary storage, until proper disposal can be arranged by the transporter or, where allowable, by USA Recycling.

The Class I waste will be stored in the MSW dumpster. Class III wastes will be separated, containerized, transported to, and disposed of at a Class III landfill. If sufficient Class III wastes are identified and segregated from a load to justify separate handling, they will be placed in a separate roll-off container. Otherwise, Class III wastes may be stored in the MSW dumpster and may be disposed of as Class I waste.

The roll-off labeled in the plans as “Misc./III/Special Waste” is available for storing any other special wastes, such as or tires or Class III waste, that may be encountered and

require separate containerization. **For closure cost estimating** (facility cleanup and disposal by FDEP), it was reasonable to assume that this would consist of Class III wastes and Class I sediment from final cleanup. In the closure estimate, it was assumed that this roll-off would be disposed of as a Class I waste.

White goods (appliances) and other unintended/received items containing Freon, oils, or other liquids will be handled and positioned (and not crushed) so as to prevent their loss of liquids/gasses. Such items will be stored in the maintenance building or in an appropriately sized container. They will be transported to a facility permitted to receive white goods.

The most appropriate container(s) will be used to meet any such need, since the quantity of any type of unacceptable waste cannot be predicted at this time. The above-mentioned containers for Class I, Class III, and other non-C&D special wastes are listed on the Table 1 (storage quantities) for closure cost estimating purposes. The material will be handled and disposed of by licensed/permitted operators/haulers/facilities in accordance with rules applicable to the specific type of special waste encountered.

5.7 DISPOSAL OF RESIDUES

Unmarketable recyclable materials, non-recyclable C&D materials, and C&D residues shall be loaded into trucks and transported to permitted Class I, Class III, or C&D landfills.

6. CONTINGENCY PLAN

This section provides contacts and describes procedures for emergencies and unplanned shutdowns or interruptions of facility operations or capabilities. The Facility/Operations Manager is designated as the person responsible for implementing this Contingency Plan.

6.1 EMERGENCY CONTACTS

Lee County Emergency Services has confirmed that it will serve the site. The following page shows the emergency contact telephone numbers to be posted at the facility:

Emergency Telephone Numbers:

FIRE: Lee County Fire Dept.: **Emergency: 911.**
Non-emergency: (239) 337-2000

SHERIFF: Lee County Sheriff: **Emergency: 911,** Non-emergency: (239) 477-1200

AMBULANCE: Lee County Emergency Medical Services (EMS)
Emergency: 911. Non-emergency: (239) 337-2000

HOSPITALS:

Gulf Coast Hospital
13681 Doctors Way, Ft. Myers, FL 33912
Phone (239) 343-1000

Lee Memorial Hospital
2776 Cleveland Ave, , Ft. Myers, FL 33901
Phone (239) 343-5000

Healthpark Medical Center
9981 South Healthpark Drive, Fort Myers, FL 33908
Phone (239) 343-5000

Appendix A provides maps and directions to these hospitals valid on July 16, 2014.

Florida Department of Environmental Protection (FDEP):

South District Office, Ft. Myers, Florida
During Normal Business Hours: (239) 344-5600
Attn: Mr. Jay Standiford, Compliance
Phone 239-344-5697
Fax 850-412-0590
Email: James.Standiford@dep.state.fl.us

FDEP Bureau of Emergency Response:

FDEP State Warning Point 1-800-320-0519
Fax: 1-850-413-9911

Lee County Emergency Operations Center Phone: 239-533-0622 , Fax: 239-477-3636

Recycling station address for reference: 16711 Gator Road, Fort Myers, FL 33912

In the event of an emergency at the facility, facility personnel (under Facility Manager's direction) shall notify the local government officials listed above and neighbors of the potential impacts of the emergency and provisions being taken to minimize those impacts, thus complying with 2012 Rule 62-701-320(16)(a)5, F.A.C. Subject neighbors will be those within proximity of the potential impacts of the emergency. Neighbors will be notified in person, unless being notified by the County Emergency Management Division listed above. Additional notifications related to shutdowns and fire control, etc., are specified in those respective sub-sections below.

6.2 SAFETY HAZARDS AND CONTROL METHODS

Potential safety hazards include the following:

- Fire and explosions,
- Heavy equipment, fixed crushing/grinding equipment, and vehicular accidents,
- Rotating equipment injuries,
- Contact with toxic or hazardous materials,
- Exposure to excessive dust, and
- Contamination of the environment.

Control methods to prevent these hazards include the following:

- Inspection of incoming waste,
- Employee training and training refreshers, including contingency planning,
- Provision of appropriate safety equipment, supplies, and staffing levels,
- Development of a Health and Safety Manual,
- Dust control, if warranted by site operating conditions and Occupational Safety and Health Administration (OSHA) requirements,
- Appropriate facility design features, and
- Properly specified and installed electric motors, wiring and lighting as applicable.

6.3 WORKER INJURIES

All injuries shall be immediately reported to the Operations Manager. The manager will

decide if the injured person needs basic first aid, should be directed to the hospital, or needs emergency medical services (EMS). In order to be protective, if there is any doubt or concern as to the appropriate response, if the injury is clearly serious, or if the manager is not immediately available, then plant staff will call EMS and, if appropriate, rush the injured person directly to the hospital.

6.4 WORKER SAFETY TRAINING

Worker safety training shall be provided in accordance with applicable sections of Title 29 of the Code of Federal Regulations Part 1910, under the OSHA Act. An OSHA-required Health and Safety Manual will be maintained at the office trailer, if required, and shall be accessible to all personnel onsite.

All employees shall be instructed in appropriate safety measures to prevent hazards such as those stated above. They will be instructed on how to respond in the event of an emergency, and to maintain a level of awareness of site hazards. Equipment operators will be given the OSHA-required training. In addition, the facility will maintain the necessary safety supplies and personal protective gear, such as safety vests, hard hats, gloves, safety glasses, dust masks, etc., for use by the employees.

Basic emergency procedures (such as contacting EMS/911) and emergency telephone numbers shall be prominently posted. Select employees will be trained in general first aid procedures. A first aid kit shall be maintained at the office.

The plant Operations Manager will be responsible for enforcing worker safety rules at the facility. Employees will be held responsible for complying with the rules. Unauthorized personnel shall not be allowed in the facility. All visitors must stop at the office to obtain permission to enter.

6.5 FIRE DETECTION AND CONTROL

There shall be fire extinguishers (and first aid kits) in the site office, maintenance building, processing building, and on all major heavy equipment. Fire protection is provided by local fire district and hydrants located adjacent to the property. Emergency

contact telephone numbers are listed in that section.

Fire detection will be in accordance with the Lee County Fire Marshal guidelines and local codes. It is anticipated that automatic fire detection and suppression equipment will not be required, due to the C&D nature of the debris. The facility is equipped with wash down hoses, supplied by fresh uncontaminated water, as well as two-inch water lines supplying the fire hose locations as shown on **Figure 4**. These and fire extinguishers will also be used in an initial response to a detected fire, provided personnel safety (first priority) allows such a response. If it is safe to do so, facility personnel shall isolate the area of the fire and shall carefully extinguish the fire. Otherwise, they will call the fire department immediately for assistance.

After the fire has been extinguished, the area of the fire will be carefully inspected to ensure that the fire has been completely extinguished. Facility equipment and procedures will be reviewed to determine what operations may continue and what portion of the operation is limited or inoperative. Debris may then be processed according to the remaining processing capabilities and the permit limitations (e.g., on storage volumes). The operations manager shall notify FDEP of the occurrence and provide any relevant information required, such as a description of the operating condition of the facility, impeded operations if any, etc.

In the event of an explosion, facility personnel will withdraw from the area, notify the fire department immediately, and shut down nearby ignition sources. Facility and fire department personnel will inspect the area affected to identify the source and any remaining potential source of explosion. Once the fire department approves, the operations manager will inspect the facility, assess capabilities, and resume limited or full processing as was described above.

In the case of a fire within a waste or material pile at a solid waste management facility, all reasonable efforts shall be made to immediately extinguish or control the fire. If the fire cannot be extinguished or controlled within an hour, the owner or operator shall

immediately [Rule 62-701.320(16)(c), F.A.C.]:

1. Implement this Contingency Plan;
2. Cease accepting waste for disposal in those areas of the facility impacted by the fire; and
3. Notify FDEP and the local government having jurisdiction over the facility of the fire and of the fire control plan being implemented by the owner or operator.
4. If the fire cannot be extinguished or controlled within 48 hours, the owner or operator shall notify the local fire protection agency and seek its assistance, and shall also notify the local government and any neighbors likely to be affected by the fire.

6.6 HURRICANE PREPAREDNESS

USA Recycling will commit available resources to secure the site and to transport as much material as possible to appropriate recyclers or end receivers, before the onset of expected inclement weather, such as an imminent hurricane or high winds. All material that cannot be removed from the site will be stored in available roll-off containers and covered as warranted. That material which cannot be properly disposed of, will be covered with tarps. Heavier available materials will then be placed on top of the roll-offs and tarped piles in an effort to limit air borne debris.

In the event of a hurricane or other natural disaster, the plant operator will coordinate with representatives of the Federal Emergency Management Agency, FDEP and/or Lee County. Facility operating capabilities may be useful to the Federal Disaster Recovery Program or other disaster cleanup operations. The facility will be inspected for damage and its capabilities confirmed prior to resumption of debris receipt and processing. Any damage that limits facility capabilities will be reported to FDEP if required.

6.7 OPERATIONAL INTERRUPTIONS

Scheduled or unscheduled shutdowns may occur, primarily, for equipment maintenance or repairs. During such shutdowns, the plant manager will evaluate what parts of the

processing operation will be shut down, for how long, and what processing activities can continue. Based on his evaluation, the plant manager will accept those additional C&D debris quantities that can be processed and stored within the allowable storage time and volume constraints, under the potentially impaired processing rate.

Materials will not be accepted in excess of the permitted storage amounts, and they will not be stored longer than permitted. As those limits are approached, the facility may continue to accept C&D debris by utilizing other existing, FDEP-permitted C&D processing or disposal facilities as alternatives or supplements to onsite processing. In the event this site is unable to receive debris during a shutdown, or if such receipt would cause permitted storage volumes or times to be exceeded, then the facility would refuse additional loads until additional capacity can be restored. The facility personnel will notify customers of any needed closure of the facility or of any need to refuse additional loads.

7. RECORDS AND REPORTING

7.1 *RECORDKEEPING PLAN*

As required by Rule 62-701.710(9)(a), F.A.C., the facility shall keep a daily log of the quantity and type of waste received, processed, stored, and removed from the site for recycling or disposal, including the county of origin of the waste, if known. The records will be compiled on a monthly basis, retained at the facility for three years, and shall be made available to FDEP for inspection.

Personnel training records described herein will also be kept on file, as will financial and safety records required by other laws, and copies of facility permits.

7.2 *ANNUAL REPORT*

As detailed in Rule 62-701.710(8), F.A.C., the facility shall submit an Annual Report to FDEP on FDEP Form 62-701.900(7), Annual Report for a Construction and Demolition Debris Facility, a copy of which is provided in **Appendix B**. The report summarizes the waste types and quantities, and states either the county of origin or that the county origin was not known. The report shall be submitted as required by April 1st each year, covering the preceding calendar year.

If required by FDEP in the permit, the facility shall separately report its recovered materials quantities on FDEP Form 62-701.900(27) and/or its and organics quantities on FDEP Form 62-701.901(3). Copies of both are also in the appendix.

8. CLOSURE PLAN AND FINANCIAL ASSURANCE

The current Rule 62-701.710(6), F.A.C., requires a facility closure plan, as provided in this section.

8.1 PRIOR NOTIFICATION

USA Recycling shall provide FDEP with prior written notice of the facility's intended:

- closing date (last date to receive waste, debris, or materials) and
- closure date (all debris and recovered materials removed, and facility secured), no later than 180 days (approximately six [6] months) after the closing date.

8.2 CLOSURE PROCEDURE

1. After the closing date, USA Recycling shall not accept or receive any debris or materials. [Rule 62-701.200(17), F.A.C.]
2. Within 30 days of receiving the last shipment of C&D debris or materials, USA Recycling shall remove or otherwise properly dispose of all solid waste and residue (non-recyclables) from the site, including any remnant putrescible material.
3. During this period, putrescible waste shall continue to be managed per this Ops Plan (thus, in accordance with Rule 62-701.710(4)(b), F.A.C.).
4. Closure will include removal of all recovered materials from the site. [Rule 62-701.710(6)(c), F.A.C.]
5. As defined in Rule 62-701.200(18), F.A.C., closure will include securing of the facility. This will include:
 - a. Power brooming of the facility pavement, and removal of sediment,
 - b. Rinsing of tipping and storage areas that may have contacted de minimis putrescible wastes with a diluted bleach solution,
 - c. Cleaning of the other (non-contact) storm sewer structures, and
 - d. Disposal of solids, residues, and sediment collected during the above

cleanings at a permitted Class I landfill.

6. The above closure tasks must be completed within 180 days after receiving the final solid waste shipment.
7. As defined in Rule 62-701.200(18), F.A.C., closure will also include long term monitoring and financial assurance.
8. Per Rule 62-701.710(6)(c), F.A.C., closure will include performing any contamination evaluation required by subparagraph 62-701.710(1)(d)2., F.A.C. According to that rule, this “facility that operates without a leachate control system shall perform a contamination evaluation as part of its closure activities, and shall continue to operate the groundwater monitoring system if the evaluation indicates the potential for groundwater contamination.”
9. The owner or operator shall certify in writing to the Department when closure is complete.
10. Each class of waste or material stored shall be sold or disposed of during closure according to its type.

The infrastructure, buildings and equipment on the site constitute marketable property and assets that do not need to be removed as part of the facility closure.

8.3 CLOSURE CERTIFICATION

When closure is completed, the owner or operator shall certify in writing to FDEP that closure is complete [Rule 62-701.710(6)(c), F.A.C.].

FDEP will make an inspection within 30 days to verify the closure and advise the owner or operator of the closure status.

8.4 FINANCIAL ASSURANCE

Since processed and unprocessed waste loads will be stored at the facility for a period of no more than seven (7) days, the facility will remain exempt from the requirements for providing financial assurance, as allowed by Rule 62-701.710(1)(d), F.A.C. If and when

the financial assurance specified by Rule 62-701.710(7), F.A.C., becomes required, for example, to accommodate longer processing times, then the appropriate financial assurance instruments shall be submitted for approval by FDEP.

Table 2 provides the estimate of closure costs. It was prepared for the most recent permit renewal application in 2014, and is based on the stockpile and storage quantities in **Table 1**, under operating mode “A”, when actual wastes (C&D debris) are received, and not just recovered materials and yard trash.

The engineering report submitted to FDEP with the permit application provides additional evaluations and conclusions about the facility’s financial assurance requirements.

TABLES

USA Recycling Center
Progressive Waste Solutions of FL, Inc.
16711 Gator Road, Fort Myers, Lee County, Florida
FDEP Permit #0190025-002-SO (-003 pending)
ECT # 140139 (formerly 070489 and 030934)

Stockpile	Pile Dimensions			Contour Areas			Heights		Volumes		Totals		SUBTOTALS
	Length	Width	Slope Horiz./Vert	Area 1	Area 2	Area 3	Height 2 - Hgt. 1	Height 3 - Hgt. 2	Volume 1	Volume 2	Volume	Volume	
Stockpile	ft	ft		sf	sf	sf	ft	ft	cu. ft.	cu. ft.	cu. ft.	CY	
MSW Roll-off - for Incidental Municipal Solid Waste, Class I (1 30-CY can or up to 4 cans @ 8 CY = 32 CY)	###	8	0	172			5		860	-	860	31.9	32
Incidental C&D Debris Roll-offs (two)	20	16	0	320			5		1,600	-	1,600	60	60
Unprocessed & Partly Processed C&D Debris				4,646	72		25		58,975	-	58,975	2,185	
Unprocessed & Partly Processed C&D Debris				2,423	1,697		6		12,360	-	12,360	458	
Unprocessed & Partly Processed C&D Debris				2,535	47		20		25,820	-	25,820	957	
SUBTOTAL													3,600
C&D Debris Sort, Stockpile and Loadout Area				10,308	8,800	2729	6	14	57,324	80,703	138,027	5,112	
C&D Debris Sort, Stockpile and Loadout Area				14,422	12,042	2258	6	19	79,392	135,850	215,242	7,972	
C&D Debris Sort, Stockpile and Loadout Area				8,704	6,387	1341	6	14	45,273	54,096	99,369	3,680	
SUBTOTAL													16,764
SUBTOTAL C&D Debris -- Processed and Unprocessed													20,424
PVC Sorting Area				1,835	517		10		11,760	-	11,760	436	
Chipped PVC or Mulch (Chipped Wood) Grinder Discharge Pile				2,000	416		12		14,496	-	14,496	537	
Wood Pile - Pre-Grinder (YT/CW)				2,909	2,023	876	6	6	14,796	8,697	23,493	870	
Misc. Recovered Materials Storage Roll-Offs											-	120	
Cardboard Drop-off and Storage for Baling	53	43	0	2,279			12		27,348		27,348	1,013	
Cardboard Bales	26	40		1,040			16		16,640		16,640	616	
Chipped PVC Storage Bins (outdoors)	11	40		440			8		3,520		3,520	130	
Chipped PVC Storage Bins (outdoors)	14	25		350			8		2,800		2,800	104	
Chipped PVC Storage Bins (outdoors)	8	12		96			8		768		768	28	
SUBTOTAL -- Recovered / Recylable Materials													3,854
						Total Stock Pile & Storage Volume =					653,078 cu. ft.	24,311 CY	24,311

IF Daily Loading Rate = x CY/day:

3000		CY / day x typ density of	0.24 Ton/CY =	718
5000		CY / day x typ density of	0.24 Ton/CY =	1,197
6000		CY / day x typ density of	0.24 Ton/CY =	1,437

USA Recycling Center
Progressive Waste Solutions of FL, Inc.
16711 Gator Road, Fort Myers, Lee County, Florida
FDEP Permit #0190025-002-SO (-003 pending)
ECT # 140139 (formerly 070489 and 030934)

Stockpile	Pile Dimensions			Contour Areas			Heights		Volumes		Totals		SUBTOTALS
	Length	Width	Slope Horz.:Vert.	Area 1	Area 2	Area 3	Height 2 - Hgt. 1	Height 3 - Hgt. 2	Volume 1	Volume 2	Volume	Volume	
Stockpile	ft	ft		sf	sf	sf	ft	ft	cu. ft.	cu. ft.	cu. ft.	CY	
MSW Roll-off - for Incidental Municipal Solid Waste, Class I	20	8	0	160			5		800	-	800	30	30
Incidental C&D Debris Roll-offs (two)	20	16	0	320			5		1,600	-	1,600	60	60
1. Unprocessed & Partly Processed C&D Debris				-	-		25		-	-	-	0	
1. Unprocessed & Partly Processed C&D Debris				-			6		-	-	-	0	
1. Unprocessed & Partly Processed C&D Debris				-	-		20		-	-	-	0	
SUBTOTAL													0
C&D Debris Sort, Stockpile and Loadout Area				-	-	0	6	14	-	-	-	0	
C&D Debris Sort, Stockpile and Loadout Area				-	-	0	6	19	-	-	-	0	
C&D Debris Sort, Stockpile and Loadout Area				-	-	0	6	14	-	-	-	0	
SUBTOTAL													0
SUBTOTAL C&D Debris -- Processed and Unprocessed													60
PVC Dump (Dropoff) Area				4,646	72		25		58,975	-	58,975	2,185	
PVC Sorting Area				1,835	517		10		11,760	-	11,760	436	
Chipped PVC or Mulch (Chipped Wood) Grinder Discharge Pile				2,000	416		12		14,496	-	14,496	537	
Yard Trash/Clean Wood (YT/CW) Dropoff and Stockpile				10,308	8,800	2729	6	14	57,324	80,703	138,027	5,112	
Wood Pile - Pre-Grinder				2,909	2,023	876	6	6	14,796	8,697	23,493	870	
Mulch (Chipped Wood) Stockpile				14,422	12,042	2258	6	19	79,392	135,850	215,242	7,972	
Mulch / PVC Loadout Area				2,423	1,697		6		12,360	-	12,360	458	
Misc. Recovered Materials Storage Roll-Offs (assume 4 for estimate)											-	120	
Empty Roll-Off Storage (extra) (empty, so zero waste/materials)									-		-	-	
Empty Roll-Off Storage (extra) (empty, so zero waste/materials)									-		-	-	
Cardboard Drop-off and Storage for Baling	53	43	0	2,279			12		27,348		27,348	1,013	
Cardboard Bales	26	40		1,040			16		16,640		16,640	616	
Chipped PVC Storage Bins (outdoors)	11	40		440			8		3,520		3,520	130	
Chipped PVC Storage Bins (outdoors)	14	25		350			8		2,800		2,800	104	
Chipped PVC Storage Bins (outdoors)	8	12		96			8		768		768	28	
SUBTOTAL - Chipped PVC Bins				886									263
SUBTOTAL -- Recovered / Recylable Materials													19,581
Total Stock Pile & Storage Volume =												527,829 cu. ft.	19,671 CY

SOURCE: ECT 2014

Table 2. Closure Cost Estimate

USA Recycling Center
 Progressive Waste Solutions of FL, Inc.
 16711 Gator Road, Fort Myers, Lee County, Florida
 FDEP Permit #0190025-002-SO (-003 pending)
 ECT # 140139 (formerly 070489 and 030934)

Part A. Applicable Items from the FDEP Closure Cost Form 62-701.900(28), effective Jan. 6, 2010:

Form Section No.	Line Item description	Qty.	Units	Unit Rate	Amount	Total toward Closure Cost
IV.1 to 9	Not Applicable				\$0	
IV.10	Engineering - Certificate of Closure	1	LS	\$ 1,200	\$ 1,200	
IV.11	Professional Services					
	Contract Mgt. and Engineering Supervision	4	hours	\$ 167	\$ 668	
	On-site Technician	30	hours	\$ 77	\$ 2,310	
	GIS and Admin Support	4	hours	\$ 65	\$ 260	
	Contingency on all above items	10%		\$ 4,438	\$ 444	
	SUBTOTAL Engineering and Professional Services					\$ 4,882
IV.13	13. Site Specific Costs					
	Mobilization				\$1,000	
	Waste Tire Facility				\$0	
	Materials Recovery Facility				\$0	
	Special Wastes				\$0	
	Leachate Management System Modification				\$0	
	Other (explain): Load, Haul, Dispose of Solid Waste (C&D Debris and MSW), per detailed estimates below.				\$175,729	
	SUBTOTAL Site Specific Costs					\$ 176,729
	TOTAL ESTIMATED CLOSING COSTS					\$ 181,611

NOTE:

With prior FDEP approval, the Facility shall be exempt from having to provide Financial Assurance:

A) while it operates under the 7-day waste (C&D Debris) receipt-to-removal time limit, and/or

B) when the facility suspends receipt of solid waste loads (C&D Debris)

and receives only the Recovered Materials and Yard Trash/Clean Wood.

Additional technical notes on next page.

Part B. Quantities, Unit Rates, and Costs for Loading, Hauling and Disposing of Materials, based on Stockpile and Storage Estimate Table

Stock pile Area Number	MATERIAL	Disposal Destination for a Default Closure:	STORAGE CAPACITY					UNIT COSTS					COSTS			TOTAL COSTS	EXEMPT from Financial Assurance?	Reason	
			Tons*	Density (T/CY)	Basis for Density	CY	gal	Loading (\$/cy)	Hauling (\$/ton)	Hauling (Lump Sum)	Disposal (\$/Tons)	Disposal (\$/CY)	Disposal (\$/gal)	Loading	Hauling				Disposal
	Solid Waste Materials		Subtotal of Waste Items below 20,456																
8.1	Class I, 4 Containers @ 8 CY	Class I MSW Facility	7.1	0.22	1	32		\$ 0.44	\$ 11.49		\$ 35.00	\$0.00		\$14	\$81	\$248	\$344	No, unlessoperating under 7-day removal time limit
14	C&D Debris - Incidental - 2 Roll-Offs	C&D Disposal Facility				60		\$ 0.44	\$ 11.49		\$ 22.52	\$0.00		\$27	\$165	\$324	\$515	No, unlessoperating under 7-day removal time limit or when facility receives only Recovered Materials and Yard Trash/Clean Wood (and not loads of C&D Debris)
1.A, 7.A, 9	Unprocessed & Partly Processed C&D Debris	C&D Disposal Facility	14	0.24	1														
1.A, 7.A, 9	Unprocessed & Partly Processed C&D Debris	C&D Disposal Facility	862	0.24	1	3,600		\$ 0.44	\$ 11.49		\$ 22.52	\$0.00		\$1,600	\$9,903	\$19,410	\$30,913	No, unlessoperating under 7-day removal time limit
4.A, 6.A,10	C&D Debris Sort, Stockpile and Loadout Area	C&D Disposal Facility	4,014	0.24	1	16,764		\$ 0.44	\$ 11.49		\$ 22.52	\$0.00		\$7,451	\$46,117	\$90,388	\$143,956	No, unlessoperating under 7-day removal time limit
	Yard Waste and Clean Wood		Subtotal of Items below 870																
5	Wood Pile - Pre-Grinder (YT/CW)	Yard Trash / Clean Wood Facility				870											\$0.00	Yes	Fin.Assur. NOT required per F.A.C. 62-709.
	Recovered Materials		Subtotal of Items below 3,113																
2	PVC Sorting Area	Recycler				436											\$0.00	Yes	Recovered Materials, not solid waste
3	Chipped PVC or Mulch (Chipped Wood) Grinder Discharge Pile	Recycler				537											\$0.00	Yes	Recovered Materials, not solid waste
8	Misc. Recovered Materials Storage Roll-Offs	Recycler				120											\$0.00	Yes	Recovered Materials, not solid waste
11	Cardboard Drop-off and Storage for Baling	Recycler				1,013											\$0.00	Yes	Recovered Materials, not solid waste
12	Cardboard Bales	Recycler				616											\$0.00	Yes	Recovered Materials, not solid waste
13.1	Chipped PVC Storage Bins (outdoors)	Recycler				130											\$0.00	Yes	Recovered Materials, not solid waste
13.2	Chipped PVC Storage Bins (outdoors)	Recycler				130											\$0.00	Yes	Recovered Materials, not solid waste
13.3	Chipped PVC Storage Bins (outdoors)	Recycler				130											\$0.00	Yes	Recovered Materials, not solid waste
	Total Costs for Load, Haul, Disposal													\$9,092	\$56,267	\$110,370	\$175,729	Exempt under certain operating conditions.	

Specific Disposal Facilities:

Class I MSW Facility : Lee County Incinerator
 C&D Disposal Facility SLD Disposal Facility

Table 2. Closure Cost Estimate

USA Recycling Center
Progressive Waste Solutions of FL, Inc.
16711 Gator Road, Fort Myers, Lee County, Florida
FDEP Permit #0190025-002-SO (-003 pending)
ECT # 140139 (formerly 070489 and 030934)

TECHNICAL NOTES:

1. Density Basis:

#1 = Table 2 Estimate of 2006 Permit Renewal documents, Tampa Materials Transfer facility.

#2 = Concrete: Engr. estim. = 150#/cf*27 cf/CY x 1 ton/ 2000 # x assumed non-void ratio of 40%

#3 = "Conversion Factors for Individual Material Types", by CalRecovery to Calif. Integrated Waste Mgt. Board, 1991 (typical upper end density = 0.22)

2. An hourly rental rate for a loader is

\$ 100 /hr, and the loader can load approximately

3. The cost to HAUL C&D debris (to C&D or Class III LF) or MSW (to County Incinerator or LF) is approx.

4. Disposal Fee - C&D Debris, at C&D Debris Disposal Facility

5. Disposal Fee - Class I at Lee County Solid Waste Incinerator

4. The cost to haul Class I waste to the County disposal site is :

5. At above rate / hour, Estim. Vol. requires estim. hours to load = $20.456 \text{ CY Waste} \times \frac{1}{225} \frac{\text{hour}}{\text{CY}} = 91 \text{ hours} = 11.4$

225 CY/hr, then, the load. cost is \$ 0.44 /CY x CY/T \$1.86 / Ton
\$ 220 /load, and each load contains 80 CY. Therefore , the hauling cost is \$ 22.52 per Ton
\$ 35.00 per Ton
\$ 170 /load, and each load contains up to 32 CY. Therefore , the hauling cost is \$ 5.33 /CY x CY/T = 22.26
Loader days (can use more than 1 loader to shorten time

based on : \$ 800 / day over 8-hour day, per quote for loader
\$ 2.75 /CY x CY/T = 11.49
\$/Ton
22.26
\$/Ton

Source: PWSFL, 2011, 2014; vendors: ECT, 2014

FIGURES

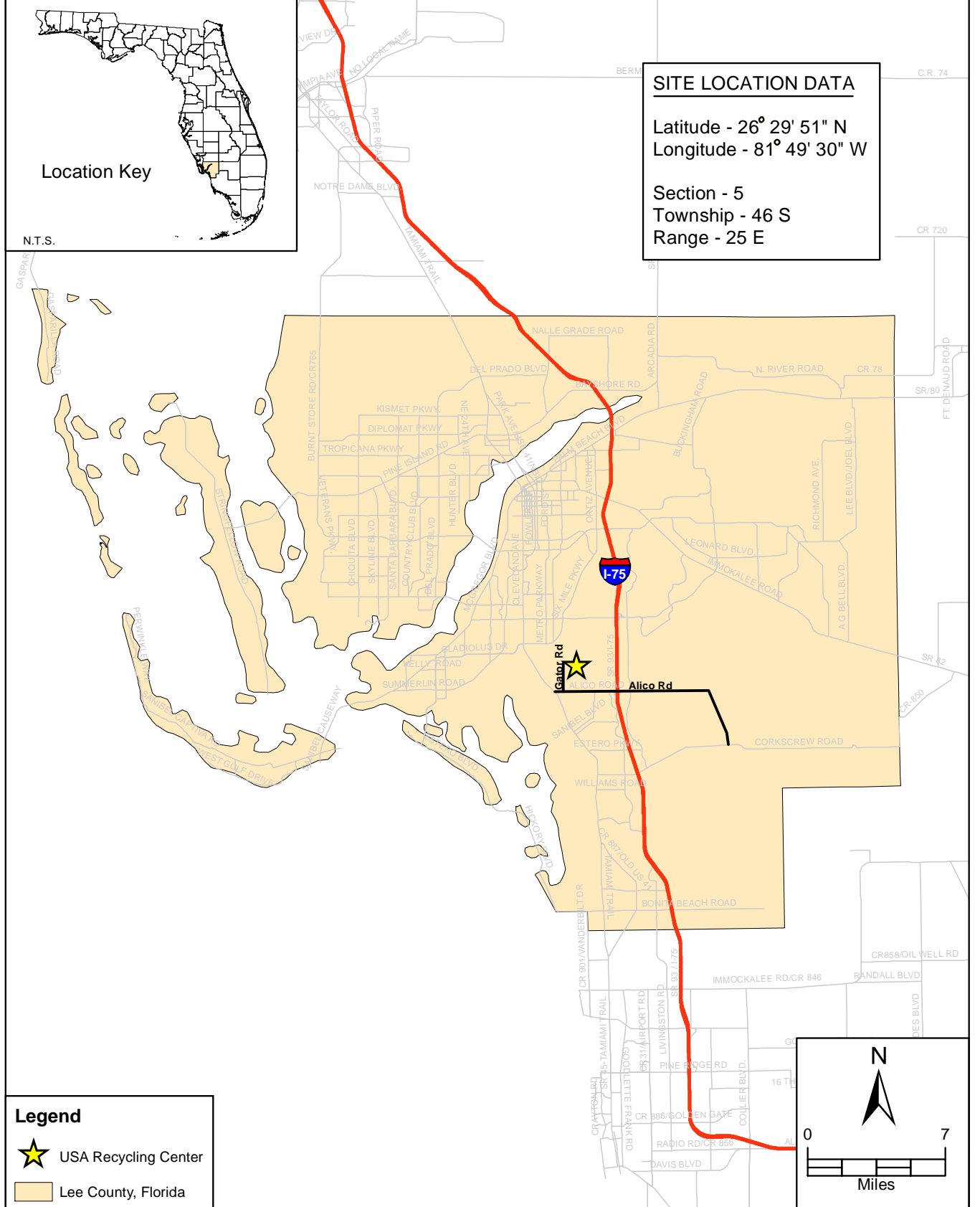


FIGURE 1
SITE LOCATION MAP
USA RECYCLING
LEE COUNTY, FLORIDA

Sources: FGDL 2006; ESRI Street Map Data 2010; ECT, 2014.

ECT

Environmental Consulting & Technology, Inc.



FIGURE 2
AERIAL PHOTOGRAPH
USA RECYCLING
LEE COUNTY, FLORIDA

Sources: USDA Aerial Photograph, 2013; ECT, 2014.

ECT Environmental
Consulting &
Technology, Inc

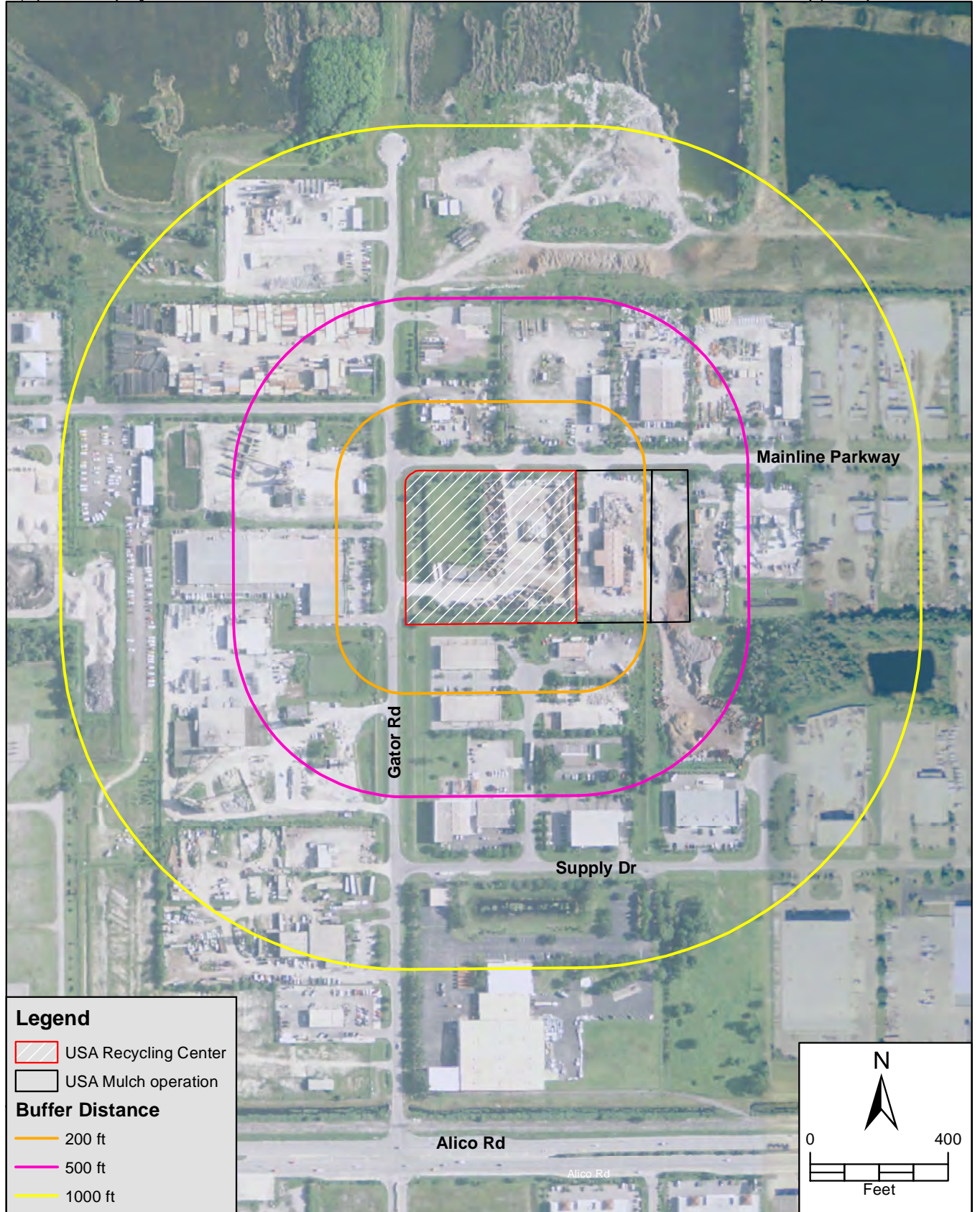
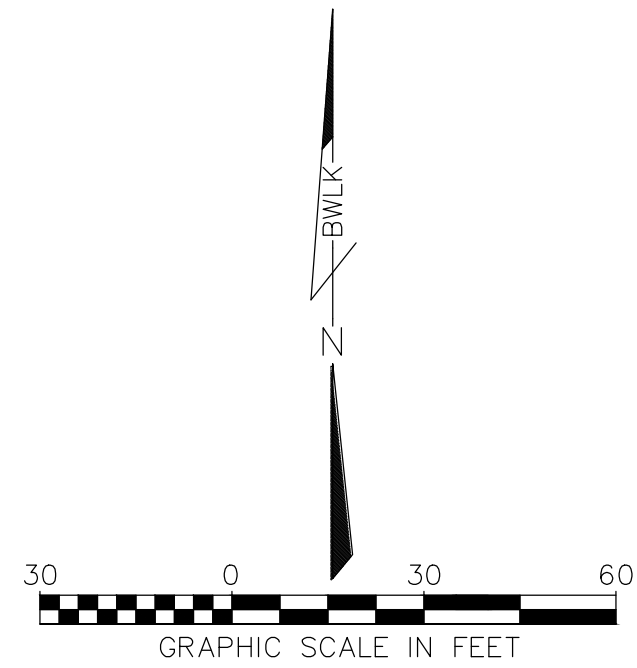


FIGURE 3
AERIAL PHOTOGRAPH-CLOSE UP
USA RECYCLING
LEE COUNTY, FLORIDA

Sources: Lee County Data 2007; USDA Aerial Photograph, 2013; ECT, 2014.

ECT

Environmental Consulting & Technology, Inc.



NOTES:

1. OUTDOOR ROLL-OFF CONTAINER LOCATIONS AND CONTENTS SUBJECT TO CHANGE TO MEET OPERATIONAL NEEDS AND ACTUAL MATERIAL FLOWS.
2. MSW = MUNICIPAL SOLID WASTE (INCL. HOUSEHOLD PUTRESCIBLE WASTES).
3. PROCESS STEPS ARE DESCRIBED IN O&M MANUAL.
4. DRAWING BASED ON DRAWING FILE "FDEP EXHIBIT.DWG", SHEET C-1A, DATED 3/29/2001, REVISED 11/15/2001, BY BEAN, WHITAKER, LUTZ & KAREH, INC.
5. PROPERTY AREA = 209,481 SF = 4.809 ACRES
6. CAUTION: THE INDICATED HEIGHTS OF THE CARDBOARD STORAGE AND MATERIAL STOCKPILES SPECIFIED IN THIS PLAN ARE FOR PERMIT CAPACITIES ONLY. HEIGHTS SHALL BE REDUCED IF / AS NEEDED TO COMPLY WITH OSHA AND TO ENSURE WORKER SAFETY ACCORDING TO FACILITY SAFETY AUDITS (WHICH ARE OUTSIDE THE SCOPE OF THIS ENGINEERING PLAN).
7. THE OWNER OR OPERATOR (AND NOT THE ENGINEER OF RECORD) IS RESPONSIBLE FOR IDENTIFYING AND COMPLYING WITH STRICTER (LOWER) STOCKPILE HEIGHT LIMITS, IF ANY ARE IMPOSED BY DEED RESTRICTIONS OR INDUSTRIAL PARK OR MUNICIPAL CODES.

LEGEND

- [F] FIRE HOSE (SERVED BY 2" WATER MAIN)
- 0'-A=3,000 STOCKPILE ELEVATION CONTOUR (FT) AND AREA (SQ. FT)
- "E" CONVEYOR NAME
- [] CONCRETE SUPPORT & BIN WALL
- (1) STOCKPILE NUMBER (FOR STORAGE ESTIMATE TABLE)
- (A) (B) ALTERNATE USES OF STOCKPILE
- MW-1 MONITORING WELL LOCATION (APPROXIMATE LOCATION)
- 10 YD. 10 CY ROLL-OFF CONTAINERS
- 20 YD. 20 CY ROLL-OFF CONTAINERS
- ALUM. 30 CY ROLL-OFF CONTAINER & CONTENTS
- M.S.W. 10 TO 30 CY ROLL-OFF FOR INCIDENTAL MUNICIPAL SOLID WASTE

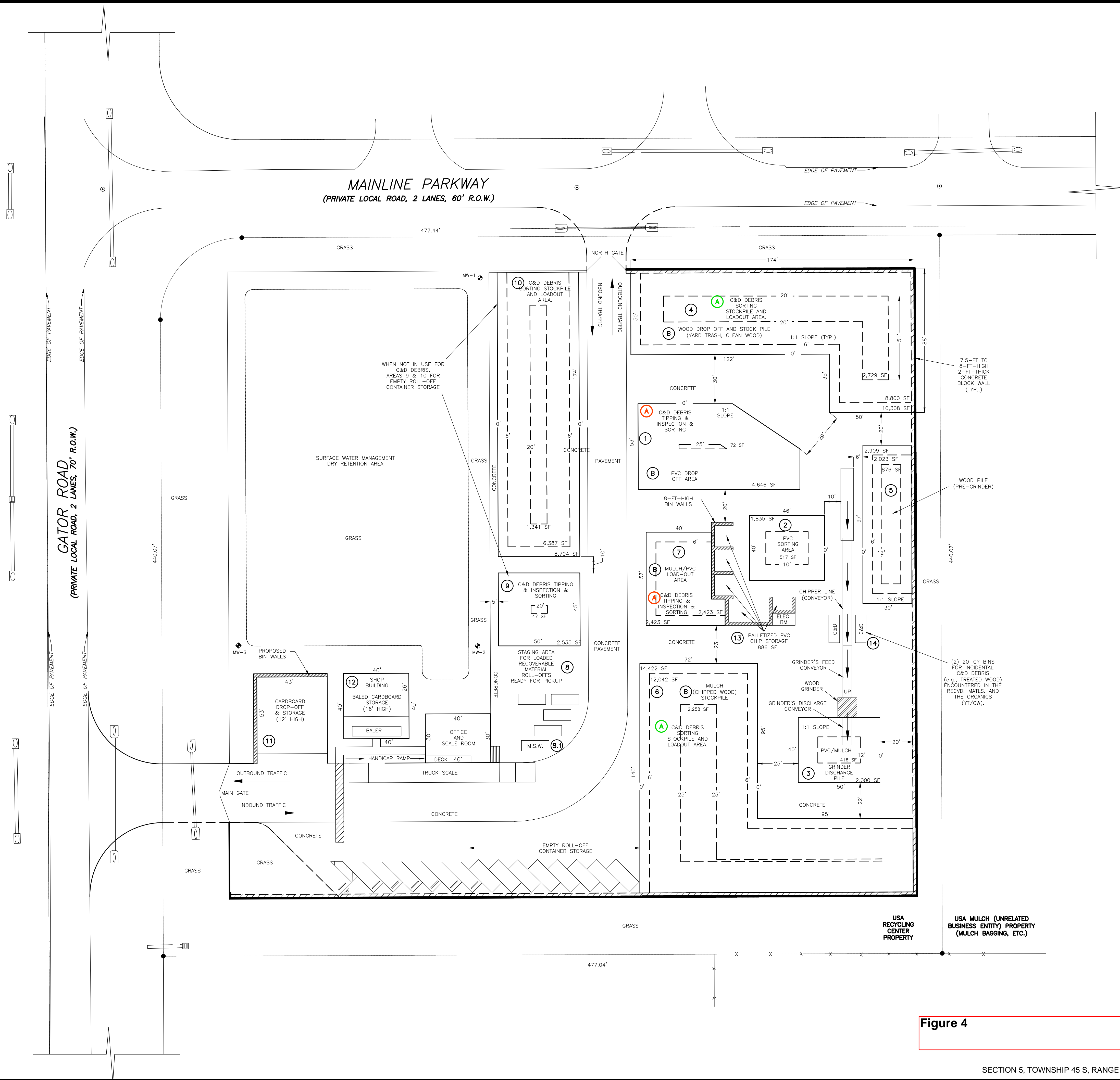


Figure 4

NO.	DESCRIPTION	DATE
1	FINAL FILE LAYOUTS	11/26/07
2	MODIFIED LAYOUT & MATERIALS 2014 PERMIT RENEWAL	07/23/14

APPROVED:

FRANCISCO J. L. "PACO" AMRAM
FLORIDA REG. #45133
ENGINEER

ECT Environmental Consulting & Technology, Inc.
1408 North Westshore Boulevard, Suite 115
Tampa, Florida 33607
Phone: (813) 289-3338
Fax: (813) 289-3338
FL Engineering Business Certificate No. 5520

Drawn by: JS
Reviewed by: FJA
Date: 6/27/07
File Name: 2007 USA Process
JOB #: 140139-0100

USA RECYCLING CENTER
USA RECYCLING HOLDINGS, LLC / PROGRESSIVE WASTE SOLUTIONS OF FLORIDA, INC.
FORT MYERS, LEE COUNTY, FLORIDA

PROCESS LAYOUT AND STORAGE PLAN

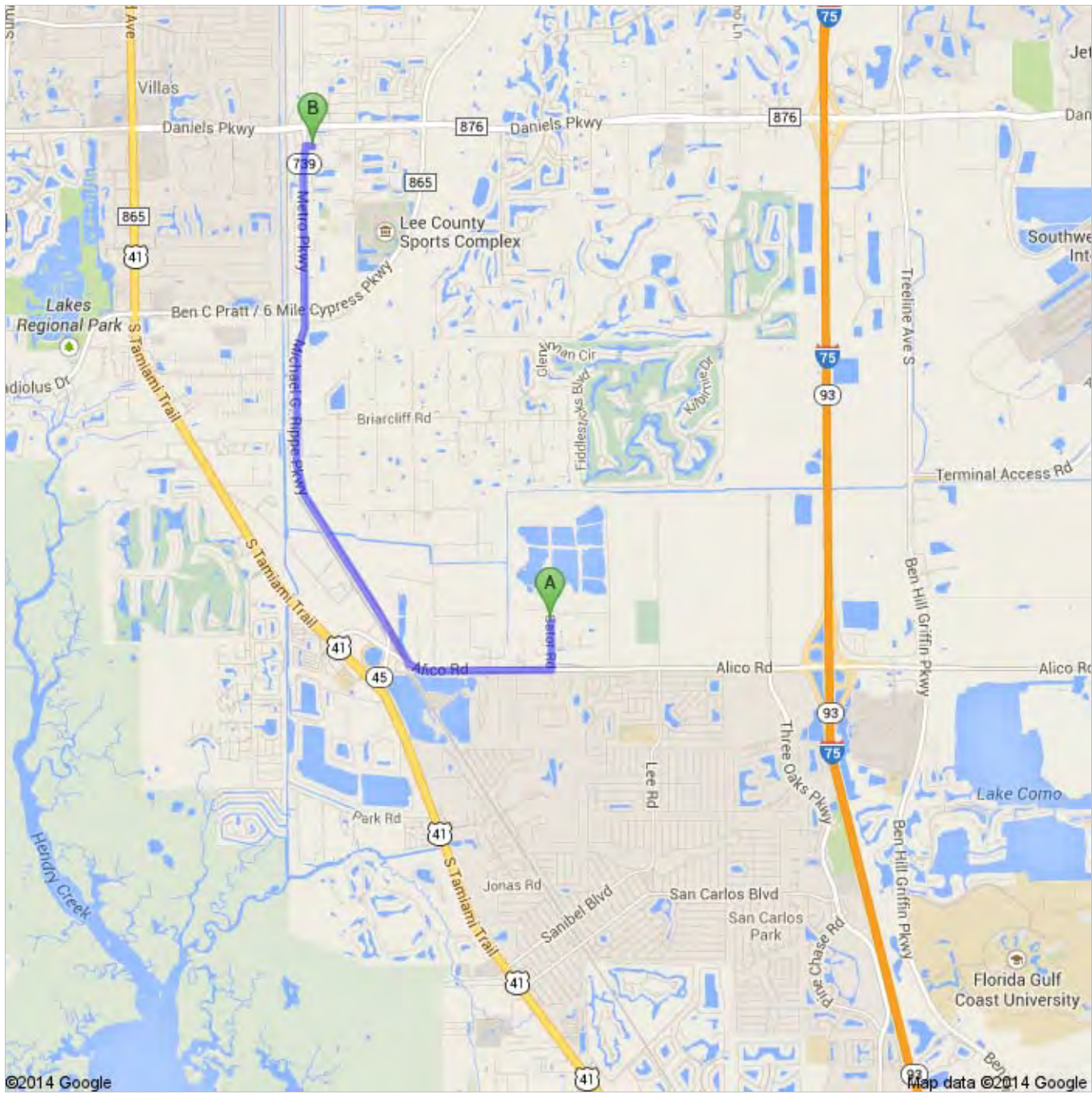
SCALE:
1" = 30'
(ON 24"X36")


SHEET
1
OF 1

APPENDIX A
HOSPITAL MAPS AND DIRECTIONS



Directions to Gulf Coast Medical Center
13681 Doctors Way, Fort Myers, FL 33912
5.1 mi – about 8 mins



 16711 Gator Rd, Fort Myers, FL 33912

1. Head **south** on **Gator Rd** toward **Supply Dr**
About 49 secs

go 0.3 mi
total 0.3 mi



2. Turn right onto **Alico Rd**
About 1 min

go 1.0 mi
total 1.3 mi



3. Take the ramp to **US 41/Alico Rd**

go 0.5 mi
total 1.8 mi

4. Merge onto **Michael G. Rippe Pkwy**
About 3 mins

go 2.1 mi
total 3.9 mi



5. Continue onto **FL-739**
About 2 mins

go 1.1 mi
total 5.1 mi




6. Turn right onto **N Gulf Coast Ln**

go 253 ft
total 5.1 mi



7. Take the 1st right onto **Doctors Way**
Destination will be on the left

go 36 ft
total 5.1 mi

 **Gulf Coast Medical Center**
13681 Doctors Way, Fort Myers, FL 33912

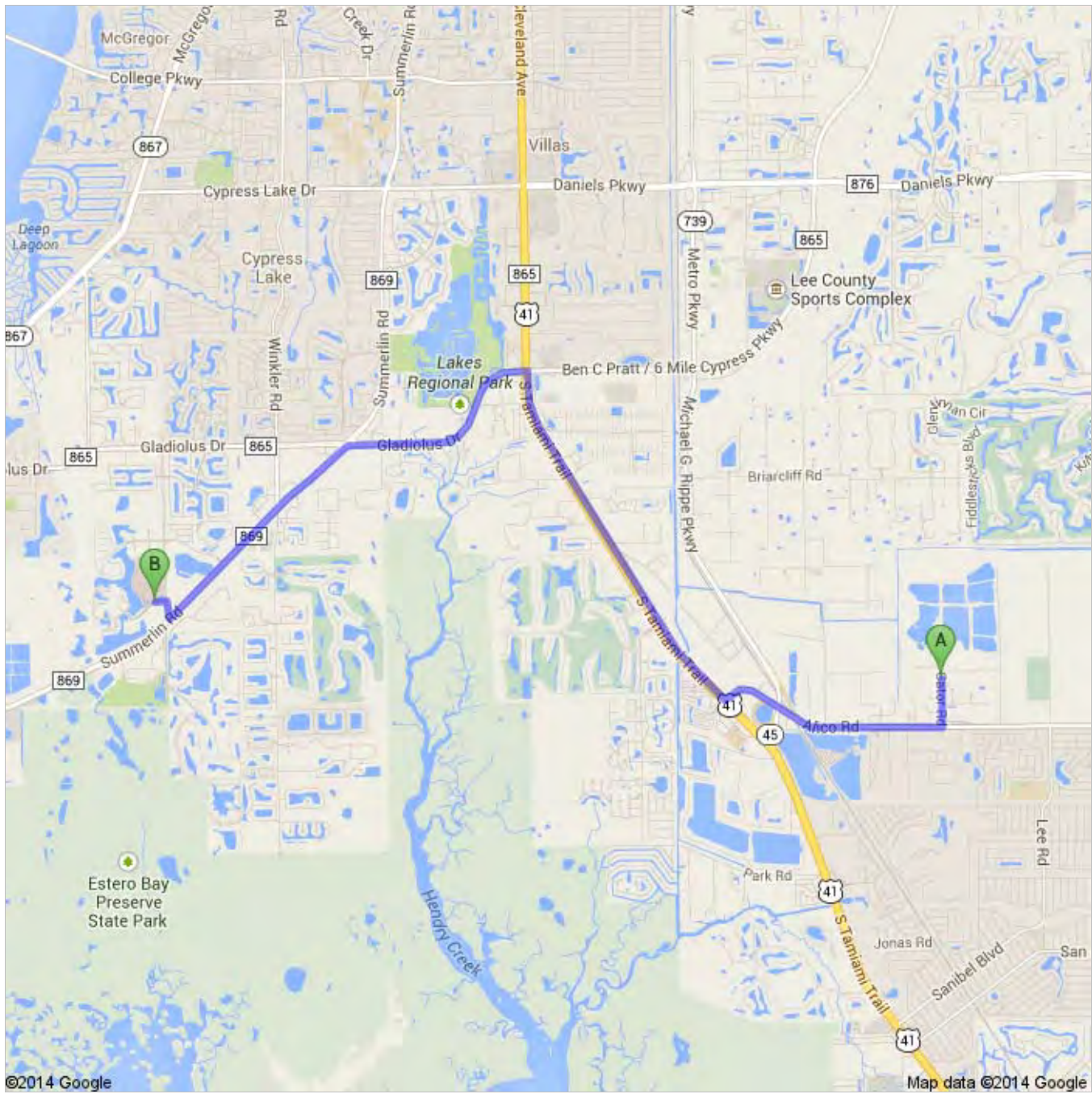
These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.


Map data ©2014 Google








Directions weren't right? Please find your route on maps.google.com and click "Report a problem" at the bottom left.



Directions to Healthpark Medical Center
9981 S Healthpark Dr, Fort Myers, FL 33908
8.0 mi – about 12 mins



 16711 Gator Rd, Fort Myers, FL 33912

- | | |
|--|---------------------------|
| 1. Head south on Gator Rd toward Supply Dr | go 0.3 mi
total 0.3 mi |
|  2. Turn right onto Alico Rd
About 2 mins | go 1.6 mi
total 1.9 mi |
|  3. Turn right onto U.S. 41 N
About 4 mins | go 2.7 mi
total 4.6 mi |
|  4. Turn left onto Gladiolus Dr
About 2 mins | go 1.2 mi
total 5.8 mi |
|  5. Merge onto County Rd 869 S/Summerlin Rd via the ramp on the left to Ft Myers Beach/ Sanibel S/Captiva
About 3 mins | go 2.0 mi
total 7.8 mi |
|  6. Turn right toward Bass Rd | go 102 ft
total 7.8 mi |
|  7. Turn right onto Bass Rd | go 0.1 mi
total 7.9 mi |
|  8. Turn left at the 2nd cross street onto S Healthpark Dr
Destination will be on the right | go 417 ft
total 8.0 mi |

 **Healthpark Medical Center**
9981 S Healthpark Dr, Fort Myers, FL 33908

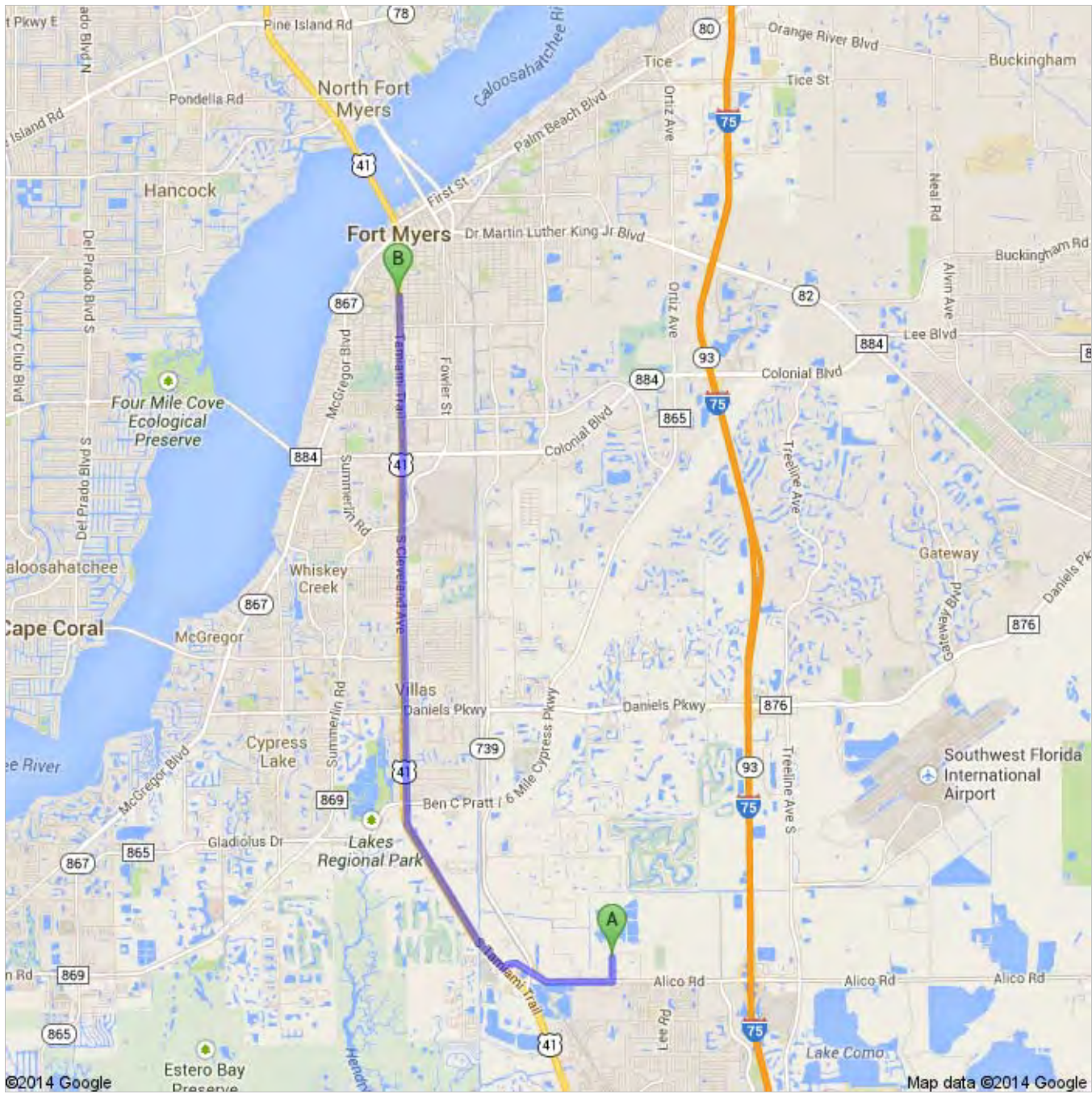
These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.


Map data ©2014 Google

Directions weren't right? Please find your route on maps.google.com and click "Report a problem" at the bottom left.
--




Directions to Lee Memorial Hospital
2776 Cleveland Ave, Fort Myers, FL 33901
11.5 mi – about 18 mins



 16711 Gator Rd, Fort Myers, FL 33912

1. Head **south** on **Gator Rd** toward **Supply Dr** go 0.3 mi
About 49 secs total 0.3 mi

 2. Turn right onto **Alico Rd** go 1.6 mi
About 2 mins total 1.9 mi

 3. Turn right onto **U.S. 41 N/S Tamiami Trail** go 9.6 mi
Destination will be on the left total 11.5 mi
About 15 mins

 **Lee Memorial Hospital**
2776 Cleveland Ave, Fort Myers, FL 33901

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2014 Google

Directions weren't right? Please find your route on maps.google.com and click "Report a problem" at the bottom left.

APPENDIX B
ANNUAL REPORTING FORMS



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road, MS 4555
Tallahassee, Florida 32399-2400

[Reset Form](#)[Print Form](#)

DEP Form #: 62-701.900(7), F.A.C.

Form Title: Annual Report for a Construction and
Demolition Debris Facility

Effective Date: January 6, 2010

Incorporated in Rule: 62-701.710(8)(b), F.A.C.

Annual Report for a Construction and Demolition Debris Facility

NOTE: Use one of these forms for each county from which the facility received materials

1. Company Name: _____ Year of data: _____
2. Name of Facility: _____ ☐ Landfill ☐ MRF ☐ TS
3. Physical Address: _____
4. Mailing Address: _____
5. County Location: _____
6. Debris County of Origin: _____
7. Company Contact: _____
(the individual responsible for this information)
8. Phone Number: _____ E-Mail: _____

MATERIAL TYPES	MATERIALS RECOVERED	TOTAL TONS RECYCLED (SHIPPED)
<u>ASPHALT</u>	Used for _____	Subtotal Asphalt _____
<u>CONCRETE</u>	Source: Roads, Bridges, Sidewalks, Curbs Source: Building Construction/Demolition: Used for fill (lake or land) Used for Road base Other Use _____ Subtotal Concrete _____
<u>FINES / RECOVERED SCREEN MATERIALS</u>	Used for _____	Subtotal Fines / RSM _____
<u>WOOD</u>	Daily/Intermediate Cover Waste-to-Energy fuel (see pg.2 for facility list) Other processed fuel Mulch, compost Final cover Other Use _____ Subtotal Wood _____
<u>LAND CLEARING DEBRIS</u>	Daily/Intermediate Cover Waste-to-Energy fuel (see pg.2 for facility list) Other processed fuel Mulch, compost Final cover Other Use _____ Subtotal Land Clearing Debris _____
<u>DRYWALL</u>	All	Subtotal Drywall _____
<u>SHINGLES/ROOFING</u>	How used? _____	Subtotal Shingles/Roofing _____
		Subtotal Page 1 _____ Subtotal Page 2 _____

9. TOTAL TONS OF C&D DEBRIS RECYCLED (add subtotals page 1 & 2 above): _____
10. TOTAL TONS OF C&D DEBRIS DISPOSED (all debris landfilled): ☐ on-site ☐ off-site _____

Signature (authorized Representative)

Title

Date
OVER PLEASE!!

Print Name

Page 1 of 2

MATERIAL TYPES	MATERIALS RECOVERED	TOTAL TONS RECYCLED
<u>PAPER</u>	Old Corrugated Containers (OCC)	
	Other Paper	
	Subtotal Paper	
<u>PLASTIC</u>	Plastic containers/buckets	
	All other plastic	
	Subtotal Plastic	
<u>METALS</u>	Aluminum	
	Other Non-Ferrous (brass, copper, etc.)	
	Steel	
	Other Ferrous	
	Subtotal Metals	
<u>TEXTILES</u>	Miscellaneous/carpet	Subtotal Textiles
		Subtotal Page 2

Waste to Energy Facilities

- Bay County Resource Recovery
- Broward County N. Resource Recovery
- Broward County S. Resource Recovery
- Dade County Resource Recovery
- Hillsborough County SWE Recovery
- Lake County Resource Recovery
- Lee County SW Resource Recovery
- McKay Bay Refuse to Energy Project
- Southernmost WTE Facility
- North County Regional Resource Recovery
- Pasco County SW Resource Recovery
- Pinellas County Resource Recovery

Processed wood/land clearing debris that goes to any facility for fuel other than above is considered "Other Processed Fuel".

Mail completed form to:

Florida Department of Environmental Protection
Bureau of Solid & Hazardous Waste
2600 Blair Stone Road, MS 4555
Tallahassee, Florida 32399-2400



Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road, MS 4555
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(27)

Form Title: Reporting form for Recovered Material

Effective Date: January 6, 2010

Incorporated in Rule: 62-722.600, F.A.C.

REPORTING FORM FOR RECOVERED MATERIALS

USE ONE FORM FOR EACH COUNTY FROM WHICH A FACILITY HANDLED RECOVERED MATERIALS

Submit to: 2600 Blair Stone Rd. MS 4555 Tallahassee, FL 32399-2400

YEAR OF DATA: _____

1. Certified Company Name: _____
2. Facility Name: _____
3. Address: _____
4. City/Zip: _____
5. County: _____
6. County of Origin: _____
7. Contact person & Phone Number: _____

(Check one of the following)

DEP Annual: ☐

Local Government Quarterly:

☐ 1st Quarter ☐ 2nd Quarter

☐ 3rd Quarter ☐ 4th Quarter

8. RECOVERED MATERIALS		TOTAL TONS
PAPER	Old Newspapers (ONP).....	_____
	Old Corrugated Containers (OCC).....	_____
	High Grades/Office Paper.....	_____
	Mixed Paper.....	_____
	Subtotal Paper:	_____
PLASTIC	Plastic Bottles.....	_____
	All Other Plastic.....	_____
	Subtotal Plastic:	_____
METALS	Aluminum Cans.....	_____
	Other Non-Ferrous.....	_____
	Steel Cans.....	_____
	Other Ferrous.....	_____
	Subtotal Metal:	_____
GLASS	Glass Containers	_____
RUBBER	Rubber (do not include tires).....	_____
TEXTILES	Textiles.....	_____

9. REPORTED TONS OF RECOVERED MATERIALS..... TOTAL TONS: _____

10.* TOTAL TONS OF RECOVERED MATERIALS RECEIVED OR HANDLED.....

11.* AMOUNT OF SOLID WASTE DISPOSED.....

12.*Name and Address of Disposal Facilities or Waste Haulers receiving and Collecting Solid Waste from this Facility:

Company name	Address	City & Zip Code
_____	_____	_____
_____	_____	_____
_____	_____	_____

*These items are to be completed only if the County of Origin (6) matches the County (in item 5) on this form

13. Under penalty of perjury, I hereby certify that the foregoing information is true and correct to the best of my knowledge and belief. I further represent that the foregoing (other than facility name and location) constitutes trade secrets, as defined in s. 812.081 (1)(c), F.S., and is to be held as confidential information, exempt from the provisions of s. 119.07(1), F.S., unless I have entered my initials in the box at item 13 below. Unauthorized release of this information is prohibited.

_____	_____	_____
Signature (authorized representative)	Title	Date

14. ☐ By entering my initials in this box, I hereby represent that all information contained hereon is not confidential or trade secret and may be released to the public.



Florida Department of Environmental Protection

Solid Waste Section, Mail Station 4565
2600 Blair Stone Road, Tallahassee, Florida 32399-2400

DEP Form # 62-709.901(3)
Appl for Reg. and Ann Rep for a YT Trans
Form Title <u>Station or SW Organic Recycling Facility</u>
Effective Date <u>February 15, 2010</u>
DEP Facility ID No. _____ (Filled in by DEP)
DEP WACS ID No: _____ (Filled in by DEP)
This form is adopted by reference in subsection 62-709.901(3), F.A.C.

Application for Registration and Annual Report for a Yard Trash Transfer Station or a Solid Waste Organics Recycling Facility

PART A - GENERAL INFORMATION

1. Type of Application: New ☐ Renewal (due July 1) ☐ Annual report only for facility operating under permit: ☐
2. Type of Facility: Yard trash recycling ☐ Manure blending ☐
Yard trash transfer station ☐ Vegetative, animal byproducts or manure composting ☐
3. Type of Waste Processed: Yard trash ☐ Manure ☐ Animal byproducts ☐ Pre-consumer Vegetative ☐
Vegetative (could/did come into contact with animal products or byproducts or end user) ☐
4. Facility Name: _____
5. Registrant Name (or Permittee if annual report only): _____
6. Federal Employer Identification Number: _____
7. Mailing Address: _____
City _____ State _____ Zip _____
Street Mailing Address (if different): _____
City _____ State _____ Zip _____
8. Facility Location - Street Address or Property Number: _____
City _____ County _____
9. Contact Person: _____ Telephone: _____

PART B - ADDITIONAL INFORMATION REQUIRED FOR REGISTRATION APPLICATION

10. Records required by Rule 62-709.320, F.A.C., will be kept at the facility? Yes ☐ No ☐
If no, please indicate where these records will be kept and made available upon Department request to review the records:

11. Does the registrant own the facility site? Yes ☐ No ☐
If you answered no, please attach evidence that the facility owner or operator has permission from the landowner to operate a yard trash transfer station or a solid waste organics recycling facility at this site.
12. Has the organic recycling facility begun operations? Yes ☐ No ☐
If this facility was operating in the previous calendar year, the annual report in Part C must be completed.
13. Include a check or money order for the \$35.00 registration fee made payable to the Florida Department of Environmental Protection.

I affirm that I have read Rules 62-709.320, 62-709.330 and 62-709.350, F.A.C., and shall comply with the requirements specified in those rules. I also affirm that the information provided in the application is true, accurate, and correct to the best of my knowledge. I have attached all documents and/or authorizations that are required.

Print Name and Title of Registrant or Authorized Agent

Signature

Date

Email address (if available): _____

PART C - ANNUAL REPORT

14. Calendar Year (January 1 through December 31) Covered by this Report: _____
15. Values used in this report are in (SELECT ONE): Tons ☐ Cubic Yards ☐
16. **For Existing Facilities that have not reported this information in the past**, Amount of
- a. Unprocessed Material On Site at Beginning of Report Year: _____
- b. Processed Material On Site at Beginning of Report Year (total): _____
17. Total Quantity of Material Received During Report Year: _____
18. Total Quantity of Material Lost Due to Processing (e.g. grinding, drying, shrinkage, fires, etc.) During Report Year: _____
19. Total Quantity of Material Removed from Site for:
- a. Use (e.g., landfill cover, fuel, mulch, compost, etc.): _____
- b. Disposal: _____
- c. Other (transfer stations) _____
20. Total Quantity On Site at End of Report Year of:
- a. Unprocessed Material: _____
- b. Processed Material: _____

Note that the total sum of items 16 a and b plus 17 must equal to sum of items 18, plus 19 a, b and c, plus 20 a and b.

Total of items 16 and 17

Total of Items 18, 19 and 20

I affirm that the information provided in the annual report is true, accurate, and correct to the best of my knowledge.

Print Name and Title of Registrant/Permittee or
Authorized Agent

Signature

Date

Email address (if available): _____

PART D - MAILING INSTRUCTIONS

Remember to include the \$35.00 fee if this is also a registration application. Mail completed form to:

Department of Environmental Protection
Solid Waste Section, MS 4565
2600 Blair Stone Road
Tallahassee, Florida 32399-2400