



Interoffice Memorandum

July 21, 2023

TO: Mayor Jerry L. Demings
-AND-
County Commissioners

FROM: J. Andres Salcedo, P.E., Acting Director
Planning, Environmental, and Development
Services Department *Andres*

CONTACT PERSON: **Elizabeth R. Johnson, CEP, PWS, MPA, Interim Manager
Environmental Protection Division
(407) 836-1406**

SUBJECT: August 22, 2023 — Consent Item
Request for Approval of Solid Waste Management Facility
Permit Renewal Application SW-22-01-001 for a Materials
Recovery Facility/Transfer Station by Taft Recycling, Inc.

The applicant, Taft Recycling, Inc., requests approval of permit application SW-22-01-001 for renewal of Solid Waste Management Facility permit SW-022429-MRF/TS-06/2204. The permit is for a transfer station for Class I solid waste and a Materials Recovery Facility (MRF) for construction and demolition (C&D) debris and Class III solid waste, known as Taft Transfer Station/Waste Processing & Material Recovery Facility. The property is approximately 12.7 acres in size and located at 473 W 7th Street, Orlando (Parcel ID number 02-24-29-7268-00-410). The facility also uses 375 W 7th Street as their facility address and correspondence regarding the site may refer to that address. The site is approximately ½ mile west of Sidney Hayes Road and ¼ mile north of Taft Vineland Road in an unincorporated area in District 3. An existing 18,600 sq ft building with tipping floor under roof is used for managing the solid waste.

The Board last approved a solid waste permit renewal for this facility on April 25, 2017, with an expiration date April 24, 2022. On January 17, 2022, the Environmental Protection Division (EPD) received permit renewal application SW-22-01-001. Following review by EPD staff, responses to requests for additional information were subsequently provided on April 5, 2023 and July 11, 2023. In accordance with Orange County Code, Chapter 32, Article V, Section 32-214(g), the facility has operated under an extension during the renewal application review period. The review of submittals, which included updates to their operations plan, is now complete. The complete application forms are available on file at EPD.

At a MRF, recyclable materials are sorted from incoming solid waste and are transported to approved recycling facilities. Residual solid wastes are transported to approved disposal facilities. At a transfer station, incoming solid waste is temporarily stored and usually combined into larger loads prior to transport to an approved processing or disposal facility.

Class I waste includes solid waste which is not hazardous waste, and which is not prohibited from disposal in a lined landfill under the rules of the Florida Department of Environmental Protection (FDEP). This generally includes household and other putrescible solid waste. Class III waste includes combinations of yard trash and C&D debris along with other debris such as paper, cardboard, asbestos, cloth, processed tires, glass, plastic, furniture other than appliances, and other materials approved by FDEP that are not expected to produce leachate that poses a threat to public health or the environment.

There are currently no outstanding Notices of Violation for the facility. Over the past permit period, the facility operators have worked with EPD staff to resolve any issues that have arisen. For example, in order to prevent the staging of waste outside of authorized areas, the facility has optimized process flows, re-trained staff, and partnered with outbound hauling vendors with greater capacity.

The permit includes a single previously approved waiver allowing extended hours of operation. No changes are proposed to the previously approved waivers. Conditions have been updated to reflect the latest submittals. Additionally, EPD is proposing deletion of several permit conditions that are outdated or redundant (i.e., the same or equivalent wording exists in code) and will help streamline the permit.

EPD staff determined that the renewal application satisfactorily addresses current code requirements in conjunction with the attached permit conditions. Upon approval by the Board, this permit shall be renewed for five years with an expiration date of August 21, 2028.

ACTION REQUESTED: Approval of Solid Waste Management Facility Permit Renewal Application No. SW-22-01-001 for Taft Recycling, Inc., for the facility known as Taft Transfer Station/Waste Processing & Material Recovery Facility, subject to waivers and conditions of approval. District 3

JAS/jk

Attachment

Attachment 1 - Permit Renewal Conditions of Approval

General:

1. In the case of any conflict among these conditions, or between these conditions and applicable laws, the more extensive and restrictive requirements shall apply.
2. It shall be unlawful to operate a solid waste management facility in those areas of Orange County which are not in any municipality and in areas within any municipality that, by ordinance or interlocal agreement, provides for the regulation of solid waste management facilities by Orange County in accordance with the provisions of Chapter 32, Article V, Orange County Code, without a valid Orange County permit.
3. All plans, reports and other supporting documents submitted with the permit application, as approved, are incorporated as part of this permit and operation shall proceed in accordance with these documents. This permit includes, at a minimum, the following documents:
 - a. Permit Application: Class I and III Waste Processing Facility, dated May 2005, and submitted by James E. Golden, P.G., HSA Golden
 - b. The Environmental Protection Division's (EPD) "Request for Additional Information, dated July 7, 2005
 - c. Permit Application: Class I and III Waste Processing Facility, dated August 2005, and submitted by James E. Golden, P.G., and David L. Leggett, P.E., HSA Golden
 - d. The EPD's Request for Additional Information, dated January 31, 2006
 - e. Letter and attachments: Taft Recycling, Inc., Existing Materials Recovery Facility and Proposed Transfer Station, Response to Comments for Permit Application, August 2005 Submittal; Project No. 04-297.013, dated March 1, 2006, and submitted by James E. Golden, P.G., HSA Golden
 - f. Letter and attachments: Taft Recycling, Inc., Materials Recovery Facility and Proposed Transfer Station; Project No. 04-297.013, dated April 6, 2006, and submitted by James E. Golden, P.G., HSA Golden
 - g. Letter and attachments: Taft Recycling, Inc., Materials Recovery Facility and Proposed Transfer Station; 375 Seventh Street, Taft, Florida; Project No. 04-297.013, dated April 20, 2006, and submitted by James E. Golden, P.G., HSA Golden
 - h. Permit Renewal Application: Taft Recycling Inc dated December 2010, and submitted by James E. Golden, P.G. and David L. Leggett, P.E., HSA Golden.
 - i. EPD Completeness Review 1, dated January 27, 2011
 - j. Response to Completeness Review 1 dated March 14, 2011, and submitted by James E. Golden, P.G. and Andrew J. Schier, P.E., HSA Golden

August 22, 2023 – Consent Item
Solid Waste Management Facility Permit Renewal Application SW-22-01-001
Taft Transfer Station/Waste Processing & Material Recovery Facility by Taft Recycling, Inc.

- k. Solid Waste Permit Renewal Application Taft Transfer Station/Waste Processing & Material Recovery Facility, dated Feb 8 and 12, 2016, submitted by William Jacobs and John P. Smith, P.E., HSA Golden
 - l. Response to Permit Renewal Application – Completeness Review I and Technical Review 1, dated Sep 9, 2016, submitted by William Jacobs and John P. Smith, P.E., HSA Golden
 - m. Application for Permit Renewal, dated January 17, 2022, submitted by Jennifer L Deal, PE, Cornerstone Environmental Group, LLL – A Tetra Tech Company
 - n. Response to Request for Additional Information, dated April 5, 2023, submitted by Jennifer L Deal, PE, Cornerstone Environmental Group, LLL – A Tetra Tech Company
 - o. Email “RE: Taft Recycling, Response to RAI #1” with attachments, dated July 11, submitted by Jennifer L Deal, PE, Cornerstone Environmental Group, LLL – A Tetra Tech Company
4. Any modifications to or deviations from this permit must be submitted to the EPD for review. The EPD shall determine if the modification or deviation is minor, or is major or substantial. The EPD may approve or deny minor modifications or deviations. Only the Board of County Commissioners (BCC) may approve substantial deviations from or major modifications to this permit.
 5. This permit does not relieve the permittee from the responsibility of obtaining and maintaining any/all other applicable federal, state, or local permits and renewals thereto required for the site.
 6. ~~The permittee shall maintain any current valid permit(s) required in Section 62-701 through 62-722 Florida Administrative Code. [Deleted]~~
 7. ~~Solid waste management operations shall not obstruct or materially interfere with natural watercourses, water management or control plans, road system or right-of-way, or cause flooding on adjacent properties. [Deleted] [Note: Same or equivalent to Code 32-216(a)(18).]~~
 8. ~~Solid waste cannot be placed in any natural or artificial body of water, including groundwater. [Deleted] [Note: Same or equivalent to Code 32-216(a)(20).]~~
 9. No solid waste may be stored, processed, or disposed of in a manner or location that will cause air quality, water quality, or receiving water standards to be violated.
 10. The permittee shall maintain and provide to the EPD evidence of financial responsibility, and financial assurance, using an approved method, in an amount equivalent to the County's total cost of closure for the facility for the period of time when the extent and manner of operation make the closing most expensive.
 11. ~~After all proposed construction has been completed, and before acceptance of any solid waste in the proposed construction area, the engineer of record shall certify to the EPD that the permitted construction is complete and that it was done in~~

~~accordance with the plans submitted to the EPD except where minor deviation was necessary. All deviations shall be described in detail and the reasons therefore enumerated. The permittee shall provide at least 14 days advance notice to the EPD prior to accepting solid waste in the proposed construction area so that the EPD has the opportunity to inspect the site. [Deleted]~~

12. All activities at the facility shall be performed in accordance with the operation and maintenance manual and plans for the facility. Manuals and plans shall be updated whenever relevant operations change.

Security and Access Control

13. The facility shall be open to the County for the purpose of inspection during normal working hours of the facility and at any other time when work is in progress.

14. The hours of operation, as approved by the Board of County Commissioners, are:

Monday - Friday: 24 hours

Saturday: 24 hours

Sunday: 24 hours

Receipt or shipment of waste, and waste processing, are limited to within the Hours of Operation. Activities such as maintenance and cleaning are not considered operation and may be scheduled at the facility's discretion.

15. A sign listing the approved hours of operation shall be posted and maintained in a manner that is clearly visible upon approach to the main entrance(s) to the facility.

16. Site access shall be controlled by an at least 6-foot-high security chain link fence, or equivalent approved method. Fences or walls shall comply with Section ~~32-216(b)(10)~~ 32-216(a)(13)a, and 38-1408, Orange County Code. Site access control shall be inspected at least quarterly and maintained at all times by the permittee. Gates shall be locked when the site is not open for business.

17. ~~Warning signs at least 3 feet square, that does not exceed 4 square feet in copy area, shall be posted and maintained at each corner of the fence and not more than 500 feet apart along the fence. Signs shall be positioned behind the fence and visible from offsite. On the sign shall be printed in letters of not less than 5 inches in height the words, "No Trespassing," or other approved appropriate warning. [Deleted] [Note: Same or equivalent to Code 32-216(a)(13)c.]~~

18. ~~A scalehouse or gate attendant equipped with radio contact to other facility employees shall be present at all times when the site is open for business, and must be positioned to allow observation of incoming and exiting traffic. [Deleted] [Note: Same or equivalent to Code 32-216(a)(13)b.]~~

Waste Quality Control

19. The facility may receive, extract recyclable materials from, and temporarily store or hold, but not dispose of on-site, a weekly average of 2,000 tons per day of a combination of the following materials:
 - a. Class III waste, and construction and demolition debris waste, within the approved tipping floors;
 - b. Class I waste within the approved tipping floors served by the leachate management system.

Wastes shall only be unloaded or loaded within the approved tipping floors. Temporary storage of wastes onsite shall not exceed the quantities covered in latest approved Financial Assurance mechanism.

20. A sign listing waste materials acceptable to the site shall be posted and maintained in a manner that is clearly visible upon approach to the main entrance(s) to the facility.
21. All putrescible wastes shall be removed from the facility within 48 hours.
22. An operator trained in accordance with Rule 62-701.320(15), F.A.C., shall be on duty whenever the facility is operating.
23. Each shipment of incoming waste must be inspected by a spotter, or interim spotter, trained and performing duties in accordance with Rule 62-701.320(15), Florida Administrative Code. Spotters shall perform their duties from a location where they can thoroughly inspect each shipment of waste for prohibited materials. The spotter(s) shall have the authority and responsibility to reject unauthorized loads. If unauthorized waste is identified during or after unloading, the spotter(s) shall have the authority and responsibility to reload the customer's vehicle for removal from the site. Finally, if reloading is not feasible, the spotter(s) shall have the authority and responsibility to assess appropriate surcharges and have the unauthorized material removed by on-site personnel. In all instances the transporter and generator of the unauthorized solid waste must be notified to prevent future occurrences, and a log of all such unauthorized waste shipments shall be maintained at the site.
24. Hazardous wastes, universal wastes, and regulated nonhazardous wastes shall be managed in accordance with Resource Conservation and Recovery Act and the Florida Administrative Code, as appropriate. Manifests for the shipment of all such wastes must be maintained on-site.
25. The operator shall inform the County immediately of the receipt of any shipment containing greater than 25 gallons or 220 pounds of hazardous waste, or of the greater than de minimis discharge of any hazardous waste in the facility, and provide a written plan within 5 days advising the date of discovery and how the hazardous waste was properly disposed. If laboratory confirmation is needed, the

laboratory results shall be provided to the County. Once waste is confirmed to be hazardous, it shall be properly managed within 5 days. In the case of release or discharge above threshold quantities, the State ~~Warning Point~~ Watch Office (1-800-320-0519) shall be notified.

26. Pressure-treated lumber (i.e., treated with chromated copper arsenate) will not be recovered from the waste stream for chipping or mulching, but will be transported off-site for proper disposal.
27. Rejected wastes must be promptly removed and shipped off-site for management at an appropriate facility. Rejected waste must be removed within 1 week.
28. Recovered materials must be shipped out within 1 year of processing.

Ancillary Operations

29. Appropriate permits must be obtained from local, state, and federal agencies for any ancillary operations.
30. Maintenance of facility equipment will be performed by a properly licensed off-site mobile contractor or at an in-house maintenance facility upon review and approval by the EPD. Any wastes that are generated must be properly managed.

Community Stewardship

31. The only permitted routes for vehicular access to and from the site are those approved by the Orange County Board of County Commissioners. Those are:
 - a. Landstreet Road; Taft Vineland Road; Thorpe Road; 4th Street;
 - b. Sidney Hayes Road;
 - c. West Seventh Street;
 - d. Recycle Center Road, if authorized by owner(s);

No vehicular access to and from the site is allowed:

- a. Between Orange Avenue and Sidney Hayes Road on: Pine Street, Palmetto Street, Cypress Street, First Street, Second Street, and Third Street;
- b. Between Landstreet Road and Fourth Street on: Boyce Avenue, Avenue C, and Avenue E.

At least once per quarter, the permittee shall notify customers of routes that are approved and not approved, and of their obligations under this permit and Section 32-111, "Loads on vehicles," Orange County Code.

32. The permittee shall employ the services of an Orange County Sheriff's Office off-duty deputy, to assist in the enforcement of traffic rules along the routes identified above. These services shall be for a period of not less than: 8 hours per month.
33. The permittee shall be responsible for cleanup of all litter generated from the permittee's operation per Section 32-113 and ~~32-216(b)(10)~~ 32-216(a)(13)d.

Orange County Code. In addition, on an as needed basis, but not less than once per week, the permittee shall be responsible for cleanup of customer generated litter from:

- a. West Seventh Street (east from the facility to Sidney Hayes Road);
- b. Sidney Hayes Road (between West Seventh Street and Palmetto Street);
- c. Fourth Street (between Sidney Hayes Road and Boyce Avenue);
- d. Boggy Creek Canal access road (adjacent to property);
- e. Recycle Center Road, if authorized by owner(s).

Cleanup shall take place along publicly accessible rights-of-ways and with all necessary safety precautions.

Hauling companies shall be notified of any of their loads that are uncovered or untied when arriving at the entrance to the facility. Upon the third offense by a driver, that driver shall be banned from the facility for a period of not less than 1 month. A log of banned drivers shall be maintained at the facility.

34. ~~Driveways, streets, and facilities for routing traffic shall be designed in such a manner that entrances and exits to public streets are not hazardous and that traffic congestion is minimized in accordance with Section 32-216(b)(15), 32-216(a)(18) and Chapter 38, Orange County Code. [Deleted] [Note: Same or equivalent to Code Sec. 32-216(a)(18) and Sec. 38-1008(11)]~~
35. The facility shall be operated to control objectionable odors in accordance with Section 38-1453 15-89.1(a), Orange County Code, and Subsection 62-701.710(4), Florida Administrative Code. ~~At a minimum, odor control shall include the use of a system of misters releasing an environmentally benign odor masking agent at all building openings.~~
36. Areas where waste is stored or processed shall be cleaned, at least weekly, to prevent odor or vector problems. Areas where Class I waste is stored or processed shall be cleaned at least daily and washed at least weekly. All drains and leachate conveyances shall be kept clean so that leachate flow is not impeded.
37. ~~Excessive growth of grass, weeds, and brush on property shall be minimized in accordance with Chapter 28, Article II, Orange County Code. [Deleted] [Note: Same or equivalent to Code Chapter 28, Article II, Sec. 28-34]~~
38. ~~In areas not approved for processing of wastes or storage of recovered materials, accumulation of trash, junk, debris, and nonliving plant material shall be minimized in accordance with Chapter 28, Article II, Orange County Code. [Deleted] [Note: Same or equivalent to Code Chapter 28, Article II, Sec. 28-33]~~
39. Vectors and pests shall be controlled through the appropriate use of pesticides and other approved methods to minimize impact on adjacent properties.

40. Fugitive dust emissions shall be controlled per Section ~~38-1452~~ 15-89.1(b), Orange County Code and Section 62-296.320, Florida Administrative Code. In areas that are not paved, dust shall be managed through landscaping where appropriate. Otherwise, off-site release of dust shall be managed by periodic application of water or other approved dust suppressant, at least 3 times per day during operating hours, subject to any water use restrictions of the water management district and rainfall.
41. ~~Setback areas shall be at least:~~
- ~~Front yard (southern boundary): 35 feet~~
10 feet if Seventh Street west end is vacated
- ~~Side yard (western boundary): 25 feet~~
- ~~Side yard (eastern boundary): 25 feet~~
- ~~Rear yard (northern boundary): 10 feet~~
- [Deleted] *[Note: Same or equivalent to Code Sec 38-1008(a); and Seventh Street west end previously vacated.]*
42. Setback areas shall be landscaped to provide a visual buffer from adjacent properties. Landscaping shall be designed to minimize visual impacts of both the operation and the final closed facility from surrounding properties and roads and shall be consistent with the Orange County Landscape Ordinance as codified in Orange County Code, Chapter 24. At a minimum, landscaping shall include the following:
- a. A 10-foot wide landscape buffer around the perimeter of the property.
 - b. Live oaks, at least 10 feet tall, having a 3-inch caliper diameter at 6 feet height, spaced 50 feet on center, along the western boundary (approximately 12 total); or approved equivalent.
 - c. Live oaks, at least 10 feet tall, having a 3-inch caliper diameter at 6 feet height, spaced 50 feet on center, along the northern boundary (approximately 11 total); or approved equivalent.
 - d. Crepe myrtles, at least 7 feet tall, having a 2-inch caliper diameter at 4 feet height, spaced 50 feet on center, along the eastern boundary (approximately 14 total); or approved equivalent.
43. Recovered materials may only be stored within approved storage areas. Neither the front yard setback area, nor the landscape buffer area, may be used for open storage. Storage of recovered materials is limited to the quantities covered in latest approved Financial Assurance mechanism.
44. The facility shall provide collection and treatment of all stormwater runoff (25-year event) from the facility, with the exception of any drainage easement provided for stormwater flow from off-site.

45. The permittee shall conduct weekly inspections of the stormwater management system, and any required maintenance or repairs will be conducted within 7 days.

Reporting and Record Keeping

46. The following items shall be maintained and available for review at the facility for a period of at least 3 years:
- A copy of the complete permit including plans, reports, and other supporting documents;
 - Unauthorized waste receipt logs maintained in an unauthorized waste receipt logbook;
 - Manifests and/or receipts for leachate tank pump-out;
 - Manifests for any hazardous waste, universal waste, or regulated nonhazardous waste, shipped off-site;
 - Credentials for operators and spotters;
 - A list of customers notified about haul routes and restrictions;
 - A log of drivers banned because of uncovered or untied loads;
 - A log of patrol schedule and any activity reports provided by the Orange County Sheriff's Office off-duty deputy hired by the facility to monitor vehicular access routes.
47. The following items shall be submitted to the EPD on a quarterly basis, and maintained and available for review at the facility:
- A report of solid waste type and quantity managed at the facility, including the amount and destination of treated, recycled or recovered materials leaving the site for reuse, used as raw material or disposed;
 - A report of stormwater management system inspections and any repairs;
 - A report of site access control (gate and fence) inspections and any repairs.
48. The following items shall be submitted to the EPD on an annual basis:
- Cost estimates and proof of financial assurance shall be updated and submitted to the department for review whenever relevant operations change, or annually at a minimum;
 - A report of annual leachate collection system and tank inspections and any repairs. This should also include a log of all leachate tank pump-outs.

Closure

49. ~~This permit may be transferred only upon approval by the Orange County Board County Commissioners as outlined in Section 32-214(i). [Deleted] [Note: Same or equivalent to Code 32-214(i)]~~
50. ~~Applications for renewal of a permit, with required supporting documentation, shall be submitted at least 90 days in advance of expiration of the existing permit. [Deleted] [Note: Same or equivalent to Code 32-214(g)]~~

51. If the facility ceases accepting waste prior to the expiration of this permit, it shall close in accordance with the provisions of this permit.
52. Closure shall take place as documented in the application and:
 - a. The owner or operator shall notify the EPD in writing prior to ceasing operations, and shall specify a closing date. No waste shall be received by the facility after the closing date.
 - b. Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue in accordance with the approved closure plan. Stored putrescible wastes shall be removed in 48 hours.
 - c. Closure must be completed within 180 days after receiving the final solid waste shipment. Closure will include removal of all recovered materials from the site.
 - d. Regardless of any financial assurance, the permittee is responsible for all costs to properly close operations at the facility.
53. ~~This permit may be revoked at any stage per Section 32-217, Orange County Code. [Deleted] [Note: Same or equivalent to Code 32-217]~~

Emergency Preparedness and Continuity of Operations

54. Open burning of solid waste is prohibited.
55. Adequate fire protection shall be available at all times.
56. ~~Methods used to extinguish fires should adequately address any emergency, but should minimize potential adverse impacts on the environment. The use of water may produce or spread leachate that can impact groundwater. Alternatives and/or controlled use shall be considered. [Deleted] [Note: Same or equivalent to Code 32-215(a)(21)]~~
57. ~~A fire fighting agreement signed by the solid waste management facility operator and the Orange County Fire Chief, as outlined in 32-215(a)(21), Orange County Code, shall be maintained and updated whenever relevant operations change. [Deleted] [Note: Same or equivalent to Code 32-215(a)(21)]~~
58. The operator shall inform the EPD immediately of any fires that persist longer than 1 hour.
59. Class I waste shall not be accepted at any time there is a reasonable anticipation by the permittee or EPD that:
 - a. Due to equipment failure, capacity, or any other reason, the waste or its residue cannot be shipped out within 48 hours; or
 - b. Electricity, whether utility or back-up generator supplied, will not be available to properly operate the leachate collection system or odor control system.

60. Once approved recovered materials storage limits are reached, no additional recovery of that item can occur. No wastes shall be accepted at any time there is a reasonable anticipation that the lesser of either approved storage limits or available capacity for that waste will be exceeded.

Waiver

61. As required, the following items have been properly waived by the Board of County Commissioners:
 - a. Hours of Operation as described in Chapter 32, Orange County Code and specified in Permit Condition #14.

Board of Zoning Adjustment Conditions

62. ~~Development in accordance with site plan, dated Received February 24, 2006, the December 21, 2005, Development Review Committee conditions and all other applicable regulations. Any deviations, changes, or modifications to the plan are subject to the Zoning manager's approval. The Zoning manager may require the changes be reviewed by the Board of Zoning Adjustment (BZA) for administrative approval or to determine if the applicant's changes require another BZA public hearing. The facility shall be subject to the conditions of approval for Special Exception SE-05-12-001 and any future amendments.~~
63. ~~All outdoor lighting shall be in accordance with Chapter 9, Orange County Code. [Deleted]~~
64. ~~Access, drainage, roadway improvements and concurrency management shall be determined by the Public Works Department. [Deleted]~~
65. ~~Landscaping shall be in accordance with Chapter 24, Orange County Code. [Deleted]~~
66. ~~Outdoor storage of Class I solid waste is prohibited. [Deleted]~~
67. ~~Hours of operation shall be in accordance with Chapter 32, Orange County Code. [Deleted]~~
68. ~~Prior to operating the site a flood plain permit is required. [Deleted]~~
69. ~~Construction plans shall be submitted within 3 years or this approval becomes null and void. [Deleted]~~
70. ~~Haul route, dust emissions, litter control, odor and screening shall be subject to EPD review and BCC approval of the permit. [Deleted]~~

Development Review Committee Conditions

71. ~~Development shall conform to the Taft Material Recovery Facility and Transfer Station Expansion Site Plan, dated Received February 24, 2006, and to the~~

~~following conditions of approval. Development based upon this approval shall comply with all applicable federal, state, and county laws, ordinances, and regulations, which are incorporated herein by reference, except to the extent the applicable laws, ordinances, and regulations are expressly waived or modified by these conditions, or by action approved by the BCC, or by action of the BCC. The facility shall be subject to the DRC recommended conditions of approval for the Taft Material Recovery Facility and Transfer Station Expansion Site Plan (5032704), dated Received February 24, 2006 and any future amendments.~~

72. ~~Billboards and pole signs shall be prohibited. Other signage shall be consistent with Chapter 31.5 and any state signage requirements. [Deleted]~~
73. ~~Prior to earthwork or construction, the developer shall provide a copy of the completed National Pollutant Discharge Elimination System (NPDES) Notice of Intent (NOI) form for stormwater discharge from construction activities to the EPD, NPDES. The original NOI form shall be sent to the Florida Department of Environmental Protection. [Deleted]~~
74. ~~Outdoor storage of Class I solid waste is prohibited. This shall include the overnight parking of vehicles containing uncovered Class I solid wastes. [Deleted]~~
75. ~~This facility will be required to connect to central sewer service upon notification by the County that central sewer service is available on the west end of 7th Street. [Deleted]~~

Other

76. Pursuant to Section 125.022, Florida Statutes, issuance of this development permit by the County does not in any way create any rights on the part of the applicant to obtain a permit from a state or federal agency and does not create any liability on the part of the County for issuance of the permit if the applicant fails to obtain requisite approvals or fulfill the obligations imposed by a state or federal agency or undertakes actions that result in a violation of state or federal law.

Pursuant to Section 125.022, Florida Statute, the applicant shall obtain all other applicable state or federal permits before commencement of development.

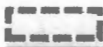
Attachment 2 – Aerial and Location Map

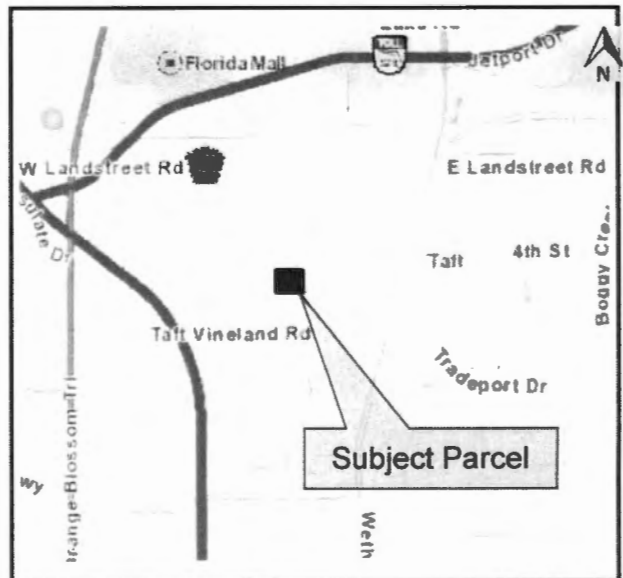


**Solid Waste Management Facility
Permit Renewal Application
SW-22-01-001
District 3**

Applicant: **Taft Recycling, Inc.**

Address: **473 W 7th Street**
Parcel ID: **02-24-29-7268-00-410**

Project Site 
Property Location 



Attachment 3 - Application Form

APPLICATION FORM FOR A
SOLID WASTE MANAGEMENT FACILITY PERMIT
WASTE PROCESSING FACILITY
TRANSFER STATION • MATERIALS RECOVERY FACILITY

Environmental Protection Division
3165 McCrory Place, Suite 200
Orlando, Florida 32803-3727
407.836.1400 • Fax 407.836.1499
www.ocfl.net



NOTE: THIS FORM DOES NOT SUPERSEDE THE REQUIREMENTS OF ORANGE COUNTY CODE.

A. GENERAL INFORMATION

1. Type of facility (check all that apply):

Transfer Station:

C&D Debris Class III Class I

Other Describe: _____

Materials Recovery Facility:

C&D Recycling Class III MRF Class I MRF

Other Describe: _____

Other Facility That Processes But Does Not Dispose Of Solid Waste On-Site:

Storage, Processing or Disposal for Combustion Facilities (not addressed in another permit)

Other Describe: Waste tire processing, yard waste and land clearing recycling

2. Type of application:

Construction / Operation

Operation without additional construction Closure

3. Classification of application:

New Minor Modification

Renewal Major Modification (substantial deviation)

4. Facility name: Taft Transfer Station/Waste Processing & Material Recovery Facility

5. Facility ID:

EPD Permit #: SW-022429-MRF/TS-06/2204 Expiration Date: _____

FDEP Permit #: 0173968-012-SO-31 / 0173968-0 Expiration Date: 06/03/2026

6. Facility location (main entrance):

Address: 375 W 7th Street, Orlando, Florida 32824

Page revised. July 11, 2023

Municipality: _____ Orange County Commission District #: 3

7. Location coordinates:

Parcel IDs: 02-24S-29E-7268-00-410
Latitude: 28 25 30N Longitude: 81 22 53W
Datum: _____ Coordinate Method: _____
Collected by: _____ Company/Affiliation: Obtained from FDEP permit

8. Applicant name (operating authority): Taft Recycling, Inc.

Mailing Address: 3 Waterway Square Place, Suite 110, The Woodlands, Texas 77380
Contact person: Kirk Wills Phone: (813) 388-1026
Title: Southern Region Engineer E-mail: kirk.wills@wasteconnectic

9. Authorized agent / Consultant: Tetra Tech, Inc.

Mailing Address: 201 E Pine Street, Suite 1000, Orlando, FL 32801
Contact person: Jennifer Deal Phone: (407) 719-0608
Title: Area Manager E-mail: jennifer.deal@tetratech.cc

10. Landowner (if different than applicant): same

Mailing Address: _____
Contact person: _____ Phone: _____
E-mail: _____

11. Cities, towns, and areas to be served (source of waste):

Orange, Osceola, and Seminole Counties, City of Orlando

Private use Public use

12. Estimated costs:

Total Construction: \$ N/A Closing Costs: \$ 804,255.09

13. Expected quantity (volume or weight) of waste to be received:

_____ yd³/day -or- 2,000 tons/day

14. Provide a brief description of the operations planned for this facility:

The facility will accept Class I and Class III waste from private collection vehicles. The Class I waste will be processed and then placed into transport vehicles and hauled to FDEP permitted Class I landfill. Recyclable materials will also be separated from Class III and C&D waste streams. The remaining waste will be hauled to an FDEP approved Class I, Class III, and C&D facility, depending on waste type.

15. Operational and storage areas:

Total parcel size:	<u>12</u>	<u>acres</u>	Existing building:	<u>18,600</u>	<u>sq ft</u>
Existing outdoor area:	<u>12</u>	<u>acres</u>	Proposed building:	<u>N/A</u>	<u>sq ft</u>
Proposed outdoor area:	<u>N/A</u>	<u>acres</u>			

16. Haul route (from/to nearest arterial roads or collector highways):

Street segments: Orange Blossom Trail (17-92) or Orange Avenue to West Taft/Vineland Road or
West Landstreet road to Sidney Hayes Road to Harrington Road (7th Street)

Residential roads: yes / no

Paved access: yes / no

17. Hours of Operation:

Mon - Fri:	<u> </u> - <u> </u>	Sun:	<u> </u> - <u> </u>
Sat:	<u> </u> - <u> </u>	Other:	<u>24 hours per day, 7 days per week</u>

B. ADDITIONAL INFORMATION

Please attach the following reports or documentation as required. References are to Orange County Code (O.C.C.) and Florida Administrative Code (F.A.C.) unless noted otherwise. (Application format see O.C.C. 32-214(d) and Rule 62-701.320(7) F.A.C.)

1. Provide a description of the operation of the facility that shall include (Rule 62-701.710(2)(a), F.A.C.):
 - (a) The types of materials, i.e., wastes, recyclable materials or recovered materials, to be managed or processed;
 - (b) The expected daily average and maximum weights or volumes of materials to be managed or processed;
 - (c) How the materials will be managed or processed;
 - (d) How the materials will flow through the facility including locations of the loading, unloading, sorting, processing and storage areas;
 - (e) The types of equipment that will be used;
 - (f) The maximum time materials will be stored at the facility;
 - (g) The maximum amounts of wastes, recyclable materials, and recovered materials that will be stored at the facility at any one time; and
 - (h) The expected disposition of materials after leaving the facility.
 - (i) *Provide a plan documenting maximum capacity and site plan showing location and maximum dimensions of temporary storage piles. [O.C.C. 32-215(f)(3)]*
2. Attach a site plan, signed and sealed by a professional engineer registered under Chapter 471, F.S., with a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site (Rule 62-701.710(2)(b), F.A.C.).
 - a) *Provide a plan showing the zoning of site and adjacent properties; [O.C.C. 32-215(a)(5)g.]*
 - b) *Provide a Landscape Buffer Plan that meets the requirements of O.C.C. 32-216(b)(3). [O.C.C. 32-215(a)(5)h.]*
 - c) *Delineate any environmentally sensitive areas such as any conservation areas, the Wekiva Study Area, and areas protected by the Wevika River Protection Area Ordinance or the Econolockhatchee River Protection Ordinance. [O.C.C. 32-215(a)(5)i., 32-216(c)]*
3. Provide a boundary survey and legal description of the property (Rule 62-701.710(2)(c), F.A.C.).
4. Provide a construction plan, including engineering calculations, that describes how the applicant will comply with the design requirements of subsection 62-701.710(3), F.A.C. (Rule 62-701.710(2)(d), F.A.C.).
 - a) *Provide a Litter Control Plan for the facility. [O.C.C. 32-215(a)(15)]*
5. Provide an operation plan that describes how the applicant will comply with subsections 62-701.710(4), F.A.C. and the recordkeeping requirements of subsection 62-701.710(8), F.A.C. (Rule 62-701.710(2)(e), F.A.C.).
 - a) *Access to the site shall be controlled via installation of a security chain link fence. [O.C.C. 32-216 (a)(13)]*
 - b) *Provide a Fire Fighting Agreement that has been approved by the local Fire Rescue service provider. [O.C.C. 32-215(a)(21)]*

6. Provide a closure plan that describes how the applicant will comply with subsections 62-701.710(6), F.A.C. (Rule 62-701.710(2)(f), F.A.C.).
7. Provide a contingency plan that describes how the applicant will comply with subsection 62-701.320(16), F.A.C. (Rule 62-701.710(2)(g), F.A.C.).
8. Unless exempted by subparagraph 62-701.710(1)(d)1., F.A.C., provide the financial assurance documentation required by subsection 62-701.710(7), F.A.C. (Rule 62-701.710(2)(h), F.A.C.).

Note: O.C.C. 32-216 (a)(27) requires financial assurance regardless of first-in first-out waste management. In the cost estimate include funds for up to 180 days of miscellaneous site maintenance (e.g. landscape and site access control).

9. Provide a history and description of any enforcement actions by the applicant described in subsection 62-701.320(3), F.A.C. relating to solid waste management facilities in Florida. (62-701.710(2) F.A.C. and 62-701.320(7)(i), F.A.C.).
10. Provide documentation that the applicant either owns the property or has legal authorization from the property owner to use the site for a waste processing facility (62-701.710(2), F.A.C. and 62-701.320(7)(g), F.A.C.)

Note: O.C.C. 32-215(a)(4) requires, "Proof of ownership of property. At minimum, applicants shall provide an opinion of title based upon a title search."

11. Provide a description of any ancillary operations. [O.C.C. 32- 215(a)(5)e., 32-216(a)(15)]
12. Provide documentation of the stormwater management system design and that the requirements of O.C.C. 32-216(b)(6) will be met.
 - a) For existing facilities, provide documentation that at least once every five (5) years maintenance activities shall including the removal of accumulated sediments from ponds, catch basins, and other control structures, and the restoration of control structures to design specifications, has been performed.

13. For facilities proposing outdoor storage and/or processing:
 - a) The facility accepts only construction and demolition debris and all areas where waste is stored are covered by a ground water monitoring system which meets the requirements of subsection 62-701.730(8), F.A.C. [F.A.C. 62-701.710(1)(d)2.]; or
 - b) The facility accepts only Class III wastes, the areas where waste is received is under roof and on an impervious surface, and all areas where waste is stored or processed are covered by a ground water monitoring system which meets the requirements of subsection 62-701.730(8), F.A.C. [F.A.C. 62-701.710(1)(d)3.]

14. Provide the proposed fee schedule. [O.C.C. 32- 215(a)(9)]
15. Provide a proposal for any additional controls, if applicable within the Wekiva Study Area. [O.C.C. 32-215(f)(4)]
16. Provide a description of any Waiver Requests and responses to the criteria used to evaluate such waivers. Identify the Code requirement for which the waiver is sought. [O.C.C. 32- 214(k)]
17. Demonstration of Need [O.C.C. 32-215(a)(18)] is not a required submittal, but need for the service may be a factor considered by the Board. [O.C.C. 32-214(j)(3)]

C. SUBMITTAL LOCATION INDEX IN APPLICATION PACKAGE

(S = Submitted; N/A = Not Applicable ; NSC = No Substantial Change)

Status	Location of submittal	Item	FAC 62-701	O.C.C. 32-	Summary
S	Section 4	B.1	.710(2)(a)	215(a)(16) 215(a)(19) 215(f)	Description of the operation of the facility
NSC	Section 3	B.2	.710(2)(b)	215(a)(5) g.,h.*,i., j.* 215(f)(1)	Site plan; area map; zoning; wetlands; protected areas; setbacks; landscaping buffer
NSC		B.3	.710(2)(c)	215(a)(3) 215(f)(1)	Boundary survey and legal description
S	Section 4	B.4	.710(2)(d)	215(a)(5) 215(a)(11) 215(a)(15) 215(a)(19) 215(f)(1)	Tipping, processing, sorting, storage and compaction areas; Litter control; Leachate control; Waste quantification
S	Section 4	B.5	.710(2)(e)	215(a)(5)j.* 215(a)(19) 215(a)(21)* 215(f)(1)	Operational requirements; Operator and spotter training; Odor control; Fire protection; Access control; Hazardous waste; Record keeping;
NSC	Section 4	B.6	.710(2)(f)	215(a)(5)k. 215(f)(1)	Closure plan
S	Section 4, Appendices D&K	B.7	.710(2)(g)	215(f)(1)	Contingency plan
S	Section 5	B.8	.710(7)	215(a)(14)	Financial assurance
S	Section 6	B.9	.710(2) .320(7)(i)	214(j)(3) 215(f)(1)	Enforcement action history
NSC	Section 2	B.10	.320(7)(g)	215(a)(4)	Proof of ownership; Opinion of Title; Authorization
NSC	Section 4	B.11		215(a)(5)e.* 215(a)(19)	Ancillary operations (if needed)
NSC	Section 4	B.12		215(a)(5)f.*	Stormwater management
N/A		B.13	.710(1)(d)2	215(a)(8)	Ground water monitoring plan (if needed)
		B.14		215(a)(9)	Fee schedule
N/A	Cover Letter	B.15		215(f)(4)	Wekiva Study Area controls
N/A		B.16	.710(9)	214(k)	Waiver Requests (if needed)
S	Section 1			O.C.C. Sec. 2-354, 2-454;	Specific Project Expenditure Report; Relationship Disclosure Form; Agent Authorization
N/A				Florida Statute 163.3163	Acknowledgement of Contiguous Sustainable Agriculture Land

* These items are often addressed by the local municipality.

D. CERTIFICATION BY APPLICANT AND ENGINEER

1. Applicant:

The undersigned applicant or authorized representative of

Taft Recycling, Inc.

is aware that statements made in this form and attached information are an application for a **Solid Waste Management Facility** Permit from the Orange County Environmental Protection Division (EPD) and certifies that the information in this application is true, correct and complete to the best of his/her knowledge and belief. Further, the undersigned agrees to comply with the provisions of Orange County Code, including any provisions of Chapter 403, Florida Statutes, and rules and regulations of the Florida Department of Environmental Protection adopted by reference. It is understood that the Permit is not transferable, and the EPD will be notified prior to the sale or legal transfer of the permitted facility.

Kirk Wills

Signature of Applicant or Agent

Kirk Wills, Southern Region Engineer

Name and Title

kirk.wills@wasteconnections.com

E-mail address

835 County Road 529

Mailing Address

Lake Panasoffkee, FL 33538

City, State, Zip Code

(813) 388-1026

Telephone Number

04/05/2023

Date

2. Professional Engineer Registered in Florida:

This is to certify that the engineering features of this solid waste management facility have been designed / examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated, will comply with provisions of Orange County Code, including any provisions of Chapter 403, Florida Statutes, and rules and regulations of the Florida Department of Environmental Protection adopted by reference. It is agreed that the undersigned will provide the applicant with a set of instructions for proper maintenance and operation of the facility.

Signature

Jennifer L Deal, PE

Name and Title

This form has been digitally signed and sealed by Jennifer L Deal, PE, on 14/05/2023

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

58592

Florida Registration Number

(please affix seal)

Cornerstone Environmental Group, LLC
A Tetra Tech Company
Engineering Business #29533

201 E Pine Street, Suite 1000

Mailing Address

Orlando, FL 32801

City, State, Zip Code

jennifer.deal@tetrattech.com

E-mail address

(407) 719-0608

Telephone Number

Date

