

March 14, 2011

**VIA UPS/EMAIL**

Mr. David Bromfield  
**Orange County Environmental Protection Division**  
800 Mercy Drive, Suite 4  
Orlando, Florida 32808-7896

Re: **Permit Renewal Application, Taft Recycling, Inc.**  
Taft Transfer Station and Material Recovery Facility, TS/MRF-WPF  
Completeness Review 1  
Parcel ID: 02-24-29-7268-00-410  
Permit: SW-022429-MRF/TS-06-0605  
HSA Golden Project Number 06-404.016

On behalf of Taft Recycling, Inc. (TRI), HSA Golden is submitting for your review the following response to your January 27, 2011 completeness review #1.

*The Environmental Protection Division (EPD) has received your correspondence dated December 15, 2010, including an application for renewal of a Solid Waste Management Facility Permit for a Transfer Station and Materials Recovery Facility, with ancillary tire processing, at the above referenced location. This application covers operations within an approximately 18,600 building within a 12 acre site.*

*The application has been determined to be incomplete. Additional or revised submittals are required before a technical review may commence.*

CR1.1. *Please verify and note in the application that both 375 West 7<sup>th</sup> Street and 473 West 7<sup>th</sup> Street (Orange County Property Appraiser) are valid street addresses for this site.*

Response CR1.1. Both addresses are valid; however, TRI uses the 375 West 7<sup>th</sup> Street address as their facility address.

CR1.2. *Please clarify if the previously projected 1,192 vehicles and actual vehicle usage at the facility of approximately 250 trucks is comparing trips per day, peak demand trips, or simply number of vehicles.*

Response CR1.2. Please note that the 1,192 figure mentioned in the traffic study refers to "trips per day" which includes the number of vehicles entering and exiting the



facility each day (596 round trips). Based on 2010 truck data collected at the scalehouse, approximately 209 inbound (general customers) and 47 outbound (transfer trucks) utilized the facility weight scales on an average day. This average corresponds to a daily trip count of 512, well under the projected 1,192 “trips per day.”

*CR1.3. In accordance with Section 32-215(f)(2) and 32-215(a)(3), please provide a (recent) certified boundary survey and legal description.*

Response CR1.3. Please see Response to CR1.3. attached.

*CR1.4. In accordance with Section 32-215(f)(2) and 32-215(a)(4), please provide proof of ownership. At a minimum, this should be a (recent) opinion of title (from a member of the Florida Bar) based upon a title search.*

Response CR1.4. Please see Response to CR1.4. attached.

*CR1.5. In accordance with Section 32-215(f)(2) and 32-215(a)(9), please provide, or clarify the location of, the proposed fee schedule for use of the solid waste management facility by third parties.*

Response CR1.5. Please see Response to CR1.5. attached.

*The following preliminary comments are provided, that if addressed, may minimize the need for an RAI once the application is complete and the technical review commences:*

*CR1.6. If still applicable, please amend Item A.I of the Application Form to include "Solid waste transfer station" as facility type.*

Response CR1.6. The form has been revised as requested. Please see Response to Comment CR1.6. attached.

*CR1.7. In accordance with 32-216(b)(6)b, please verify that for the stormwater management system, accumulated sediments have been removed from ponds, catch basins, and other control structures, and the restoration of control structures to design specifications.*

Response CR1.7. The facility’s stormwater management system has been maintained. Please see Response to Comment CR1.7. attached.

*CR1.8. In accordance with 32-215(f)(2) and FAC 62-701.710(4)(c), please provide updated training records for operators and spotters.*

Response CR1.8. Please see Response to Comment CR1.8. attached.

*CR1.9. Please amend Operations Plan Section 2.12 to be consistent with permit condition #32 requiring additional litter clean-up locations.*

Response CR1.9. The Operations Plan has been revised as requested. Please see amended Section 2.12 provided in Response to Comment CR1.9. attached.

*CR1.10. Operations Plan Section 2.16. Please clarify the types of equipment maintenance operations being performed on-site, including where work will be performed, as well as types and storage methods for regulated wastes that will be collected.*

Response CR1.10. General maintenance for heavy equipment is performed in the maintenance garage area as shown on Sheet 1. Major overhauls are performed off-site by a maintenance contractor. The following double-walled aboveground storage tanks (ASTs) are located on-site: (2) 500-gallon diesel ASTs, 500-gallon gasoline AST, 275-gallon engine oil (15w40) AST, 275-gallon hydraulic oil AST, 275-gallon transmission oil (30WT) AST, 275-gallon transmission oil (50WT), and 275-gallon antifreeze AST. Please see Response to Comment CR1.10. attached.

*CR1.11. Operations Plan Section 3.4. Please clarify that consistent with permit condition #36, areas where Class I waste is stored or processed shall be cleaned at least daily and washed at least weekly (or more frequently if necessary).*

Response CR1.11. The Operations Plan has been revised as requested. Please see Response to Comment CR1.11. attached.

*CR1.12. Opinion of Probable Closure Costs, Site Plan, etc. Please include a maximum storage quantity for unbaled cardboard.*

Response CR1.12. The Materials Disposition Table and Table 1 Opinion of Probable Closure Costs have been revised. Please see Response to Comment CR1.12. attached.

*CR1.13. Site Plan. Please relocate the dashed line for the "Baled Paper and Container Board Staging Area" so that it does not intersect with the stormwater inlet, or otherwise demonstrate that it will not negatively impact the performance of the stormwater management system.*

Response CR.1.13. The Site Plan has been revised to more accurately depict the baled paper area, showing that it is not over the inlet. Please see Response to Comment CR1.13. attached.

\* \* \* \* \*

We trust that these responses will allow approval of the subject permit renewal. If you have any questions, please do not hesitate to call.

Sincerely,

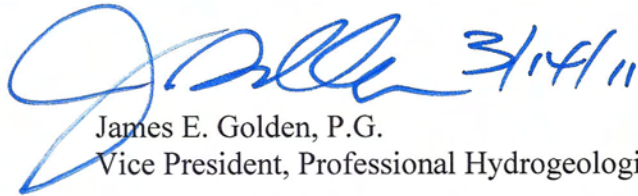
**HSA GOLDEN** ANDREW J. SCHIER, P.E.



# 58758

MAR 14 2011

Andrew J. Schier, P.E.  
Principal Engineer



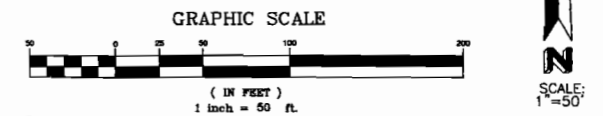
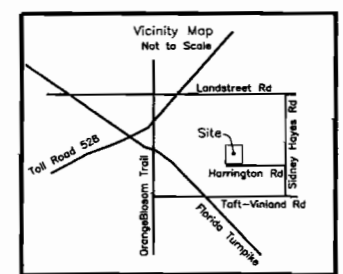
James E. Golden, P.G.  
Vice President, Professional Hydrogeologist

cc: F. Thomas Lubozynski, FDEP  
Arnaldo Mercado, OCEPD  
Mike Kaiser, WSI  
Dennis Pantano, WSI  
Wilson Esteves, TRI

Attachments



- Legend**
- denotes sign
  - denotes mitered end section
  - ⊙ denotes storm drain manhole
  - denotes storm catch basin
  - ⊕ denotes storm catch pole
  - ⊕ denotes guy wire
  - ⊕ denotes electric box
  - (M) denotes field measured distance
  - (P) denotes plot distance
  - RCP denotes reinforced concrete pipe
  - CPP denotes corrugated plastic pipe
  - CMP denotes corrugated metal pipe
  - ⊕ denotes recovered 4"x4" concrete monument
  - ⊕ denotes telephone riser
  - FE denotes floor elevation
  - ⊙ denotes set 5/8" iron rod and cap stamped "PSM 5205" unless otherwise noted
  - LB denotes licensed business
  - Inv denotes invert
  - x - denotes 6' chain link fence unless otherwise noted
  - ⊕ denotes mailbox
  - ⊕ denotes telephone riser
  - ⊕ denotes fence gate
  - E. denotes Elevation



**Description:**  
 Parcel 1:  
 Lot 41, Block H, PROSPER COLONY, located in Section 2, Township 24 South, Range 29 East, (less the West 40 feet taken by Orange County in O.R. Book 2128, Page 587). Together with that portion of vacated 7th Street (aka Harrington Street) abutting and lying between lot 41, Block H and the centerline of vacated 7th Street, according to the plat of PROSPER COLONY, as recorded in Plat Book D, Page 102, of the Public Records of Orange County, Florida.

and  
 Lots 42 and 43, Block H, less the East 100 feet of Lot 43, PROSPER COLONY, Section 2, Township 24 South, Range 29 East, according to the plat thereof as recorded in Plat Book D, Pages 100 through 106, Public Records of Orange County, Florida. Together with that portion of vacated 7th Street (aka Harrington Street) abutting and lying between lots 42 and 43, Block H, less the 100 feet of Lot 43, and the centerline of vacated 7th Street, according to the plat of PROSPER COLONY, as recorded in Plat Book D, page 102, of the Public Records of Orange County, Florida.

TOGETHER WITH non-exclusive easements for the benefit of the above described property as created by and set forth in that certain Cross Access Easement by and between Taft Pit, Inc., a Florida corporation and Taft Recycling, Inc., a Florida corporation, recorded in Official Records Book 9446, page 4558, of the public Records of Orange County, Florida.

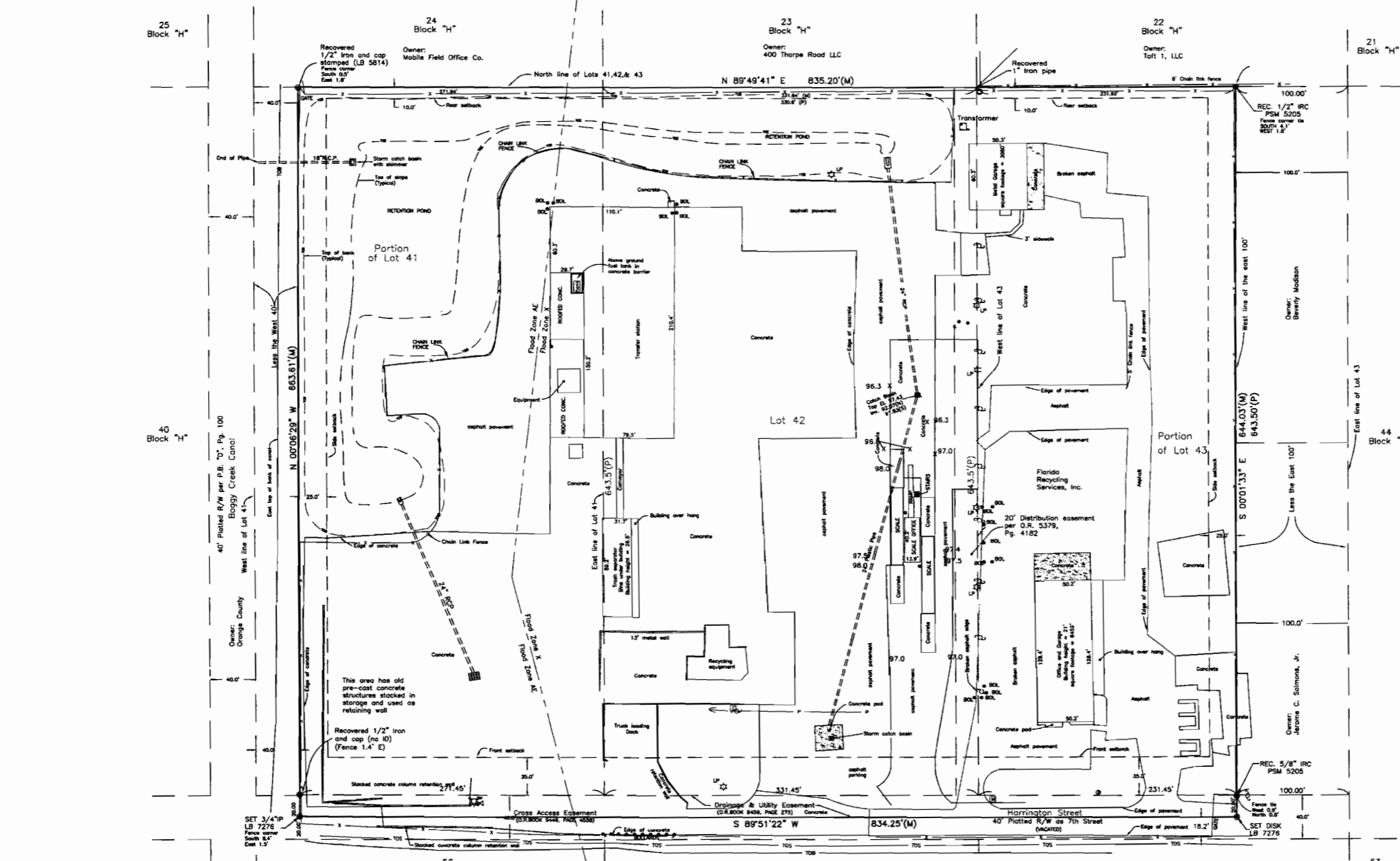
**SCHEDULE B—SECTION 2 TITLE COMMITMENT EXCEPTIONS:**

- ITEM 1: NOT A SURVEY MATTER
- ITEM 2: NOT A SURVEY MATTER
- ITEM 3: SURVEY PROVIDED
- ITEM 4: NOT A SURVEY MATTER
- ITEM 5: NOT A SURVEY MATTER
- ITEM 6: AFFECTS ENTIRE PROPERTY EXCEPT VACATED ROAD RIGHT-OF-WAY.
- ITEM 7: AFFECTS PROPERTY SHOWN HEREON
- ITEM 8: AFFECTS ENTIRE PROPERTY EXCEPT VACATED ROAD RIGHT-OF-WAY 10' WIDE EASEMENT LYING 5' EACH SIDE OF FLORIDA POWER FACILITIES (NOT PLOTTED)
- ITEM 9: AFFECTS ENTIRE PROPERTY.
- ITEM 10: AFFECTS PROPERTY SHOWN HEREON.
- ITEM 11: DRAINAGE EASEMENT OVER VACATED RIGHT-OF-WAY.

**SURVEYOR'S CERTIFICATION:**

The undersigned hereby certifies to TAFT RECYCLING, INC., BARCLAY BANK, P.L.C., as ADMINISTRATIVE AGENT, and RUDEN, MCCLOSKEY, SMITH, SCHUSTER & RUSSELL, P.A. AND LAWYERS TITLE INSURANCE CORPORATION together with the respective successors and/or assigns of the foregoing; that (s)he is a duly registered land surveyor of the State of Florida that the survey reflected by this plat was actually made upon the ground on NOVEMBER 13, 2008, that the attached plat of survey is made at least in accordance with the minimum standards established by the State of Florida, for surveyors and with the "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys" jointly established and adopted by ALTA and NSPS in 2005 and includes Items 2, 3 and 4 and shows the size and location of Items 6, 7(a), 7(b)(1), 7(b)(2), 7(c), 8-11, 14, 16 and 18 (reporting from a careful physical inspection of the Property, as hereinafter defined) of Table A thereof; that said survey correctly shows the location of all buildings, structures and other improvements situated on the 12.73 acre tract known as LOTS 41, 42 and 43 BLOCK "H" PROSPER COLONY, AS RECORDED IN PLAT BOOK D, PAGE 102 OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, shown thereon; that the Property is a separate tax lot; and that to the best of my knowledge, all utilities for the operation of the Property are available at the lot lines, enter said tract through adjoining public streets or easements and do not run through or under any buildings or improvements not located on the Property; that there are no known violations of zoning ordinances, restrictions or other rules or regulations with reference to the location of all buildings, structures and improvements situated on the Property and the number and configuration of parking spaces; that the record description of the Property forms a mathematically closed figure; and that, except as shown, there are no visible or recorded easements or rights of way across said Property, that there are no other easements or rights of way of which the undersigned has been advised; no encroachments onto adjoining premises, streets or alleys by any buildings, structures or other improvements, except as shown, and no encroachments onto said Property by buildings, structures or other improvements situated on adjoining premises; that said Property lies partially (as shown) within a flood hazard area; and that all roads, streets and highways shown therein are completed and dedicated public streets and have been accepted for public maintenance; that the Property has access to a dedicated public street or streets known as 7th STREET; that the undersigned has received and examined a copy of title commitment number 2642955 issued by the Title Company with respect to the Property and the location of any matter shown thereon, to the extent it can be located, has been shown on this survey with the appropriate recording reference, and pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that in my professional opinion, as a land surveyor registered in the State of Florida, the Relative Positional Accuracy of this survey does not exceed that which is specified therein.

Mark I. Luke, P.S.M.  
 Florida Registration # 5006  
 Date: DECEMBER 1, 2008



**SURVEY REPORT:**

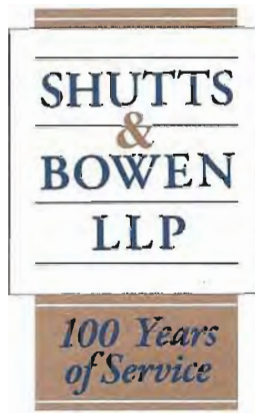
- The above described land lies within Section 2, Township 24 South, Range 29 East.
- This survey represents a survey made on the ground under the supervision of the signing surveyor, unless otherwise noted.
- This survey does not reflect or determine ownership.
- No title data has been provided to this surveyor unless otherwise noted.
- All easements of which the surveyor has knowledge of, or has had furnished to him, has been noted on the survey map.
- Underground improvements or underground foundations have not been located except as noted on survey map.
- According to the Federal Insurance Rate Map, this property lies in Zone(s) "X" (Area of 500 year flood; areas of 100 year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100 year flood) and a portion lies within zone "AE", (Special flood hazard area inundated by 100 year flood, base flood elevations determined) as shown on Map number 12095C0420 D, Dated: 12-8-2000.
- Bearings shown hereon are based on the North line of Lots 41-43, Block "H", having a bearing of N 89°49'41"E. (assumed).

<b>REVISIONS</b> Rev. _____ Date: _____ Rev. _____ Date: _____ Rev. _____ Date: _____		<b>ALTA/ACSM LAND TITLE SURVEY</b> OF <b>TAFT TRANSFER STATION</b> FOR <b>WASTE SERVICES, INC.</b>
THIS SURVEY MAP AND REPORT OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.		
Job No: E-5686 Field Date: 8/18/06 Drawn By: SJP Field By: MP Scale: 1"=50' Drawing File: ALTA/ACSM	 Mark I. Luke Professional Surveyor & Mapper Florida Registration #5006	 <b>HENRICH-LUKE &amp; SWAGGERTY, LLC</b> Surveyors & Mappers 250 Ronald Reagan Blvd. Suite 114 Longwood, FL 32750 (407) 647-7248 FAX (407) 647-8097 Licensed Business No. 7276

I:\Survey\LakeRoads\Projects\Prosper Colony - Taft Recycling\Draw\ALTA-ACSM SURVEY.dwg

FILE: 5307





JAMES F. JOHNSTON, ESQ.  
(407) 835-6795 Direct Telephone

E-MAIL ADDRESS:  
jjohnston@shutts.com

March 2, 2011

Orange County Environmental Protection Division  
800 Mercy Drive, Suite 4  
Orlando, Florida 32808

**Re: Title Opinion – Permit Renewal Application - Taft Recycling, Inc. (MRF and Transfer Station)  
375 West 7<sup>th</sup> Street, Taft, Orange County, FL  
Parcel ID: 02-24-29-7268-00-410  
Permit: SW-022429-MRF/TS-06-0605**

To Whom It May Concern:

Please be advised that I am an attorney at law licensed in Florida and have examined the Orange County Public Records with respect to the title to the property located at 375 West 7<sup>th</sup> Street in Orange County, Florida and identified by parcel ID# 02-24-29-7268-00-410 (the "Property"). The Property is more particularly described on **Exhibit "A"** attached hereto.

My examination of the recorded public records through February 24, 2011, at 8:00 a.m. reveals the following as of that date:

1. Record title holder to the Property is in the name of Taft Recycling, Inc., a Florida corporation, by virtue of that certain Warranty Deed recorded in Official Records Book 8590, Page 3564, Public Records of Orange County, Florida.
2. There are no unsatisfied mortgages or liens encumbering the Property.
3. Other matters:

ORLDOCS 12099491 1



- a. Restrictive Use Notice recorded in Official Records Book 3312, Page 653, Public Records of Orange County, Florida.
- b. Florida Power Corporation Distribution Easement recorded in Official Records Book 5379, Page 4182, Public Records of Orange County, Florida.
- c. Florida Power Corporation Distribution Easement recorded in Official Records Book 6346, Page 2369, Public Records of Orange County, Florida.
- d. Binding Utility Easement recorded in Official Records Book 9274, Page 2858, Public Records of Orange County, Florida.
- e. Cross Access Easement by and between Taft Pit, Inc. and Taft Recycling, Inc. recorded in Official Records Book 9446, Page 4558, Public Records of Orange County, Florida.
- f. Drainage and Utility Easement between Taft Recycling, Inc. and Orange County, Florida recorded in Official Records Book 9459, Page 275, Public Records of Orange County, Florida.

Sincerely,

SHUTTS & BOWEN LLP



James F. Johnston, Esq.  
Fla. Bar No. 0107263

cc: Mike Kaiser, Waste Services, Inc.

## EXHIBIT "A"

***Legal Description:***

Lot 41, Block H, PROSPER COLONY, located in Section 2, Township 24 South, Range 29 East (less the West 40 feet taken by Orange County, Florida, in O. R. Book 2128, PAge 687)

AND

Lots 42 and 43, Block H, less the East 100 feet of Lot 43, PROSPER COLONY, Section 2, Township 24 South, Range 29 East, according to the plat thereof as recorded in Plat Book D, Pages 100 through 106, Public Records of Orange County, Florida.

TOGETHER WITH: The north 20 feet of that certain 40 foot vacated strip of land contiguous to the subject lots (being Lots 41, 42 and 43, Block H of Prosper Colony, Plat Book D, Pages 100 through 106) as described and depicted in Certificate of Vacation #06-39 recorded September 28, 2007 in Book 9452 Page 3143.





**Taft Recycling, Inc. 375 W. 7<sup>th</sup> Street,  
Orlando, Fl. 32824**

## **2011 GATE RATES**

**\$57.00 PER TON - GARBAGE**

**\$53.00 PER TON - CLASS III**

**\$41.00 PER TON - C&D**

**\$41.00 PER TON - YARD WASTE**

**\$25.00 PER TON - WOOD**

**YOU MUST HAVE HARD HATS & SAFETY VESTS**



**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 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:	<u>Taft Transfer Station and Material Recovery Facility</u>	
5.	EPD permit number:	District number:	
	<u>SW-022429-MRF/T3-06/0605</u>	<u>4</u>	
6.	Facility location (main entrance):		
	<u>375 West 7th Street</u>		
	<u>Orlando, Florida 32824</u>		
7.	Location coordinates:		
	Section: <u>2</u>	Township: <u>24S</u>	Range: <u>29E</u>
	UTMs: Zone _____	_____ km E	_____ km N
	Latitude: <u>28</u> ° <u>25</u> ' <u>33</u> "	Longitude: <u>81</u> ° <u>22</u> ' <u>59</u> "	



June 10, 2010

**VIA UPS**

Ms. Debra Laisure, P.E.  
**Florida Department of Environmental Protection**  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803

Re: ERP/Stormwater Permit Extension ERP 48-0179138-001-SI  
**Taft Recycling Facility**  
375 West 7<sup>th</sup> Street, Orlando, Florida 32824  
HSA Golden Project Number 06-404.015

Dear Ms. Laisure:

On behalf of Taft Recycling, Inc., HSA Golden is submitting a signed and sealed Environmental Resource Biennial Permit Inspection Certification form for ERP 48-0179138-001-SI Specific Condition Number 7. We have stated that the system appears to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable). If you need any additional information or if you have any questions, please do not hesitate to call me at (407) 704-9891.

Sincerely,

**HSA GOLDEN**

*David L. Leggett*

David L. Leggett, P.E.  
Principal Engineer

Attachment

Copy: Mike Kaiser, Taft Recycling  
Wilson Estevez, Taft Recycling





## ENVIRONMENTAL RESOURCE PERMIT INSPECTION CERTIFICATION

Permit Number: ERP 48-0179138-001-SI

Project Name: Taft Recycling

Inspection Date(s): 06/09/2010

Inspection results: (check one)

I hereby certify that I or my designee under my direct supervision have inspected the system at the above referenced project and that the system appears to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable).

The following necessary maintenance was conducted:

I hereby certify that I or my designee under my direct supervision has inspected the system at the above referenced project and that the system does not appear to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable). I have informed the operation and maintenance entity of the following: (a) that the system does not appear to be functioning properly, (b) that maintenance is required to bring the system into compliance, and (c) if maintenance measures are not adequate to bring the system into compliance, the system may have to be replaced or an alternative design constructed subsequent to Department approval.

Name David L. Leggett, P.E.

David L. Leggett  
Signature of Professional Engineer

Company Name HSA Golden

Florida Registration Number 70882

Company Address 100 East Pine Street  
Suite 605

Date 06/09/2010

City, State, Zip Code Orlando, Fl 32801

Telephone Number 407-649-5475

(affix seal)

Within 30 days of completion of the inspection, submit two copies of the form to the following Department Office:

Department of Environmental Protection



**Will Jacobs**

**From:** Wilson Esteves [westeves@wasteservicesinc.com]

**Sent:** Tuesday, February 15, 2011 7:30 AM

**To:** Will Jacobs

**Cc:** Michael Kaiser

**Subject:** RE: Taft Recycling - Training Schedule

Good Morning Gentlemen;

Summary of the Operator Certification for Taft;

**Taft Recycling  
Operator Training**

**Wilson Esteves**

04/08/2003	04/08/2006	19 Hour Initial Training Course for Transfer Station Operators And MRF Operators
03/21/2003	03/21/2006	Health & Safety Issues for Solid Waste Management Facilities
02/26/2007	02/15/2010	16 Hour Initial Training Course for Transfer Station Operators And MRF Operators
02/26/2007	02/15/2010	8 Hr Training Course for Spotters at Landfills, C&D Sites and Transfer Stations Need to complete 8 Hrs between 02/16/2010 & 02/15/2013 to maintain Certification

**Anthony  
Santaniello**

11/19/2003	11/18/2006	19 Hour Initial Training Course for Transfer Station Operators And MRF Operators
11/19/2003	11/18/2006	Spotter Training for Solid Waste Facilities
11/19/2006	11/18/2009	The Sense of Smell, Odor, Theory and Oder Control
11/19/2006	11/18/2009	Fires at landfills and Other Solid Waste Management Facilities Need to complete 8 Hrs between 11/19/2009 & 11/18/2012 to maintain Certification

**Benjamin Morris**

07/26/2009	07/25/2012	19 Hour Initial Training Course for Transfer Station Operators And MRF Operators Need to complete 8 Hrs between 07/26/2009 &
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2/15/2011

07/25/2012 to maintain Certification

Brian Wiggand

07/01/2001	07/01/2003	24 Hour Initial Training Course for Landfill Operators (Class I,II, III and C&D Sites)	16
05/06/2004	05/05/2007	24 Hour Initial Training Course for Landfill Operators (Class I,II, III and C&D Sites)	Initial
05/06/2004	05/05/2007	16 Hour Initial Training Course for Transfer Station	10
04/23/2007	05/05/1010	Hazardous Materials Chemistry for the Non-Chemist	8

Need to complete 16 Hrs to Reinstate Certification

Employees scheduled for training in the month of March 2011

Bruce Burke	19 Hour Initial Training Course for Transfer Station Operators And MRF Operators
Danny Ward	19 Hour Initial Training Course for Transfer Station Operators And MRF Operators
Valentin Cardona	19 Hour Initial Training Course for Transfer Station Operators And MRF Operators
Brian Wiggand	19 Hour Initial Training Course for Transfer Station Operators And MRF Operators

Regards,

*Wilson Esteves*

**General Manager**  
Taft Recycling, Inc.  
375 W. 7th St.  
Orlando, FL 32824  
407-851-0074

*You may never know the life you save by your safety practices,  
but you will never forget the one you take by carelessness....*

**From:** Will Jacobs [mailto:wjacobs@hsagolden.com]  
**Sent:** Tuesday, January 25, 2011 11:39 AM  
**To:** Wilson Esteves  
**Subject:** RE: Taft Recycling - Training Schedule

2/15/2011


Thanks Wilson. Have a good day!

William Jacobs  
Project Manager  
407.649.6777 (direct)

## hsagolden

engineering | environmental solutions

100 East Pine Street  
Suite 605  
Orlando, FL 32801  
407.649.5475 (p)  
407.649.6582 (f)  
[www.hsagolden.com](http://www.hsagolden.com)

 Be kind to our trees, print this e-mail only if it's necessary

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**From:** Wilson Esteves [mailto:westeves@wasteservicesinc.com]  
**Sent:** Monday, January 24, 2011 2:01 PM  
**To:** Will Jacobs  
**Subject:** RE: Taft Recycling - Training Schedule

Good Afternoon Will;

Attached are the copies of the operator certifications. I will be certifying other employees by the end of February and will send the copies of their certification as well.

Regards,

*Wilson Esteves*

**General Manager**  
Taft Recycling, Inc.  
375 W. 7th St.  
Orlando, FL 32824  
407-851-0074

---

**From:** Will Jacobs [mailto:wjacobs@hsagolden.com]  
**Sent:** Monday, January 24, 2011 1:16 PM  
**To:** Wilson Esteves  
**Subject:** Taft Recycling - Training Schedule

Wilson,

I'm just following up with you on my e-mail from a week ago, see below. Let me know if you have any questions. Thanks


2/15/2011

William Jacobs  
Project Manager  
407.649.6777 (direct)

## hsagolden

engineering | environmental solutions

100 East Pine Street  
Suite 605  
Orlando, FL 32801  
407.649.5475 (p)  
407.649.6582 (f)  
[www.hsaqolden.com](http://www.hsaqolden.com)

 Be kind to our trees, print this e-mail only if it's necessary

**From:** Will Jacobs  
**Sent:** Monday, January 17, 2011 4:36 PM  
**To:** 'Wilson Esteves'  
**Subject:** Taft Recycling - Training Schedule

Wilson,

We received the following comment on our solid waste permit renewal for Taft Recycling:

*b) Page 4, Section 2.4 states that copies of current training certificates, schedules, and list of approved classes are provided in Appendix C. Provide a schedule for training of individual employees, including the employee's name and title, the date when training is due, and what class the employee will attend to meet the requirements of Rule 62-701.320 (15)(a), F.A.C., as referenced in Rule 62-701.710(4)(c), F.A.C. Incorporate this schedule in the Operation Plan.*


I have the list of classes each employee has taken in the past; can you provide me with a training schedule for each employee, when training is due, and what class they will attend? Thanks

William Jacobs  
Project Manager  
407.649.6777 (direct)

## hsagolden

engineering | environmental solutions

100 East Pine Street  
Suite 605  
Orlando, FL 32801  
407.649.5475 (p)  
407.649.6582 (f)  
[www.hsaqolden.com](http://www.hsaqolden.com)

 Be kind to our trees, print this e-mail only if it's necessary

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2/15/2011

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**Will Jacobs**

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**From:** Wilson Esteves [westeves@wasteservicesinc.com]  
**Sent:** Monday, January 24, 2011 2:01 PM  
**To:** Will Jacobs  
**Subject:** RE: Taft Recycling - Training Schedule  
**Attachments:** Operator Certifications 2010.pdf

Good Afternoon Will;

Attached are the copies of the operator certifications. I will be certifying other employees by the end of February and will send the copies of their certification as well.

Regards,

*Wilson Esteves*

**General Manager**  
Taft Recycling, Inc.  
375 W. 7th St.  
Orlando, FL 32824  
407-851-0074

---



## Florida DEP Solid Waste Management Facility Operator Courses

Santaniello, Tony  
 Operator  
 Waste Services, Inc  
 1501 Omni Way  
 Saint Cloud, FL 34773

### Material Recovery Facility Operator

Status: Current

- Initial Date: 11/19/2003
- Current Period: 11/19/2009 - 11/18/2012    Hours Required: 8    Hours Needed: 8

Period: **Prior Courses**  
 No courses taken.

Period: **11/19/2003 - 11/18/2006 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
225	19-Hour Initial Training Course for Transfer Station Operators and MRF Operators	Kohl Consulting, Inc.	11/19/2003	Initial
248	Spotter Training for Solid Waste Facilities	University of Florida - TREEO	10/25/2006	8
<b>Total:</b>				8
<b>Hours Needed:</b>				0

Period: **11/19/2006 - 11/18/2009**

Course	Course Name	Provider	Completion Date	Hours
406	The Sense of Smell, Odor, Theory and Odor Control	Kohl Consulting, Inc.	06/30/2009	4
484	Fires at Landfills and Other Solid Waste Management Facilities	Kohl Consulting, Inc.	06/30/2009	4
<b>Total:</b>				8
<b>Hours Needed:</b>				0

Period: **11/19/2009 - 11/18/2012**  
 No courses taken. Hours Needed: 8

Status: Current

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- **Expired:** If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
- If you have any questions, please contact [djenkins@treeo.ufl.edu](mailto:djenkins@treeo.ufl.edu) or [mkeilhauer@treeo.ufl.edu](mailto:mkeilhauer@treeo.ufl.edu) or call (352) 392-9570 extensions 227 or 230.

## Florida DEP Solid Waste Management Facility Operator Courses

Santaniello, Tony  
 Operator  
 Waste Services, Inc  
 1501 Omni Way  
 Saint Cloud, FL 34773

### Spotter / Waste Screener

Status: **Current**

- Initial Date: 10/25/2006
- Current Period: 10/25/2009 - 10/24/2012    Hours Required: 4    Hours Needed: 4

Period: **Prior Courses**

Course	Course Name	Provider	Completion Date	Hours
225	19-Hour Initial Training Course for Transfer Station Operators and MRF Operators	Kohl Consulting, Inc.	11/19/2003	4
<b>Total:</b>				<b>Prior</b>
<b>Hours Needed:</b>				

Period: **10/25/2006 - 10/24/2009 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
248	Spotter Training for Solid Waste Facilities	University of Florida - TREEO	10/25/2006	Initial
406	The Sense of Smell, Odor, Theory and Odor Control	Kohl Consulting, Inc.	06/30/2009	2
484	Fires at Landfills and Other Solid Waste Management Facilities	Kohl Consulting, Inc.	06/30/2009	4
<b>Total:</b>				<b>6</b>
<b>Hours Needed:</b>				<b>0</b>

Period: **10/25/2009 - 10/24/2012**  
 No courses taken. Hours Needed: 4

Status: **Current**

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- Expired: If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course, only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
- If you have any questions, please contact [djenkins@treeo.ufl.edu](mailto:djenkins@treeo.ufl.edu) or [mkeilhauer@treeo.ufl.edu](mailto:mkeilhauer@treeo.ufl.edu) or call (352) 392-9570 extensions 227 or 230.

## Florida DEP Solid Waste Management Facility Operator Courses

Santaniello, Tony  
 Operator  
 Waste Services, Inc  
 1501 Omni Way  
 Saint Cloud, FL 34773

### Transfer Station Operator

Status: **Current**

- Initial Date: 11/19/2003
- Current Period: 11/19/2009 - 11/18/2012    Hours Required: 8    Hours Needed: 8

Period: **Prior Courses**

*No courses taken.*

Period: **11/19/2003 - 11/18/2006 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
225	19-Hour Initial Training Course for Transfer Station Operators and MRF Operators	Kohl Consulting, Inc.	11/19/2003	Initial
248	Spotter Training for Solid Waste Facilities	University of Florida - TREEO	10/25/2006	8
<b>Total:</b>				8
<b>Hours Needed:</b>				0

Period: **11/19/2006 - 11/18/2009**

Course	Course Name	Provider	Completion Date	Hours
406	The Sense of Smell, Odor, Theory and Odor Control	Kohl Consulting, Inc.	06/30/2009	4
484	Fires at Landfills and Other Solid Waste Management Facilities	Kohl Consulting, Inc.	06/30/2009	4
<b>Total:</b>				8
<b>Hours Needed:</b>				0

Period: **11/19/2009 - 11/18/2012**

*No courses taken.* Hours Needed: 8

Status: **Current**

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- **Expired:** If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
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- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
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## Florida DEP Solid Waste Management Facility Operator Courses

Esteves, Wilson  
 Facility Manager  
 Waste Services, Inc.  
 1099 Miller Dr  
 Altamonte Springs, FL 32701

Phone: (407) 448-9363

### Material Recovery Facility Operator

Status: **Current**

- Initial Date: 02/16/2007
- Current Period: 02/16/2010 - 02/15/2013    Hours Required: 8    Hours Needed: 8

**Period: Prior Courses**

Course	Course Name	Provider	Completion Date	Hours
170	Health & Safety Issues for Solid Waste Management Facilities	Kohl Consulting, Inc.	03/21/2003	8
225	19-Hour Initial Training Course for Transfer Station Operators and MRF Operators	Kohl Consulting, Inc.	04/08/2003	8
<b>Total:</b>				Prior
<b>Hours Needed:</b>				

**Period: 02/16/2007 - 02/15/2010 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
443	Initial Training Course for Transfer Station Operators and Material Recovery Facilities - 16 Hour	University of Florida - TREEO	02/16/2007	Initial
462	8-Hour Training Course for Spotters at Landfills, C&D Sites and Transfer Stations	University of Florida - TREEO	02/08/2010	8
<b>Total:</b>				8
<b>Hours Needed:</b>				0

**Period: 02/16/2010 - 02/15/2013**

*No courses taken.* Hours Needed: 8

Status: **Current**

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- **Expired:** If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
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## Florida DEP Solid Waste Management Facility Operator Courses

Esteves, Wilson  
 Facility Manager  
 Waste Services, Inc.  
 1099 Miller Dr  
 Altamonte Springs, FL 32701

Phone: (407) 448-9363

### Spotter / Waste Screener

Status: **Current**

- Initial Date: 02/08/2010
- Current Period: 02/08/2010 - 02/07/2013 - (Initial Period)    Hours Required: 4    Hours Needed: 4

#### Period: **Prior Courses**

Course	Course Name	Provider	Completion Date	Hours
170	Health & Safety Issues for Solid Waste Management Facilities	Kohl Consulting, Inc.	03/21/2003	4
225	19-Hour Initial Training Course for Transfer Station Operators and MRF Operators	Kohl Consulting, Inc.	04/08/2003	4
443	Initial Training Course for Transfer Station Operators and Material Recovery Facilities - 16 Hour	University of Florida - TREEO	02/16/2007	4
<b>Total:</b>				<b>Prior Hours Needed:</b>

#### Period: **02/08/2010 - 02/07/2013 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
462	8-Hour Training Course for Spotters at Landfills, C&D Sites and Transfer Stations	University of Florida - TREEO	02/08/2010	Initial
<b>Total:</b>				<b>0</b>
<b>Hours Needed:</b>				<b>4</b>

Status: **Current**

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- **Expired:** If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
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## Florida DEP Solid Waste Management Facility Operator Courses

Esteves, Wilson  
 Facility Manager  
 Waste Services, Inc.  
 1099 Miller Dr  
 Altamonte Springs, FL 32701

Phone: (407) 448-9363

### Transfer Station Operator

Status: Current

- Initial Date: 02/16/2007
- Current Period: 02/16/2010 - 02/15/2013    Hours Required: 8    Hours Needed: 8

Period: **Prior Courses**

Course	Course Name	Provider	Completion Date	Hours
170	Health & Safety Issues for Solid Waste Management Facilities	Kohl Consulting, Inc.	03/21/2003	8
225	19-Hour Initial Training Course for Transfer Station Operators and MRF Operators	Kohl Consulting, Inc.	04/08/2003	8
<b>Total:</b>				Prior
<b>Hours Needed:</b>				

Period: **02/16/2007 - 02/15/2010 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
443	Initial Training Course for Transfer Station Operators and Material Recovery Facilities - 16 Hour	University of Florida - TREEO	02/16/2007	Initial
462	8-Hour Training Course for Spotters at Landfills, C&D Sites and Transfer Stations	University of Florida - TREEO	02/08/2010	8
<b>Total:</b>				8
<b>Hours Needed:</b>				0

Period: **02/16/2010 - 02/15/2013**  
 No courses taken. Hours Needed: 8

Status: Current

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- **Expired:** If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
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## Florida DEP Solid Waste Management Facility Operator Courses

Morris, Benjamin  
 Waste Services, Inc  
 1099 Miller ave  
 ALTAMONTE SPRINGS, FL 32701

### Material Recovery Facility Operator

Status: **Current**

- Initial Date: 07/26/2009
- Current Period: 07/26/2009 - 07/25/2012 - (Initial Period)    Hours Required: 8    Hours Needed: 8

Period: **Prior Courses**  
*No courses taken.*

Period: **07/26/2009 - 07/25/2012 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
225	19-Hour Initial Training Course for Transfer Station Operators and MRF Operators	Kohl Consulting, Inc.	07/26/2009	Initial
<b>Total:</b>				0
<b>Hours Needed:</b>				8

Status: **Current**

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- Expired:** If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
- If you have any questions, please contact [djenkins@treeo.ufl.edu](mailto:djenkins@treeo.ufl.edu) or [mkeilhauer@treeo.ufl.edu](mailto:mkeilhauer@treeo.ufl.edu) or call (352) 392-9570 extensions 227 or 230.

### Florida DEP Solid Waste Management Facility Operator Courses

Morris, Benjamin  
Waste Services, Inc  
1099 Miller ave  
ALTAMONTE SPRINGS, FL 32701

#### Transfer Station Operator

Status: Current

- Initial Date: 07/26/2009
- Current Period: 07/26/2009 - 07/25/2012 - (Initial Period)    Hours Required: 8    Hours Needed: 8

Period: **Prior Courses**  
*No courses taken.*

Period: **07/26/2009 - 07/25/2012 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
225	19-Hour Initial Training Course for Transfer Station Operators and MRF Operators	Kohl Consulting, Inc.	07/26/2009	Initial
<b>Total:</b>				0
<b>Hours Needed:</b>				8

Status: Current

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- Expired: If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
- If you have any questions, please contact [djenkins@treeo.ufl.edu](mailto:djenkins@treeo.ufl.edu) or [mkeilhauer@treeo.ufl.edu](mailto:mkeilhauer@treeo.ufl.edu) or call (352) 392-9570 extensions 227 or 230.



## Florida DEP Solid Waste Management Facility Operator Courses

Wiggand, Brian  
 Senior Operator  
 Waste Management - Apopka  
 4986 LB McLeod Rd  
 Orlando, FL 32811

Phone: (407) 481-2530

### Transfer Station Operator

Status: Expired

- Initial Date: 05/06/2004
- Current Period: 05/06/2010 - 05/05/2013    Hours Required: 8    Hours Needed: 8

**Period: Prior Courses**

*No courses taken.*

**Period: 05/06/2004 - 05/05/2007 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
196	16-Hour Initial Training Course for Transfer Station Operators	Kohl Consulting, Inc.	05/06/2004	Initial
286	Hazardous Materials Chemistry for the Non-Chemist	University of Florida - TREEO	04/23/2007	8
<b>Total:</b>				8
<b>Hours Needed:</b>				0

**Period: 05/06/2007 - 05/05/2010**

*No courses taken.* Hours Needed: 8

**Period: 05/06/2010 - 05/05/2013**

*No courses taken.* Hours Needed: 8

Status: Expired

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- **Expired:** If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
- If you have any questions, please contact [djenkins@treeo.ufl.edu](mailto:djenkins@treeo.ufl.edu) or [mkeilhauer@treeo.ufl.edu](mailto:mkeilhauer@treeo.ufl.edu) or call (352) 392-9570 extensions 227 or 230.

## Florida DEP Solid Waste Management Facility Operator Courses

Wiggand, Brian  
 Senior Operator  
 Waste Management - Apopka  
 4986 LB McLeod Rd  
 Orlando, FL 32811

Phone: (407) 481-2530

### Construction and Demolition Debris Landfill Operator

Status: Expired

- Initial Date: 05/06/2004
- Current Period: 05/06/2010 - 05/05/2013 Hours Required: 16 Hours Needed: 16

**Period: Prior Courses**

Course	Course Name	Provider	Completion Date	Hours
195	24-Hour Initial Training Course for Landfill Operators (Class I, II, III and C&D Sites)	Kohl Consulting, Inc	07/01/2001	16
<b>Total:</b>				Prior
<b>Hours Needed:</b>				

**Period: 05/06/2004 - 05/05/2007 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
195	24-Hour Initial Training Course for Landfill Operators (Class I, II, III and C&D Sites)	Kohl Consulting, Inc.	05/06/2004	Initial
196	16-Hour Initial Training Course for Transfer Station Operators	Kohl Consulting, Inc	05/06/2004	10
286	Hazardous Materials Chemistry for the Non-Chemist	University of Florida - TREEO	04/23/2007	8
<b>Total:</b>				18
<b>Hours Needed:</b>				0

Period: 05/06/2007 - 05/05/2010  
 No courses taken. Hours Needed: 16

Period: 05/06/2010 - 05/05/2013  
 No courses taken. Hours Needed: 16

Status: Expired

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- Expired: If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
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## Florida DEP Solid Waste Management Facility Operator Courses

Wiggand, Brian  
 Senior Operator  
 Waste Management - Apopka  
 4986 LB McLeod Rd  
 Orlando, FL 32811

Phone: (407) 481-2530

### Class I, III Landfill Operator

Status: Expired

- Initial Date: 05/06/2004
- Current Period: 05/06/2010 - 05/05/2013    Hours Required: 16    Hours Needed: 16

**Period: Prior Courses**

Course	Course Name	Provider	Completion Date	Hours
195	24-Hour Initial Training Course for Landfill Operators (Class I, II, III and C&D Sites)	Kohl Consulting, Inc.	07/01/2001	16
<b>Total:</b>				Prior
<b>Hours Needed:</b>				

**Period: 05/06/2004 - 05/05/2007 - (Initial Period)**

Course	Course Name	Provider	Completion Date	Hours
195	24-Hour Initial Training Course for Landfill Operators (Class I, II, III and C&D Sites)	Kohl Consulting, Inc.	05/06/2004	Initial
196	16-Hour Initial Training Course for Transfer Station Operators	Kohl Consulting, Inc.	05/06/2004	10
286	Hazardous Materials Chemistry for the Non-Chemist	University of Florida - TREEO	04/23/2007	8
<b>Total:</b>				18
<b>Hours Needed:</b>				0

Period: 05/06/2007 - 05/05/2010  
 No courses taken. Hours Needed: 16

Period: 05/06/2010 - 05/05/2013  
 No courses taken. Hours Needed: 16

Status: Expired

- Continuing Education (CE) Minimum 3 Year Requirements:
  - 16 hours Class I II III Landfill / Construction and Demolition Debris
  - 8 hours Transfer Station / Material Recovery Facility
  - 4 hours Spotter
- Expired: If you have exceeded the 3 year training period without achieving the minimum continuing education, you must start over by taking an approved initial course and pass exam. There is not a grace period.
- Initial hours are not counted toward continuing education.
- An Initial course can be taken as a continuing education course only if it was not taken as the operator's or spotter's initial training. No CE credit will be given for the same course taken within the same 3-year period.
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- Removal from the site of putrescible or other rejected waste that could cause odor problems within 48 hours;
- Cleaning of the MSW tipping floor daily;
- Active management of recycled materials;
- Use of odor masking agents will be applied by misters at all facility building openings and roof.
- Wall mounted, three horsepower, ventilation fans are to be installed in the existing facility building to insure interior ventilation.

## 2.11 Dust

The following steps will be taken to minimize fugitive dust emissions at the facility:

- The Taft facility will comply with Orange County Code Section 38-1452 that prohibits dust levels in excess of code limits. Fugitive dust emission will not be allowed off-site from transport, loading, unloading, or processing operations. All primary roadways and loading areas are to be paved.
- Sprinkling unpaved roadways, stockpile areas, and processing areas with water as necessary.

## 2.12 Litter

The site will be inspected daily for litter. Litter will not be allowed to accumulate and will be picked up daily (or as often as necessary) and put into appropriate containers for proper disposal. Litter fencing will be constructed to control blowing litter around the material storage areas and building (wherever feasible). TRI will collect litter weekly along West 7<sup>th</sup> Street access road (east from the facility to Sidney Hayes Road); Sidney Hayes Road (between West 7<sup>th</sup> Street and Palmetto Street); Fourth Street (between Sidney Hayes Road and Boyce Avenue); Boggy Creek Canal Access Road (adjacent to property); and Recycle Center Road, if authorized by owners. Screen cages are proposed to be added to conveyor transfer points. The wood mulch storage area will be inspected daily to ensure that mulch product is maintained within designated areas of the property.

## 2.13 Vector Control

The following steps will be taken to minimize vectors at the site:

- Unacceptable wastes will not be accepted at the recycling facility;
- Rejected wastes will be promptly removed and disposed of at an appropriate disposal facility. Rejected waste will be removed within one week;
- Class I waste will be disposed off-site within 48 hours;



All of the equipment on the site will be owned by TRI. Details on the loaders, excavator, compactor, tub grinder (chipper), and tire shredder are provided in Appendix G.

Where appropriate, equipment will be fitted with safety cabs, fire extinguishers, and radio communication equipment. The radio equipment will also be stationed in the administrative offices located on-site, along with telephone service.

The on-site administrative offices will include potable water, sanitary facilities, emergency first aid supplies, telephone, fax, and electricity. The building also will provide shelter for employees during inclement weather conditions.

Maintenance to the equipment will be performed by TRI Mechanics or an off-site mobile contractor. General maintenance for heavy equipment will be performed in the maintenance area. Major overhauls of equipment will be performed off-site.

## **2.17 Notice of Violation**

The Facility Manager will provide immediate notice to the Regional Manager, in the event TRI is notified by federal, state or local governmental agencies or officials regarding violations of any permits or approvals held by TRI relating to the operation and use of this facility. The Regional Manager will respond appropriately to the various agencies, and immediately correct the non-compliance item.

## **3.0 CLASS I AND III OPERATIONS**

### **3.1 Purpose**

The facility processes the incoming material to remove that portion of the waste that has an end-use market. Residuals from the recycling facility are disposed of at appropriate disposal facilities.

### **3.2 Start Up and Shut Down Procedures**

Start-up procedures will consist of the Facilities Manager inspecting the processing and storage areas for safety purposes. Equipment will be turned on and allowed to warm up if necessary. Storage bins will be inspected to verify ample storage capacity for the day's activities. In the event that the storage capacity is inadequate, additional sorting will cease until the existing stored materials have been removed for resale.

The facility plans to clear the tipping floor of Class I wastes each day, to the extent possible. However, the facility anticipates receipt of Class I waste from evening pick-up routes and therefore may have Class I waste on the tipping floor at any given time. Under no circumstances will any Class I wastes remain on the tipping floor for more than 48 hours. Odor control, such as odor masking agents will be used if deemed necessary. Any unprocessed Class III material will





be left on the tipping floor for next day's processing. The processed material will be contained within the confines of the designated storage bins.

### 3.3 Sorting Operations

Class I waste will only be accepted in the tipping area designated for Class I wastes. Class III and C&D wastes will be accepted only in the designated bays in the facility building, see Figure 3. Care will be taken not to commingle wastes. If wastes are mixed, the waste must be disposed of as the highest category of wastes, i.e., Class III mixed with Class I, will be disposed of at a Class I landfill.

Within the Class III processing area, an excavator and front-end loaders equipped with buckets or clamps will place the material into a sorting machine. Personnel will be available to hand sort the materials once the machine has removed the fines and reduced the material size. Sorted material will be placed in appropriate bins for recycling or transport vehicles for disposal off-site. Bins will be used in the sorting process (glass, paper, plastic, metal, wood, concrete, cardboard, and RSM ([fines])). RSM will be sampled in accordance with the FDEP's guidelines for reuse, or disposed of at a Class I landfill. It will be kept in a covered bin, as shown on the Site Plan.

Personnel will operate on an eight to 10 hour shift with a lunch break in between and will be on the tipping floor at all times when waste is received or processed.

### 3.4 Leachate Collection and Disposal

The Class I tipping floor of the building has a minimum 6-inch impervious concrete floor and leachate collection system and will be washed cleaned at least daily, or as necessary and washed at least weekly. The leachate collection clean-out covers will be opened during washing. Water shall be directed into the building from the open wall area (east side) to ensure that none of the water leaves the building. Leachate will be collected from this area and the transfer truck scale tunnel through drains and will be discharged to a lift station and storage tank. The trench drains or catch basins will be cleaned daily to prevent clogging. The Class III concrete tipping floor is enclosed within a 150-foot by 75-foot portion of the building. No water will be involved in the processing of the material. Leachate collection is proposed in this area to collect any stormwater that may enter due to the open door on the east side and liquids that may leak from the vehicles. To keep this area clean and free of excess debris, all open floor areas in this portion of the building will be swept weekly. The leachate storage tank will have a high level alarm and will be pumped out by a permitted industrial waste hauler, as needed. Leachate is presently transported to the JED Solid Waste Management Facility located in St. Cloud, Florida, and managed in their permitted liquid waste solidification operations. Leachate disposal may occur at other state permitted wastewater disposal and treatment facilities located in the central Florida area.

Manifests of all waste leachate removals will be maintained by TRI.

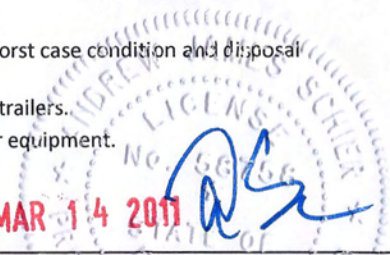


**TABLE 1**  
**OPINION OF PROBABLE CLOSURE COSTS**  
**TAFT TRANSFER STATION AND MATERIAL RECOVERY FACILITY**  
**TAFT RECYCLING, INC.**  
**ORLANDO, FLORIDA**

	Recovered Material and Unprocessed Material Stored	Maximum Storage (tons)	Handling and Loading Costs (\$/ton)	Transportation Costs (\$/ton)	Disposal Costs (\$/ton)	Total Loading, Transportation and Disposal (\$/ton)	Total All Costs (\$)
1	Unprocessed Class III	500	\$2.50 (5)	\$6.00	\$24.00	\$32.50	\$16,250.00
2	Unprocessed Class I Putrescible	1500	\$2.50 (5)	\$6.00	\$35.10	\$43.60	\$65,400.00
3	Recovered Asphalt/Concrete	80	\$0.00 (2)	\$6.00	\$24.00 (3)	\$30.00	\$2,400.00
4	Recovered Roofing Tiles	20	\$0.00 (2)	\$6.00	\$24.00 (3)	\$30.00	\$600.00
5	Recovered Cardboard (Baled)	1482	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$48,165.00
5a	Recovered Cardboard (Loose)	200	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$6,500.00
6	Recovered Paper (Baled)	37.5	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$1,218.75
7	Recovered Metal (Ferrous, Steel, Pipe)	40	\$0.00 (2)	\$6.00	\$24.00 (3)	\$30.00	\$1,200.00
8	Metal (Aluminum Cans)	1.5	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$48.75
9	Glass (Whole Bottles)	18	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$585.00
10	Plastic (Mixed Loose)	1.4	\$2.50 (5)	\$6.00	\$24.00 (3)	\$32.50	\$45.50
11	Wood	274	\$2.50 (5)	\$6.00	\$24.00	\$32.50	\$8,905.00
12	Whole Tires	67.5	\$2.50 (4)	\$0.00(4)	\$50.00 (4)	\$52.50	\$3,543.75
13	Processed Shredded Tires	67.5	\$0.00 (2)	\$6.00	\$35.10	\$41.10	\$2,774.25
14	Processed Tire Residuals	10	\$0.00 (2)	\$6.00	\$35.10	\$41.10	\$411.00
15	Recycling Residuals	50	\$0.00 (2)	\$6.00	\$35.10	\$41.10	\$2,055.00
16	Washdown/Cleanup/6 month maintenance					LS	\$4,500.00
17	Waste Oil/House Hold Haz. Waste	55 Gallon Drum	\$100.00	\$100.00	\$300.00	\$500.00	\$500.00
18	Misc. Sampling and Analysis					LS	\$1,000.00
19	Sub Total						<b>\$166,102.00</b>
20	Contingency (15%)						\$24,915.30
21	Total						<b>\$191,017.30</b>

**Notes:**

- Maximum storage volumes taken from table of Material Disposition, Appendix B, Operation Plan.
- There are no loading costs for these materials. Materials are stored in roll-off containers and would not require loading.
- Although processed/baled cardboard, paper, steel, aluminum cans, glass, plastic and concrete have commodity value, assumed worst case condition and disposal at Class III rates.
- Whole waste tire disposal rate includes transportation by RMD Americas of Florida, LLC. Loading costs to transfer/load onto their trailers.
- Unprocessed Class I, III, and C&D materials, and loose glass, plastic and wood loaded onto transfer trailers using rubber tire loader equipment.
- Class III wastes include C&D debris.
- Item 16 - 6 months closure period maintenance at \$500/month

  
**MAR 14 2011**

Andrew J. Schier, P.E., FL PE #58758  
HSA Golden, Inc., FBPE #9915

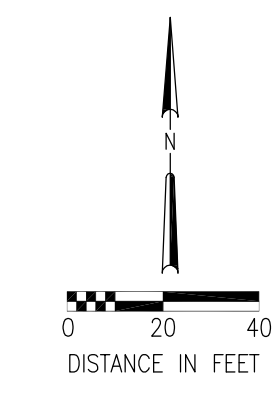
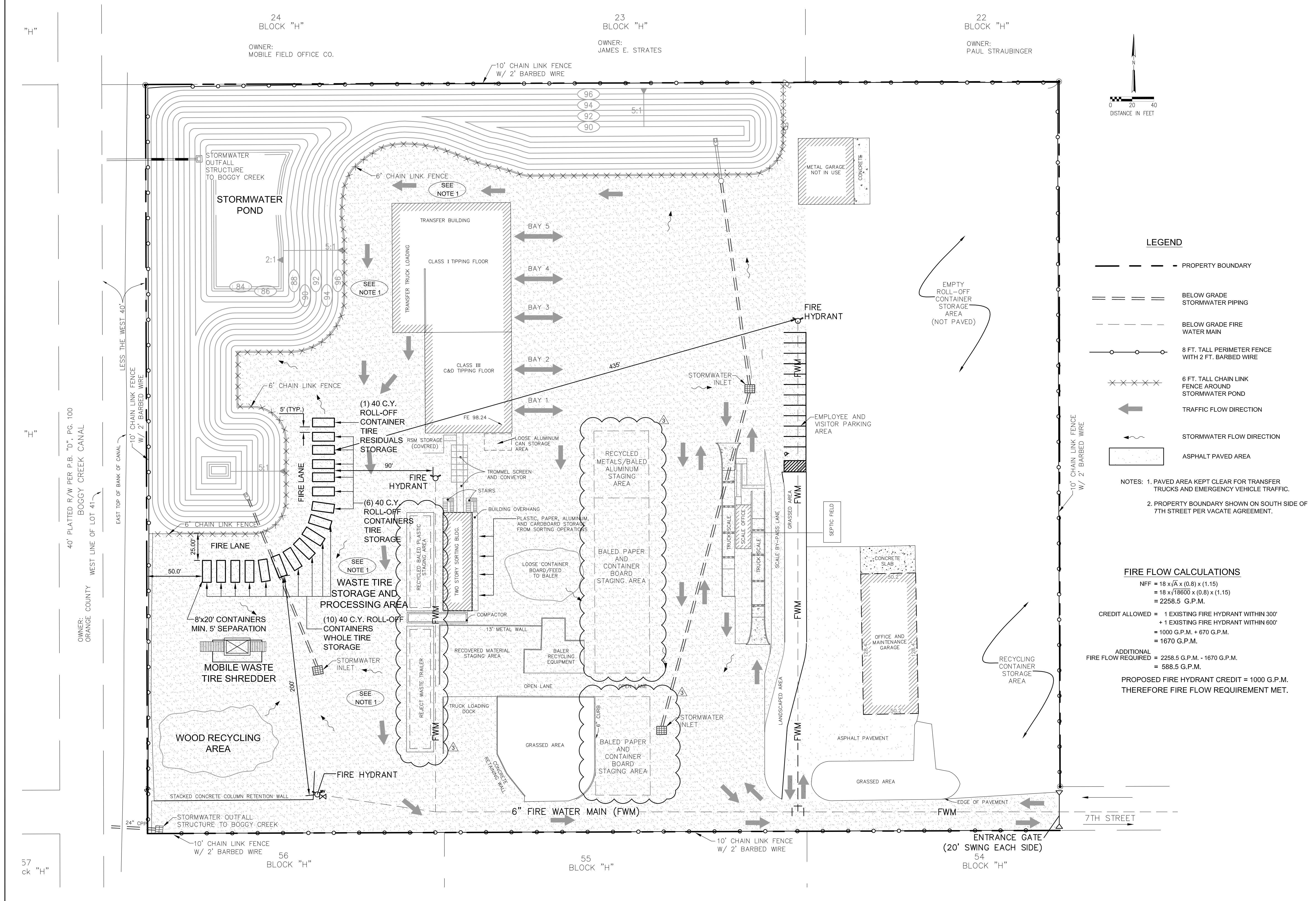
Revised March 2011 December 2010

**Materials Disposition  
Taft Recycling, Inc.  
Class I and Class III Waste Processing Facility and Transfer Station**

<b>Recovered Material or Unprocessed Waste Type</b>	<b>Maximum Storage Volume</b>	<b>Density (lbs/cy)</b>	<b>Covered or Uncovered</b>	<b>Method of Storage</b>	<b>Disposal / Recycling Location</b>	<b>Maximum Hold Time</b>
Unprocessed Class III	2,000cy	500	Covered	Tipping Floor	Class III Landfill	1 Week
Unprocessed Class I Putrescible	6,421 cy	450	Covered	Tipping Floor	Class I Landfill	48 Hours
Recovered Asphalt/Concrete	40 cy	4,000	Uncovered	Outside Roll-off Container	Re-Sale Public	6 Months
Recovered Roofing Tiles	20 cy	2,000	Uncovered	Outside Roll-off Container	Re-Sale Public	6 Months
Recovered Cardboard (Baled)	<del>1,500</del> 4,559cy	650	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
Recovered Cardboard (Loose)	1,333 cy	300	Uncovered	Near Loading Hopper at Baler	Re-Sale Public	48 Hours
Recovered Paper (Baled)	100 cy	750	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
Recovered Metal (Ferrous, Steel, Pipe & Misc.)	80 cy	1,000	Uncovered	Outside Roll-off Container	Re-Sale Public	6 Months
Recovered Metal (Aluminum Cans)	40 cy	75	Uncovered	Outside Roll-off/Sorting Bay	Re-Sale Public	6 Months
Glass (Whole Bottles)	60 cy	600	Uncovered	Outside Roll-off/Sorting Bay	Re-Sale Public	6 Months
Plastic (Mixed Loose)	80 cy	35	Uncovered	Outside Roll-off/Sorting Bay	Re-Sale Public	6 Months
Wood	1,500 cy	365	Uncovered	Outside Storage Yard	Re-Sale Public	6 Months
Whole Tires	400 cy	337	Uncovered	Outside Roll-off Container	Processing Facility	1 Year
Processed/Shredded Tires	225 cy	600	Uncovered	Outside Roll-off Container	Class I Landfill	48 Hours
Processed Tire Residuals	20 cy	500	Uncovered	Outside Roll-off Container	Class I Landfill	48 Hours
Recycling Residuals (RSM)	100 cy	1,000	Covered	Outside Roll-off Container	Class I Landfill	6 Months
Waste Oil/House Hold Haz. Waste - Rejected	55 gallons	8 lbs/gal	Covered	Inside Building	Safety Kleen or Other Haz. Waste Recycler	30 Days

Notes: Maximum storage volumes for Unprocessed Class I, III / C&D are based on estimated peak daily projection as noted in Section 2.2.1 of Operation Plan. Total of all equal approximately 8,421 cy (converted 2,000 tons). Unprocessed cardboard and paper included in Class III volumes. Volume-to-weight factors for recyclables are provided as an attachment.





**LEGEND**

- PROPERTY BOUNDARY
- === BELOW GRADE STORMWATER PIPING
- - - BELOW GRADE FIRE WATER MAIN
- o-o-o-o-o 8 FT. TALL PERIMETER FENCE WITH 2 FT. BARBED WIRE
- x-x-x-x-x 6 FT. TALL CHAIN LINK FENCE AROUND STORMWATER POND
- ← TRAFFIC FLOW DIRECTION
- ~ STORMWATER FLOW DIRECTION
- ▭ ASPHALT PAVED AREA

**NOTES:** 1. PAVED AREA KEPT CLEAR FOR TRANSFER TRUCKS AND EMERGENCY VEHICLE TRAFFIC.  
2. PROPERTY BOUNDARY SHOWN ON SOUTH SIDE OF 7TH STREET PER VACATE AGREEMENT.

**FIRE FLOW CALCULATIONS**

$NFF = 18 \times \sqrt{A} \times (0.8) \times (1.15)$   
 $= 18 \times \sqrt{18600} \times (0.8) \times (1.15)$   
 $= 2258.5 \text{ G.P.M.}$

**CREDIT ALLOWED =** 1 EXISTING FIRE HYDRANT WITHIN 300'  
 + 1 EXISTING FIRE HYDRANT WITHIN 600'  
 $= 1000 \text{ G.P.M.} + 670 \text{ G.P.M.}$   
 $= 1670 \text{ G.P.M.}$

**ADDITIONAL FIRE FLOW REQUIRED =** 2258.5 G.P.M. - 1670 G.P.M.  
 $= 588.5 \text{ G.P.M.}$

**PROPOSED FIRE HYDRANT CREDIT =** 1000 G.P.M.  
**THEREFORE FIRE FLOW REQUIREMENT MET.**



DATE	10/09
DESIGNED	JG
DRAWN	TS
CHECKED	DL
FILE:	06-404.016-SITE-2.dwg

DATE	BY	REVISIONS
02/11	JG	UPDATED BALED & PAPER AREA
02/10	JG	PER OCFRO COMMENTS, DATED 1/19/10
12/09	DL	UPDATED FOR OCFRO FIRE SURVEY AS PER FDEP RAI, DATED 11/17/2009
	JG	REVISED
	JG	CHECKED
	JW	DESIGNED
	JW	DRAWN
	JW	CHECKED
	JG	REVISIONS

**SITE PLAN**  
TAFT RECYCLING, INC. CLASS I & CLASS III  
WASTE PROCESSING FACILITY  
AND TRANSFER STATION  
ORANGE COUNTY, FLORIDA

PROJECT NO.	06-404.010
SHEET	1

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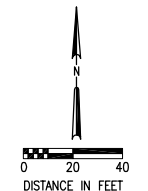
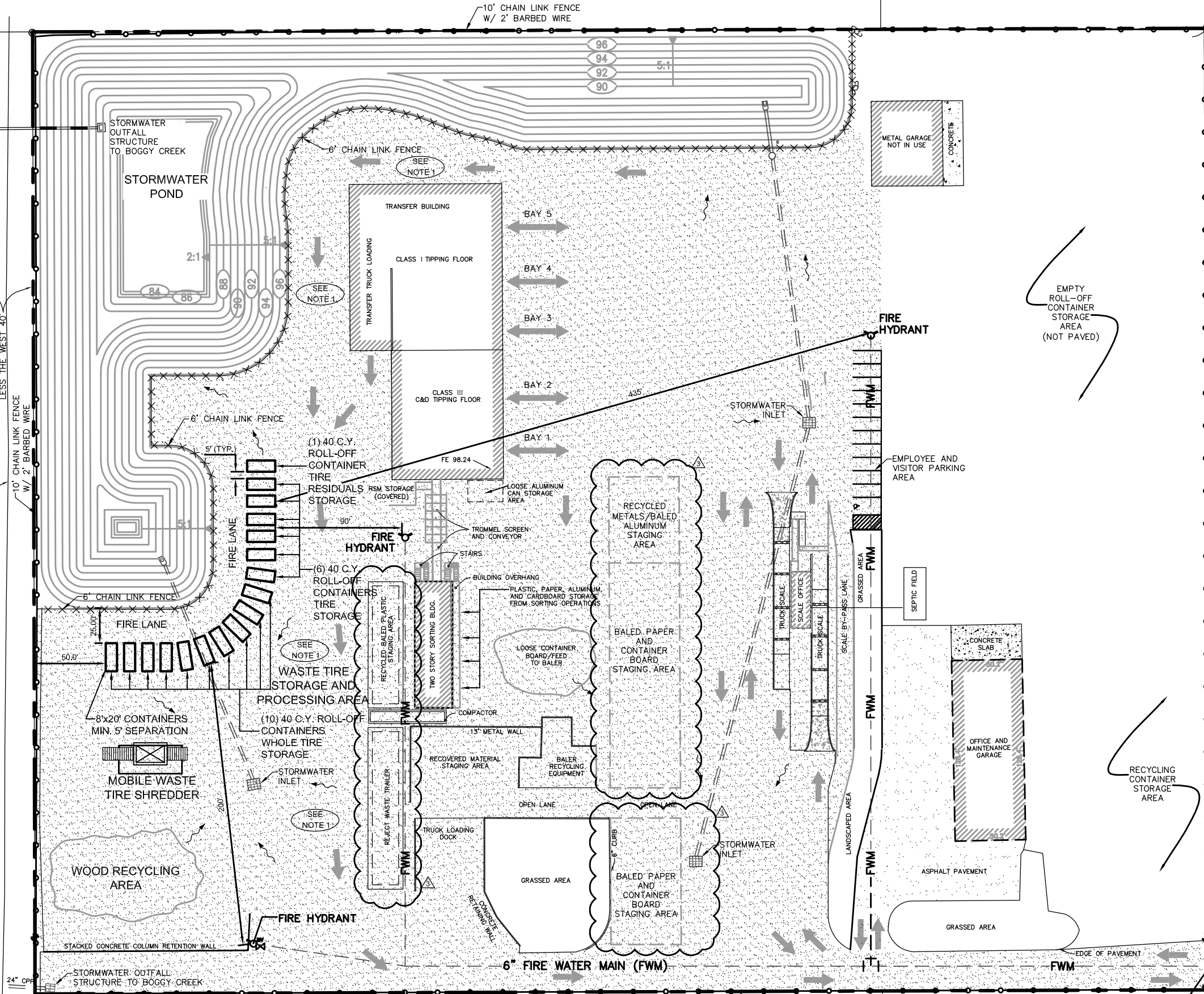
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OWNER:  
MOBILE FIELD OFFICE CO.

23  
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OWNER:  
JAMES E. STRATES

22  
BLOCK "H"  
OWNER:  
PAUL STRAUBINGER



**LEGEND**

- PROPERTY BOUNDARY
- BELOW GRADE STORMWATER PIPING
- BELOW GRADE FIRE WATER MAIN
- 10 FT. TALL PERIMETER FENCE WITH 2 FT. BARBED WIRE
- 6 FT. TALL CHAIN LINK FENCE AROUND STORMWATER POND
- TRAFFIC FLOW DIRECTION
- STORMWATER FLOW DIRECTION
- ASPHALT PAVED AREA

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 $= 588.5 \text{ G.P.M.}$

PROPOSED FIRE HYDRANT CREDIT = 1000 G.P.M.  
 THEREFORE FIRE FLOW REQUIREMENT MET.



DATE: ANDREW J. SCHER, P.E.  
P.E. NO. 58756, FL  
HSA GOLDEN FIRE No. 9915

BY	DATE
JG	11/10
TS	11/10

DESIGNED	DRAWN	CHECKED
JG	JG	JG
DL	JW	DL

REVISIONS	DATE	CHECKED
FILE: 06-404.016-SITE-2.dwg		

**SITE PLAN**  
TARTT RECYCLING, INC. CLASS I & CLASS III  
WASTE PROCESSING FACILITY  
AND TRANSFER STATION  
ORANGE COUNTY, FLORIDA

PROJECT NO.  
06-404.016

FIGURE  
3