



Interoffice Memorandum

AGENDA ITEM

March 24, 2017

TO: Mayor Teresa Jacobs
-AND-
Board of County Commissioners

FROM: Jon V. Weiss, P.E., Director
Community, Environmental and Development
Services Department

CONTACT PERSON: Lori Cuniff, CEP, CHMM, Deputy Director
Community, Environmental and Development
Services Department
(407) 836-1405

SUBJECT: April 25, 2017 – Consent Item
Taft Recycling, Inc. Request for Renewal of a Solid Waste
Management Facility Permit

The applicant, Taft Recycling, Inc., requests renewal of a Solid Waste Management Facility permit for a Materials Recovery Facility (MRF) and Transfer Station for Class I and Class III solid waste. The facility includes existing office building, equipment maintenance building, 18,600 sq. ft. waste and material recovery processing building, and sorting areas. The site is located on the north side of 7th Street, approximately ½ mile west of Sidney Hayes Road, and ¼ mile south of Thorpe Road, at the address 375 7th Street, Taft, Florida. The Parcel ID number for the site is: 02-24-29-7268-00-410. The subject property is located in Orange County Commission District 4.

On May 9, 2006, the Board of County Commissioners (BCC) approved a Special Exception and permit for an expansion of a then existing recycling facility to include additional building floor space and allow the transfer of, and recovery of recyclable materials from, Class I and Class III solid waste. The BCC last approved renewal of this permit on May 24, 2011.

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 is defined in Orange County Code, Section 32-213, as "solid waste that is not hazardous waste, and that is not prohibited from disposal in a lined landfill under Rule 62-701.300, F.A.C." This generally includes household and other putrescible solid waste.

Class III waste is defined in part as, "combinations of yard waste and construction and demolition debris along with other debris such as paper, cardboard, asbestos, cloth, cut tires, glass, plastic and other materials approved by FDEP that are not expected to produce leachate which poses a threat to public health or the environment."

On February 8, 2016, the Environmental Protection Division (EPD) received an application for permit renewal from HSA Golden on behalf of Taft Recycling, Inc., a Florida registered corporation. Since its initial submittal, the application has undergone some revisions in response to EPD's requests for additional information. These revisions were necessary to ensure that the application submittals were complete and to ensure compliance with relevant code requirements.

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 compliance issues that have arisen. These have generally been episodic concerns of confinement of waste storage to within approved areas.

In conjunction with the permit conditions, the revised Operating Plan satisfactorily addresses current code requirements as reviewed by EPD staff. A previously approved waiver for expanded hours of operation is documented in permit condition number 61 and there are no proposed changes. Minor updates to the permit conditions have been proposed to ensure consistency with the renewal submittals. A Fire Fighting Agreement for the facility is currently being updated in collaboration with Fire Recue.

The current permit (No. SW-022429-MRF/TS-06/1105) had an expiration date of May 8, 2016, and in accordance with Orange County Code Section 32-214(g) the facility has operated under an extension during the renewal application review period. Upon approval by the BCC, this permit shall be renewed for five (5) years, with a new expiration date of April 24, 2022.

ACTION REQUESTED: Approval of renewal of Solid Waste Management Facility Permit No. SW-022429-MRF/TS-06/1105 for Taft Recycling, Inc. (Materials Recovery Facility and Transfer Station) with waiver and conditions. District 4

JVW/LC: mg

Attachments

General Conditions:

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. Legget, 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.

- 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
- 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.
 - 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.
 - 8. Solid waste cannot be placed in any natural or artificial body of water, including groundwater.
 - 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.
 - 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 Conditions

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) 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.
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.

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 ~~1500~~ 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 (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 Conditions

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 Conditions

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.

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.

32. 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), 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 right-of-ways and with all necessary safety precautions.

33. 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) and Chapter 38, Orange County Code.
35. The facility shall be operated to control objectionable odors in accordance with Section 38-1453, 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.
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.
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, 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:
 - a. Front yard (southern boundary): 35 feet
10 feet if Seventh Street west end is vacated
 - b. Side yard (western boundary): 25 feet
 - c. Side yard (eastern boundary): 25 feet
 - d. Rear yard (northern boundary): 10 feet
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 Conditions

46. The following items shall be maintained and available for review at the facility for a period of at least 3 years:
- a. A copy of the complete permit including plans, reports, and other supporting documents;
 - b. Unauthorized waste receipt logs maintained in an unauthorized waste receipt logbook;
 - c. Manifests and/or receipts for leachate tank pump-out;
 - d. Manifests for any hazardous waste, universal waste, or regulated nonhazardous waste, shipped off-site;
 - e. Credentials for operators and spotters;
 - f. A list of customers notified about haul routes and restrictions;
 - g. A log of drivers banned because of uncovered or untied loads;
 - h. 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. 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;
 - b. A report of stormwater management system inspections and any repairs;
 - c. 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:
- a. 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;
 - b. 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.

Transfer/Renewal/Closing/Revocation Conditions

49. This permit may be transferred only upon approval by the Orange County Board County Commissioners as outlined in Section 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.
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.

Fires, Emergency Preparedness, and Continuity of Operations Conditions

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.
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.
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.

Waivers Conditions

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.
63. All outdoor lighting shall be in accordance with Chapter 9, Orange County Code.
64. Access, drainage, roadway improvements and concurrency management shall be determined by the Public Works Department.

65. Landscaping shall be in accordance with Chapter 24, Orange County Code.
66. Outdoor storage of Class I solid waste is prohibited.
67. Hours of operation shall be in accordance with Chapter 32, Orange County Code.
68. Prior to operating the site a flood plain permit is required.
69. Construction plans shall be submitted within 3 years or this approval becomes null and void.
70. Haul route, dust emissions, litter control, odor and screening shall be subject to EPD review and BCC approval of the permit.

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.
72. Billboards and pole signs shall be prohibited. Other signage shall be consistent with Chapter 31.5 and any state signage requirements.
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.
74. Outdoor storage of Class I solid waste is prohibited. This shall include the overnight parking of vehicles containing uncovered Class I solid wastes.
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.

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, the applicant shall obtain all other applicable state or federal permits before commencement of development.

- End of Conditions -

INSTRUCTIONS TO APPLY FOR A SOLID WASTE MANAGEMENT FACILITY (OTHER THAN LANDFILLS) PERMIT

I. General

Private Solid Waste Management Facilities in the areas of Orange County that are not within the boundaries of any municipality shall be permitted pursuant to the Orange County "Solid Waste Management Ordinance" Chapter 32, Article V of the Orange County Code. Four (4) copies of the application shall be submitted to the Orange County Environmental Protection Division (EPD).

Complete all sections for the type of facility for which application is made. Entries shall be typed. All blanks shall be filled in or marked "not applicable" or "no substantial change". Information provided in support of the application shall be marked "submitted" and the location of this information in the application package indicated. The application shall include all information, drawings, and reports necessary to evaluate the facility.

II. Application Codes

S	-	Submitted
Location	-	Physical location of information in application
N/A	-	Not Applicable
NSC	-	No Substantial Change



**ORANGE COUNTY
ENVIRONMENTAL PROTECTION DIVISION**

**CHECKLIST FOR PERMIT TO CONSTRUCT / OPERATE,
MODIFY OR CLOSE A SOLID WASTE MANAGEMENT
FACILITY OTHER THAN LANDFILLS**



A. General Information

1. Type of facility:	
<input type="checkbox"/> Composting	<input checked="" type="checkbox"/> Waste tire processing
<input type="checkbox"/> Used oil recycling	<input type="checkbox"/> Incinerator
<input checked="" type="checkbox"/> Solid waste transfer station	<input checked="" type="checkbox"/> Yard waste and land clearing debris recycling
<input checked="" type="checkbox"/> Materials recovery	
<input type="checkbox"/> Other _____	
2. Type of application:	
<input checked="" type="checkbox"/> Construction / Operation	<input type="checkbox"/> Closure
3. Classification of application:	
<input type="checkbox"/> New	<input type="checkbox"/> Substantial Modification
<input checked="" type="checkbox"/> Renewal	<input type="checkbox"/> Minor Modification
4. Facility name: Taft Transfer Station/Waste Processing & Material Recovery Facility	
5. EPD permit number: SW-022429-MRF/TS-06-11 District number: _____	
6. Facility location (main entrance):	
375 West 7th Street, Orlando, Florida 32824	
7. Location coordinates:	
Section: 2 Township: 24 S Range: 29 E	
UTMs: Zone _____ km E _____ km N	
Latitude: 28 ° 25 ' 33 " Longitude: 81 ° 22 ' 59 "	

8.	Applicant name (Operating Authority): <u>Taft Recycling, Inc.</u>	
	Mailing address:	<u>2301 Eagle Parkway, Ste., 200, Fort Worth, TX 76177</u>
	Contact person:	<u>Michael Kaiser</u>
	Telephone:	<u>904-673-0446</u>
	Title:	<u>Southeast Region Engineer</u>
9.	Authorized agent / Consultant: <u>HSA Golden</u>	
	Mailing address:	<u>11 Lake Gatlin Road, Orlando, FL 32806</u>
	Contact person:	<u>John P. Smith</u>
	Telephone:	<u>407-649-5475</u>
	Title:	<u>Vice President, Principal Engineer</u>
10.	Landowner (if different from applicant):	
	Mailing address:	
	Contact person:	
	Telephone:	
11.	Volume of solid waste to be received:	<u>2,000</u> yds ³ /day <input type="radio"/> tons/day <input checked="" type="radio"/> (circle one)
12.	Date site will be ready to be inspected for completion:	<u>N/A</u>
13.	Estimated life of the facility:	<u>N/A</u> years
14.	Estimated closure costs:	\$ <u>647,770.67</u>
15.	Anticipated construction starting and completion dates: From: <u>N/A</u> To: <u>N/A</u>	

B. Solid Waste Management Facility General Information

1. Provide a brief description of the facility design and operation planned by this application: 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 a 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 a FDEP approved Class I, III, and C&D facility depending on waste type.							
2. Facility site supervisor: <u>Roberto Gonzalez</u> Title: <u>Division Manager</u> Telephone: <u>407-921-2641</u>							
3. Operational area (indicate square feet for housed operations or acres for field operations): Total: <u>12 acres</u> Used: <u>12 acres</u> Available: <u>0 acres</u>							
4. Source of waste: <u>Orange, Osceola, and Seminole Counties, City of Orlando</u>							
5. Haul route: <u>Orange Blossom Trail (US 17-92) or Orange Avenue to West Taft-Vineland Road or West Landstreet Road to Sidney Hayes Road to Harrington Road (7th Street)</u>							
6. Paved access: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
7. Weighing scales used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
8. Security chain link fence (minimum 6 ft. tall), with locking gates, around the site to prevent unauthorized use: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Number of gates <u>1</u>							
9. Surrounding land use, zoning: <table><tr><td><input type="checkbox"/> Residential</td><td><input checked="" type="checkbox"/> Industrial</td></tr><tr><td><input type="checkbox"/> Agricultural</td><td><input type="checkbox"/> None</td></tr><tr><td><input checked="" type="checkbox"/> Commercial</td><td><input type="checkbox"/> Other _____</td></tr></table>		<input type="checkbox"/> Residential	<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Agricultural	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> Other _____
<input type="checkbox"/> Residential	<input checked="" type="checkbox"/> Industrial						
<input type="checkbox"/> Agricultural	<input type="checkbox"/> None						
<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> Other _____						

10. List the type of waste received: _____

Class I and Class III waste, municipal solid waste, yard trash, concrete, asphaltic concrete, wood wastes, building debris, cardboard, carpet, cloth, paper, metal, plastic, waste tires, and furniture described in Rule 62-701, F.A.C.

11. Salvaging permitted: ☐ Yes ☒ No

12. Facility personnel: (indicate number)

Attendant: 4 Trained operator: 2

Spotters: 2 Security: 0

13. Site located in:

☐ Floodplain

☐ Wetlands

☐ Conservation Area

☒ Other Not in environmentally sensitive area

14. *Prior Use as a Solid Waste Management Facility Form on file with deed to property:*

☒ Yes ☐ No

15. Days of operation: 7 days/week

16. Hours of operation: 24 hours/day

17. Stormwater:

Collected: ☒ Yes ☐ No Type of treatment: Retention

Diverted: ☐ Yes ☒ No

18. Applicable Stormwater Management Permit number or status:

ERP48-0179138-003-SI

C. Permit Required Submittals

S	Location	N/A	NSC	Section 32-215	Required submittals
X	Attached			(a)(1)	Original and three copies of the completed application with all supporting data and reports.
			X	(a)(2)	Certified current topographic survey.
			X	(a)(3)	Certified boundary survey.
X	Section 2			(a)(4)	Proof of ownership of property.
			X	(a)(5)	Engineering plans:
			X	(a)(5)e.	Design of ancillary facilities.
			X	(a)(5)f.	Stormwater management plan.
X	Section 3			(a)(5)g.	Zoning of property and adjacent properties.
			X	(a)(5)h.	Landscape buffer plan
X	Section 4			(a)(5)j.	Setbacks and access control
X	Section 4			(a)(6).	Processing fee.
X	Section 4			(a)(9)	Proposed fee schedule.
X	Section 4			(a)(10)	Proposed hours of operation.
X	Section 4			(a)(11)	Proposed method of quantifying waste.
X	Section 3			(a)(13)	Aerial photograph.
X	Section 5			(a)(14)	Evidence of financial assurance.
X	Section 4			(a)(15)	Litter control.
X	Section 4			(a)(16)	Waste stream quality control.
X	Section 4			(a)(19)	Operations plan
X	Section 4			(a)(20)	Description of how the facility will comply with mandatory recycling.
X	Section 4			(a)(21)	Fire fighting agreement.

D. Certification by Applicant and Engineer

I. 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 MRF/TS Operation Per
Permit from the Orange County Environmental Protection Division and certified that the
information is this application is true, correct and complete to the best of his knowledge and
belief. Further, the undersigned agrees to comply with the provisions of the Orange County
Code, Florida Statutes, and all applicable rules and regulations of the Environmental
Protection Division. It is understood that the Permit is not transferable, and the Division will
be notified prior to the sale or legal transfer of the permitted facility.



Signature of Applicant or
Authorized Representative

Michael Kaiser, Southeast Region Engineer

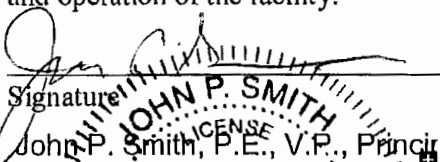
Name and Title

2/2/16

Date

II. 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 all applicable parts of the Orange County Code, State of Florida
Statutes, and rules and regulations of the Environmental Protection Division. It is agreed that
the undersigned will provide the applicant with a set of instructions of proper maintenance
and operation of the facility.



Signature

John P. Smith, P.E., V.P., Principal
Name and Title

No. 63423
63423

Florida Registration Number
(please affix seal)
2/2/16

PROFESSIONAL ENGINEER
Date

11 Lake Gatlin Road

Mailing Address

Orlando, FL 32806

City, State, Zip Code

(407) 649-5475

Telephone Number

ORANGE COUNTY ZONING
 RESIDENTIAL DISTRICT
 MOBILE HOME RESIDENTIAL
 RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL
 PLANNED DEVELOPMENT
 CONSERVATION
 ORIGINAL INDUSTRIAL
 FLOOD HAZARD (2006)
 FLOOD WAYS & PUMP
 OTHER
 SOUTH FLORIDA WATER
 MANAGEMENT DISTRICT CAP
 WELL (2006)

NOTE: NO MATERIAL WITHIN
 DISTRICT BOUNDARIES
 CITY OF ORANGE ZONING

11 1400 GAVIN ROAD
 ORANGE, FL 32838
 P: 407.488.5475 F: 407.488.4052
 INFO@HSGOLDEN.COM

PROJECT B
 06-004.022
 SHEET 1

AERIAL PHOTOGRAPH / ZONING / WELL SURVEY
 TAFT TRANSFER STATION / WASTE PROCESSING & MATERIAL
 RECOVERY FACILITY
 ORANGE COUNTY, FLORIDA

DATE	REVISIONS	BY	DATE
06/12/06	1.0	06/12/06	06/12/06
06/12/06	2.0	06/12/06	06/12/06
06/12/06	3.0	06/12/06	06/12/06
06/12/06	4.0	06/12/06	06/12/06
06/12/06	5.0	06/12/06	06/12/06
06/12/06	6.0	06/12/06	06/12/06
06/12/06	7.0	06/12/06	06/12/06
06/12/06	8.0	06/12/06	06/12/06
06/12/06	9.0	06/12/06	06/12/06
06/12/06	10.0	06/12/06	06/12/06
06/12/06	11.0	06/12/06	06/12/06
06/12/06	12.0	06/12/06	06/12/06
06/12/06	13.0	06/12/06	06/12/06
06/12/06	14.0	06/12/06	06/12/06
06/12/06	15.0	06/12/06	06/12/06
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06/12/06	25.0	06/12/06	06/12/06
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06/12/06	27.0	06/12/06	06/12/06
06/12/06	28.0	06/12/06	06/12/06
06/12/06	29.0	06/12/06	06/12/06
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06/12/06	62.0	06/12/06	06/12/06

AERIAL PHOTOGRAPH / ZONING / WELL SURVEY

Taft Transfer Station / Waste Processing & Material
Recovery Facility
Orange County, Florida

PROJECT # 05-604.022
SHEET 1

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 ORANGE COUNTY ZONING
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 RESIDENTIAL DISTRICT
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 NORMAL HOME RESIDENTIAL
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 RESIDENTIAL
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- 
 FAMILIAL AND RURAL
- 
 NOT VATCHED WITHIN
CODEBOOK PRODUCTS
- 
 CITY OF ORANGE ZONING
- 
 PLANNED DEVELOPMENT
- 
 CONSERVATION
- 
 GENERAL INDUSTRIAL
- 
 PDM (DEWATER) (DOW)
- 
 DEEP WATER SHIP Y
- 
 PUMP AND STORAGE WELL
- 
 NORTH PLATTE WATER
WELL (DEWATER) (DOW)

hsagolden
engineering environmental solutions
11 LAKE GATLIN ROAD
ORLANDO, FL 32816
P: 407.649.5473 F: 407.649.6582
HSAGOLDEN.COM

Project: P18035-08-004.022 - Progressive Waste Services - T&E Recycling DOE and OCEFD Permit Renewals CADWgms-201803-08-004-022 - DOE-OCEFD Permit Renewals/Consent Mark25-HC-08-004-022

