ORANGE COUNTY GOVERNMENT FLORIDA

Interoffice Memorandum

Continue public hearing to AUG 2 2 2017

06-19-17A10:16 RCVD

06-19-17A10:10 RCVD

June 14, 2017

TO: Katie Smith, Manager
Comptroller Clerk's Office

THROUGH: Cheryl Gillespie, Agenda Development Supervisor
Agenda Development

FROM: Lori Cunniff, CEP, CHMM, Deputy Director
Community, Environmental and Development Services Department L Cunniff

STAFF PERSON: Arnaldo Mercado, Environmental Programs Administrator
Environmental Protection Division
PHONE #: 407-836-1410

SUBJECT: Request for Public Hearing on July 11, 2017, at 2:00 p.m., for the Orlando Transfer Station, Solid Waste Management Facility Permit Application, located at 4978 L B Mcleod Road, City of Orlando, Orange County, Florida; Parcel ID: 07-23-29-8630-00-010

Applicant:	Waste Management Inc. of Florida
Type of Hearing:	Solid Waste Management Facility Permit Application – Transfer Station.
Hearing required by:	Orange County Code Chapter 32 Article V (Solid Waste Management Ordinance) Section 32-214.
Advertising requirement:	Publish once in a newspaper of general circulation in Orange County at least ten (10) days prior to public hearing.
Advertising timeframes:	At least ten (10) days prior to public hearing.
Notification requirements:	N/A
Estimated time required for public hearing:	2 minutes.
Hearing Controversial:	No.

LEGISLATIVE FILE # 17-855

July 18, 2017 @ 2pm

Municipality or other
Public Agency to be notified: City of Orlando

District #: 6.

Materials being submitted as backup for public hearing request:

1. Application for a Solid Waste Management Facility Permit – Transfer Station.
2. Site Plan.
3. Location Map.

Special Instructions to Clerk:

Once the Board of County Commissioners makes a decision on the Solid Waste Management Facility permit application, please submit the decision letter to Michelle Gonzalez with EPD. EPD will issue the decision to the applicant.

Advertising Language:

Waste Management Inc. of Florida, 4978 L B Mcleod Road, City of Orlando, Orange County, Florida; Parcel ID: 07-23-29-8630-00-010; Request permit to construct, operate, and close a solid waste management facility – Transfer Station - pursuant to Chapter 32, Article V, Section 32-214. District # 6. (property legal description on file)

DB/AM/LC: mg

Attachments

c: Chris Testerman, Assistant County Administrator
Jon V. Weiss, P.E., Director, Community, Environmental and Development Services
Joel D. Prinsell, Deputy County Attorney

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

Environmental Protection Division
800 Mercy Drive, Orlando, FL 32808
Ph 407.836.1400; Fax 407.836.1499
www.ocfl.net

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

GENERAL REQUIREMENT:

Solid Waste Management Facilities in Orange County shall be permitted pursuant to Orange County Code Chapter 32, Article V, the "Solid Waste Management Ordinance." Applications for permits to construct, operate, close and conduct post-closure care of these facilities and ancillary operations shall be made at the Environmental Protection Division (EPD) office.

GENERAL PROCEDURE:

Submit a complete application that meets the requirements of Orange County Code Chapter 32, Article V. EPD will review the application and request additional information if necessary to complete the application and have enough information to make a recommendation. For facilities within unincorporated Orange County, review by the Development Review Committee [32-214(a)(2)] and by the Board of Zoning Adjustment for a Special Exception [32-214(a)(3)] are also required. A decision on the EPD permit application, and the Special Exception if applicable, will then be made by the Board of County Commissioners at a concurrent public hearing. [32-214(j)]

For permit renewals, EPD will review the application, determine a recommendation, and then schedule on the agenda for the Board of County Commissioners for a decision. [32-214(n)]

INSTRUCTIONS FOR EPD PERMIT APPLICATION (THIS FORM):

Complete this application and include all additional information, drawings, and reports necessary to evaluate the facility. All submittals must be signed and sealed by a professional registered (State of Florida) engineer, geologist or land surveyor, as appropriate. All entries must be legible by County staff by being type-written or printed in ink.

☒ Original and three copies submitted (one copy may be electronic .pdf):

- ☒ Information, drawings, and reports as described in this form;
- ☒ Fire Fighting Agreement
- ☒ Orange County Specific Project Expenditure Report;
- ☒ Orange County Relationship Disclosure Form;
- ☒ Orange County Agent Authorization Form;

☒ Orange County Application Fee included: $ $6,592.00

If paying by check, please make payable to the

"Orange County Board of County Commissioners"

A. General Information

1. Type of facility:

   ☒ Transfer Station ☐ Materials Recovery Facility ☐ Other: _____

2. Type(s) of waste:

   ☒ Class I ☒ Class III ☒ Construction and demolition debris

   Other: _____

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

   _____ yds^3/day 1,000 tons/day

4. Source of waste / Cities, towns, and areas to be served:

   Orange County and surrounding communities

5. Type of application:

   ☐ Construction / Operation ☒ Operation without additional construction ☐ Closure

6. Classification of application:

   ☒ New ☐ Renewal ☐ Minor Modification ☐ Major Modification (substantial deviation)

   EPD Permit #: _____ Expiration Date: _____

   FDEP Permit #: SO48-0176908-006 Expiration Date: 1/12/2016

7. Facility name: Orlando Transfer Station

8. Location:

   Address: 4978 L.B. McLeod Road, Orlando, FL 32811

   Parcel IDs: 07-23-29-8630-00-010

   Latitude: 28° 30' 09.89" Longitude: 81° 26' 44.26"

   Municipality: Orlando Orange County Commission District #: 6

9. Applicant name (operating authority):

   Name: Waste Management Inc. of Florida

   Mailing Address: 2700 Wiles Road, Pompano Beach, FL 33073

   Contact person: Timothy Hawkins Phone: (954) 984-2035

   Title: President E-mail: thawkins@wm.com

10. Authorized agent / Consultant:

Name: S2L, Incorporated

Mailing Address: 531 Versailles Drive, Suite 202, Maitland, FL 32751-7301

Contact person: Sandeep D. Saraf, P.E. Phone: (407) 475-9163

Title: Senior Engineer E-mail: ssaraf@s2li.com

11. Landowner (if different than applicant):

Name: N/A

Mailing Address: _____

Contact person: _____ Phone: _____

_____ E-mail: _____

12. Operational and storage areas:

Total parcel size: 10.33 acres

Existing outdoor area: _____ acres Existing building: 32,000 sq ft

Proposed outdoor area: _____ acres Proposed building: _____ sq ft

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

Street segments: Interstate 4 to John Young Parkway to L.B. McLeod Road

Residential roads: ☐ yes | ☒ no Paved access: ☒ yes | ☐ no

14. Hours of Operation:

Mon - Fri: _____ - _____ Sun: _____ - _____

Sat: _____ - _____ Other: 24 hours per day, 7 days per week

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

Class I waste, Class III waste, and C&D debris are accepted, weighed, unloaded, screened for non-complying materials, loaded, and transferred for disposal. Waste Management will also transfer source-separated recycled cardboard and cardboard, metals, and appliances that are separated for recovery from the waste stream.

B. ADDITIONAL INFORMATION

Please attach the following reports or documentation as required. References are to Florida Administrative Code (F.A.C.) and Orange County Code (O.C.C.) unless noted otherwise.

1. Provide a description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections (Rule 62-701.710(2)(a), F.A.C.).
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(a)(11)d. and Chapter 24. [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.]*
3. Provide a description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include (Rule 62-701.710(2)(c), F.A.C.):
   a) Regular facility operations as they are expected to occur;
   b) Procedures for start up operations, and scheduled and unscheduled shut down operations; and
   c) Potential safety hazards and control methods, including fire detection and control.
4. Provide a description of the loading, unloading, storage and processing areas (Rule 62-701.710(2)(d), F.A.C.).
   a) *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)]]*
5. Provide the identification and capacity of any on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues (Rule 62-701.710(2)(e), F.A.C.).
6. Provide a plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment (Rule 62-701.710(2)(f), F.A.C.).
7. Provide a boundary survey, legal description, and topographic survey of the property (Rule 62-701.710(2)(g), F.A.C.).

   Note: A topographic survey is required per F.A.C. 62-701.710(2)g. but as it is excluded in O.C.C. 32-215(f)(2), the additional criteria for the survey in 32-215(a)(2) will not apply.
8. Provide a description of the design requirements for the facility which demonstrate how the applicant will comply with Rule 62-701.710(3), F.A.C.
   a) *Access to the sites shall be controlled via installation of a security chain link fence. [O.C.C. 32-216 (a)(13); Section 38-1408.]*
   b) *Provide a Litter Control Plan for the facility. [O.C.C. 32-215(a)(15)]*

c) *Truck scales shall be calibrated, as a minimum, every twelve (12) months and the certificate of calibration shall be displayed at the scale house or gate house at all times.*

9. Provide an operation plan which describes how the applicant will comply with Rule 62-701.710(4), F.A.C. (Rule 62-701.710(2)(h), F.A.C.).

   a) *Provide a Fire Fighting Agreement that has been approved by the local Fire Rescue service provider. [O.C.C. 32-215(a)(21)]*

10. Provide a closure plan which describes generally how the applicant will comply with Rule 62-701.710(6), F.A.C. (Rule 62-701.710(2)(i). F.A.C.).

11. Unless exempted by Rule 62-701.710(10)(a), F.A.C., provide the financial assurance documentation required by Rule 62-701.710(7), F.A.C. (Rule 62-701.710(2)(j), 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).

12. Provide documentation to show that stormwater will be controlled according to the requirements of Rule 62-701.710(8), F.A.C.

    Note: The stormwater requirements of O.C.C. 32-216(b)(6) must also be met.

13. Provide documentation to show that the applicant will comply with the recordkeeping requirements of Rule 62-701.710(9), F.A.C.

14. 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. (Rules 62-701.710(2), F.A.C. and 62-701.320(7)(i), F.A.C.)

15. *Provide a hydrogeological assessment and groundwater monitoring plan if construction and demolition debris will be stored/processed outdoors. [F.A.C. 62-701.710(10)]*

16. *Provide the proposed fee schedule. [O.C.C. 32- 215(a)(9)]*

17. *Provide a description of any ancillary operations. [O.C.C. 32- 215(a)(5)e.]*

18. *Provide a proposal for any additional controls, if applicable within the Wekiva Study Area. [O.C.C. 32-215(f)(4)]*

19. *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)]*

20. *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	Submittal Location	Form	62-701	OCC 32	Summary
S	Section 4.2.4 of Division 2 and Appendix F	A.9	320(g)	215(a)(4)	Proof of ownership; Consent;
S	Section 4.1.1(a) of Division 2, Sections 3.3 and 3.4 of Appendix B, and Exhibit D of Appendix B	B.1	710(2)(a)	215(a)(19)	Waste description and projections
S	Sections 4.1.1(b), 4.2.5(g), (h), (i), and (j) of Division 2; Appendices A, E, and H	B.2	710(2)(b)	215(a)(5) h.*, j.*	Site plan; area map; zoning; wetlands; protected areas; setbacks; landscaping buffer
S	Section 4.2.19 of Division 2 and Appendix B	B.3	710(2)(c)	215(a)(19)	Description of operations
S	Section 4.1.1(d) of Division 2 and Section 3.9 of Appendix B	B.4	710(2)(d)	215(a)(19) 215(f)(3)	Loading, unloading, storage and processing areas
S	Section 4.3 of Division 2; Section 3.5 and Exhibit C of Appendix B	B.5	710(2)(e)	215(f)(3)	Capacity of any on-site storage
S	Section 4.1.1(f) of Division 2; Sections 3.6.8 and 3.10 of Appendix B	B.6	710(2)(f)	215(a)(19)	Residual handling; Equipment breakdowns
S	Sections 4.2.2 and 4.2.3 of Division 2; Appendix F	B.7	710(2)(g)	215(a)(3)	Boundary, legal description, and topographic survey
S	Section 4.1.2(a) and 4.2.15 of Division 2; Section 5.0 of Appendix B	B.8	710(3)(a)	215(a)(15)	Ventilation system; Litter control
S	Section 4.1.2(b) of Division 2 and Section 3.7 of Appendix B	B.8	710(3)(b)	215(a)(5)	Leachate control system
S	Sections 4.2.11 and 4.3 of Division 2; Sections 3.5 and 4.2, and Exhibit C of Appendix B	B.8	710(3)(c)	215(f)(3)	Quantification method; capacity
S	Section 4.2.19 of Division 2 and Appendix B	B.9	710(4)(a)1.	215(a)(19)	Operation and maintenance
S	Sections 4.2.16, 5.1.14, and 4.1.3(a) of Division 2; Sections 4.0 and 4.6	B.9	710(4)(a)2.	215(a)(16)	Waste QC; unauthorized waste

	of Appendix B				
S	Section 4.1.3(a) of Division 2 and Section 7.0 of Appendix B	B.9	710(4)(a)3.	215(a)(19)	Contingency plan (emergency)
S	Section 3.7 of Appendix B	B.9	710(4)(b)	215(a)(19)	Holding times; Cleaning;
S	Sections 5.2.1(A)(4) and 4.2.16 of Division 2; Exhibit A of Appendix B; Section 4.0 of Appendix B	B.9	710(4)(c)	215(a)(16)	Training; Waste QC
S	Section 5.1.26 of Divison 2 and Section 6.3 of Appendix B	B.9	710(4)(d)		Objectionable odors; 216(a)(26)
S	Sections 4.1.3(a) and 4.2.21 of Division 2; Section 7.0 of Appendix B;	B.9	710(4)(e)	215(a)(21)*	Fire protection
S	Section 4.2.5(j) of Division 2 and Section 4.1 of Appendix B	B.9	710(4)(f)	215(a)(5)j.*	Site access control
S	Sections 4.2.16 and 5.1.1(D) of Division 2; Sections 4.0 and 4.7 of Appendix B	B.9	710(4)(g)	215(a)(16)	Hazardous / regulated wastes
S	Section 4.2.5(k) of Division 2 and Section 8.0 of Appendix B	B.10	710(6)	215(a)(5)k.	Closure plan
S	Section 4.2.14 of Division 2 and Exhibit F of Appendix B	B.11	710(7)	215(a)(14)	Financial assurance
S	Section 4.2.5(f) of Division 2; Section 10.0 of Appendix B; Appendix G	B.12	710(8)	215(a)(5)f.*	Stormwater management
N/A		B.13	710(9)	215(a)(20)	Record keeping; recycling report
S	Section 5.2.1(A)(1)(i) of Divison 2 and Appendix D	B.14	320(7)(i)	214(j)(3)	Compliance history
N/A		B.15	710(10)(b)	215(a)(8)	Groundwater monitoring plan
N/A		B.16		215(a)(9)	Fee schedule
N/A		B.17		215(a)(5)e.*	Ancillary Operations (if needed)
N/A		B.18		215(f)(4)	Wekiva Study Area controls (if
S	Section 3(k) of Divison 2 and Appendix E	B.19		214(k)	Waiver Requests (if needed)

* If supported by the local municipality, applicants may submit a waiver request for alternate criteria.

D. CERTIFICATION BY APPLICANT AND ENGINEER

1. Applicant:
The undersigned applicant or authorized representative of

Waste Management Inc. of Florida
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 all applicable statutes of the State of Florida, rules of the Florida Department of Environmental Protection, and provisions of Orange County Code. 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.

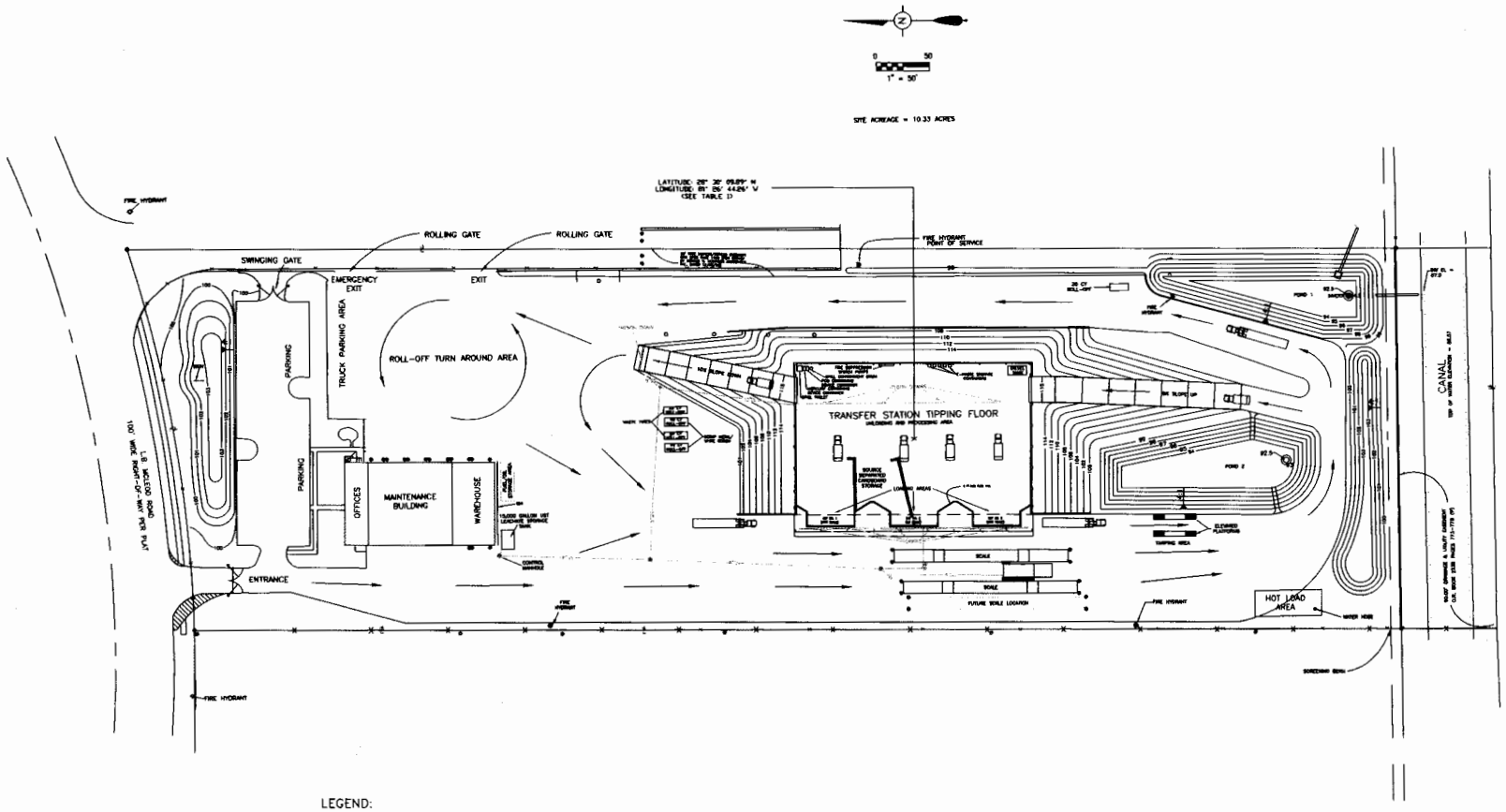
Signature of Applicant or Agent	2700 Wiles Road Mailing Address
Timothy Hawkins, President Name and Title	Pompano Beach, FL 33073 City, State, Zip Code
thawkins@wm.com E-mail address	(954) 984-2035 Telephone Number
	6-9-17 Date

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 all applicable statutes of the State of Florida, rules of the Florida Department of Environmental Protection, and provisions of Orange County Code. It is agreed that the undersigned will provide the applicant with a set of instructions for proper maintenance and operation of the facility.

Signature	531 Versailles Drive, Suite 202 Mailing Address
Sandeep D. Saraf, P.E., Sr. Engineer Name and Title	Maitland, FL 32751-7301 City, State, Zip Code
	ssaraf@s2li.com E-mail address
64084 Florida Registration Number	(407) 475-9163 Telephone Number
(please affix seal)	6-12-17 Date

SANDEEP D. SARAF
LICENSED
No 64084
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Attachment - Site Plan



LEGEND:

	MANHOLE		BOLLARD
	CLEANOUT		UTILITY POLE
12"DL	12" DRAIN LINE		LIGHT POLE
8"PVC	8" PVC PIPE	GDR	GUARD RAIL
	TRACTOR-TRAILER		FIRE HYDRANT
	COLLECTION VEHICLE		TRAFFIC FLOW ARROWS
	PROPERTY LINE		JERSEY BARRIERS

FACILITY ACCESS NOTES:
- GATES WILL BE CLOSED ONLY AFTER BUSINESS HOURS.
- PER FDEP REGULATIONS, HOURS OF OPERATION ARE POSTED NEAR THE FACILITY ENTRANCE.
- GATES WILL ONLY BE LOCKED WITH KNOX-BOX PADLOCKS (OR APPROVED EQUAL) TO PROVIDE FIRE/EMS ACCESS IN CASE OF EMERGENCY.

[redacted]

Z:\DRAWING FILES\WMF - Central\Orlando Transfer Station\11-417 Orange Co. Permit Application\3 - Site Planning Jan 18,2012 - 8:19 am

Signature Date
Sandeep D. Sonal, P.E.
Florida Registration # 54084

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS

WM
Waste Management Inc. of Florida
4075 L.B. McLeod Road
Orlando, Florida 32811
(407) 481-2530

SITE PLAN
ORLANDO MATERIALS RECOVERY FACILITY
ORANGE COUNTY, FLORIDA

S2i
531 Versailles Drive, Suite 202
Maitland, Florida 32751
(407) 475-9183 FAX 475-9189
Certification of Authorization # 7831

DRAWING NUMBER
3

Attachment - Location Map

LEGEND

- RESIDENTIAL LOW INTENSITY
- RESIDENTIAL MEDIUM INTENSITY
- RESIDENTIAL HIGH INTENSITY
- OFFICE LOW INTENSITY
- OFFICE MEDIUM INTENSITY
- OFFICE HIGH INTENSITY
- MIXED USE MEDIUM INTENSITY
- MIXED USE HIGH INTENSITY
- ACTIVITY CENTER
- INDUSTRIAL
- AIRPORT SUPPORT
- PUBLIC RECREATION
- CONSERVATION
- NO CITY ZONING

N

0 600
1" = 600'

SOURCE OF MAP: www.ocfl.net/gis

ZONING MAP
ORLANDO MATERIALS RECOVERY FACILITY
ORANGE COUNTY, FLORIDA

SZH
531 Versailles Drive, Suite 202
Maitland, Florida 32751
(407) 475-9163 FAX 475-9169
Certification of Authorization # 7831

DRAWING NUMBER
2