

September 9, 2016

VIA ELECTRONIC MAIL

David Bromfield, P.E.
Orange County Environmental Protection Division
3165 McCrory Place, Suite 200
Orlando, FL 32803

Subject: Response to Permit Renewal Application – Completeness Review 1 and Technical Review 1
Request for Additional Information
Taft Transfer Station/Waste Processing & Materials Recovery Facility
Taft Recycling, Inc.
375 W 7th Street, Orlando, Orange County, FL 32824
Parcel ID: 02-24-29-7268-00-410
Permit #: SW-022429-MRF/TS-06/1105
HSA Golden Project No. 06-404.022

Dear Mr. Bromfield:

On behalf of Taft Recycling, Inc. (TRI), HSA Golden is responding to your request for additional information (RAI) letter dated July 25, 2016, regarding the subject permit application. The following comments are offered for your review and approval. Hereafter, we restate the Orange County Environmental Protection Division's (OCEPD) comments in italics, followed by our responses. One copy of all requested information is submitted with revisions noted with strikethrough (~~strikethrough~~) and shading (**shading**). All revisions to drawings are summarized in the revision box on each sheet, and clouded if a detail or note has been revised or added.

TR1.1. In accordance with 32-215(a)(9), please confirm that the fee schedule for the facility has not changed since the 2011 Gate Rates (March 14, 2011) on record, or provide an update.

Response 1.1. See Response to Comment TR1.1.

TR1.2. Section 1. Application Form. Item B.S. It is noted that 41 h Street and Thorpe Road have been omitted from the haul route. EPD concurs.

Response 1.2. Acknowledged

TR1.3. Section 4. Operations Plan Item 2.6.6 Hazardous Waste and Spills; Item 2. 7 Wastetype Control Plan. In accordance with OCC Section 32-216(a)(14)e. a random load inspection log should be maintained.

Response 1.3. Please see Response to Comment TR1.3 for a copy of the random load inspection log to be used.



TR1.4. *Section 4. Operations Plan Appendix C. Training Log, Schedule of Courses, and Trained Employees. Luis Vallejo and Wilson Estevez are listed on the Operators Report however their certifications appear to be expired. Records for a sufficient number of additional operators have been provided. Information only, no response required.*

Response 1.4. Acknowledged

TR1.5. *Section 4. Operations Plan. Appendix K. Emergency and Fire Preparedness Guidelines. A draft updated Fire Fighting Agreement has been received. A signed copy will be required prior to issuance of permit renewal.*

Response 1.5. HSA Golden received a phone call on August 31, 2016 from Mr. Bruce Faust, Chief Fire Marshal with Orange County Fire Rescue (OCFR). Mr. Faust advised that he had questions/comments regarding the Emergency and Fire Preparedness Guidelines Document. We requested their comments in writing on the same day. As of the date of this letter, we have not received any written comments from OCFR. Once the comments are received, we will revise the Emergency and Fire Preparedness Guidelines document as appropriate. The finalized signed document will be forwarded to OCEPD upon receipt.

TR1.6. *Section 5. Closure Cost Estimate.*

- a. *Table 1 has a signature block but is not signed and sealed.*
- b. *Please provide a quote or price list and contact information for the facility adjacent to TRI that it was assumed would accept concrete/asphalt materials for no disposal cost.*
- c. *Please provide a copy of the quote from RMD Americas of Florida, LLC for transport and recycling whole tires.*
- d. *EPD reserves the right to request additional information and/or modifications to the Financial Assurance Cost Estimate to make it consistent with other RAI responses.*

Response 1.6. a. See attached signed and sealed Table 1.

- b. We have changed the disposal location for concrete/asphalt materials to JED Landfill, which will accept the materials at no cost. For transportation costs, the quote from Stafford Trucking was adjusted to \$11/ton to account for the increased distance to JED Landfill as compared to the Orange County Landfill.

The storage quantity for recovered concrete/asphalt and wood was revised to be in line with the available stockpile areas. Each stockpile

is a maximum of 60 feet in diameter, a height of 15 feet, and 2:1 sideslopes. This yields a storage volume of 14,000 cubic yards (cy). At 2 tons/cy for concrete, the estimated weight is 28,000 tons. At 365 pounds/cy for wood, the estimated weight is 2,555 tons. A revised Materials Disposition Table, and Financial Assurance Narrative and table are attached in Response to Comment 1.6.

- c. A quote from JED for disposal of tires is attached in Response to Comment 1.6. The transportation cost was adjusted as noted in response 1.6 b.
- d. Acknowledged

TR1.7. 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 1.7. HSA Golden inspected the stormwater ponds on August 3, 2016 and recommended that vegetation be removed from the ponds and control structures. A follow-up inspection on August 24, 2016 verified that satisfactory maintenance was performed on the outfall structure and most of the pond area. A small area of the pond near the southwest pond inlet requires additional vegetation removal and this will be completed this autumn in drier weather.

TR1.8. Concrete recycling.

Section 4. Operations Plan Item 2.2.1 Waste Quantity Projections states, "Processing of Class III and C&D wastes may include sorting, compacting and baling, crushing and chipping." Is this referring to concrete crushing operations? Section 4. Operations Plan Item 3.5 Processed/Unprocessed Material Disposal Plan states, "Concrete will be crushed onsite or offsite and sold." There are no concrete crushing or storage areas depicted on the site plans. Please provide additional information on the proposed ancillary concrete crushing operations.

Section 5. Closure Cost Estimate also includes up to 50,000 tons of recovered concrete/asphalt. This is a significant change from the prior renewal estimate of 40-80 tons. In your response please also address the siting and performance criteria for concrete crushing operations in Section 38-79(51)a. & c.

"Section 32-214 (m) Ancillary operations. All ancillary operations shall be described in the permit application. Actual or potential impacts from the ancillary operation on air quality, water quality, and abutting property owners (especially in regard to noise level, odors and visual impacts) shall be described and compared to levels described by this Code, where applicable.

Appropriate permits must be obtained from local, state and federal agencies for the ancillary operations. A demonstration of need for the operation must be submitted to the county. If a permittee intends to initiate any ancillary operations at a permitted site, plans or a description of the proposed operation must be submitted to the manager for review. If the manager determines the ancillary operations will create additional substantial impact on the surrounding area, the manager shall forward the request to the board for its consideration."

Response 1.8. Taft Recycling, Inc. does not plan to crush concrete onsite. The concrete/asphalt storage area is depicted on the revised site plan attached as Response to Comment TR1.8. Concrete stockpiles will generally be 60 feet in diameter with 2:1 slopes, and will be a maximum height of 15 feet. The concrete will be transported off site to the JED Landfill in Osceola County for crushing and processing into a recycled item for market.

The following are siting and performance criteria from Section 38-79(51) (a) and (c):

(a) In an A-1, A-2, I-2/I-3, or I-4 zoned district, the location depicted on the approved commercial site plan for this type of use or operation will have equipment or machines, including a crusher, stockpiles, or loading/unloading activity, but excluding a truck or other motor vehicle or an internal access road, shall be at least 1,000 feet from the nearest property line of any residential zoned district, residential use, or school

The nearest residential zoned district, residential use, or school is located 2,040 feet away from the facility.

(c)

1. The use or operation shall be subject to an approved commercial site plan, and shall comply with all applicable laws, ordinances, rules, and regulations including air quality rules codified at Article III, Chapter 15, Orange County Code, the noise control ordinance codified at Article V, Chapter 15, Orange County Code, and the vibration requirements in section 38-1454, Orange County Code.

The facility will only accept concrete for staging purposes. No concrete will be crushed onsite. The storage of a recyclable material for later transportation off site is consistent with the already approved usage of the facility as a transfer station and waste processing/materials recovery facility.

2. Unconfirmed or uncontrolled emissions of particulate matter from any crushing activity, screening activity, conveying activity, stockpiling, loading/unloading activity, or vehicular traffic shall be controlled using water suppression systems,

dust suppressants, or other engineering controls acceptable to the county.

Unconfirmed or uncontrolled emissions are not anticipated from the stockpiling and/or loading and unloading of concrete material at the site.

3. *Buffer requirements at any abutting residential or institutional use property line shall be Type A opaque with landscaping consistent with the landscaping and buffering ordinance codified at Article I, Chapter 24, Orange County Code.*

Not Applicable

4. *Stockpile heights shall not exceed 35 feet above finished grade elevation in A-1 and A-2 zoned districts, and shall not exceed 50 feet above finished grade elevation in I-2/I-3 and I-4 zoned districts.*

The facility meets these criteria as the proposed maximum stockpile height for concrete is 15 feet high.

5. *Building heights shall not exceed 50 feet or 35 feet when located within 100 feet of a residential zoning district or residential designation on the future land use map, or 100 feet when located more than 500 feet from a residential zoning district or residential designation on the future land use map, whichever is applicable.*

Not Applicable

6. *Hours of operation shall be limited to 7:00 a.m. to 7:00 p.m. Monday through Friday and 8:00 a.m. to 3:00 p.m. on Saturday at a plant or facility in an A-1, A-2, I-2/I-3, or I-4 zoned district. No such plant or facility may operate on Sunday.*

The facility is already approved for 24 hour a day, 7 days a week operations. As the proposed stockpiling of concrete at the facility for later transportation offsite does not deviate from the already approved operations at the site, and the fact that no concrete crushing will be performed at the site, these hours of operation should not apply to the facility.

TR1.9.

Documentation for Board of County Commissioners

- a. *Specific Project Expenditure Report is required. Available online at:*

<http://www.ocfl.net/Portals/0/Library/Permitting-Licensing/docs/FAQSPER%2031212.pdf>

<http://www.ocfl.net/Portals/O/Library/PermittingLicensing/docs/SPER%20form%203-1-ll.pdf>

b. Relationship Disclosure Form is required. Available online at:

<http://www.ocfl.net/Portals/O/Library/PermittingLicensing/docs/FAQRDF%2031212.pdf>

<http://www.ocfl.net/Portals/O/Library/PermittingLicensing/docs/RDFDRitems%203-1-ll.pdf>

c. Agent Authorization Form is optional. Available online at:

<http://www.ocfl.net/Portals/O/resource%20library/planning%20-%20development/Agent%20Authorization.pdf>

d. Final Compiled Application. Once the technical review has been finalized, two paper copies and an electronic pdf of the complete integrated final application will be required prior to scheduling.

Response 1.9. Attached are the Relationship Disclosure and Agent Authorization forms. HSA Golden does not have any registered lobbyists; therefore, the Specific Project Expenditure Report is not attached.

We appreciate your review and trust that you will be able to approve the subject permit renewal application. Please call if you have any questions.

Sincerely,

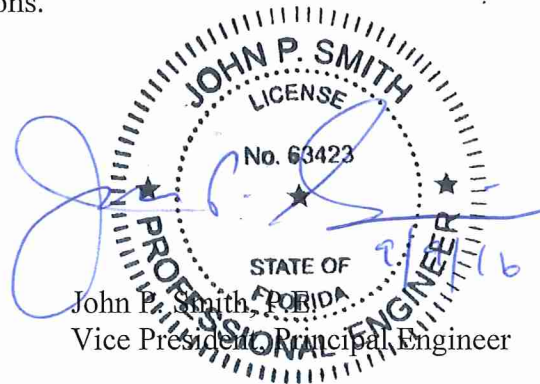
HSA GOLDEN



William Jacobs
Senior Project Manager

Attachments

cc: Mr. Kirk Wills, Taft Recycling Inc.





Progressive
Waste Solutions

375 W 7th STREET
ORLANDO, FL 32824
PHONE (407) 851 - 0074
FAX (407) 856 - 0074

TAFT RECYCLING & TRANSFER

GATE RATES:
EFFECTIVE DATE - 01/01/2015

SOLID WASTE.....	\$57.00
CONSTRUCTION &..... DEMOLITION DEBRIS (C&D)	\$41.00
CLASS 3	\$53.00
VEGATATIVE WASTE.....	\$41.00

1 TON MINIMUM CHARGE WILL APPLY TO ALL TRANSACTIONS

TAFT RECYCLING, INC.
RANDOM LOAD INSPECTION REPORT

INSPECTION LOCATION

Date _____ Time _____

Hauler _____ Truck # _____

Vehicle License Plate # _____

Source of Waste _____

Driver (print name) _____

Driver (signature) _____

Inspector Title _____

Waste Observed _____

Unauthorized Waste _____

Name of Contact _____

What action was taken to properly dispose of unauthorized waste?

(use attachments if necessary)

**TAFT TRANSFER STATION/WASTE PROCESSING & MATERIAL RECOVERY FACILITY
CALCULATIONS, ASSUMPTIONS AND SUPPORTING INFORMATION
CLOSURE COST ESTIMATE FOR FINANCIAL ASSURANCE**

March ~~September~~ 9, 2016

The closure cost estimate shown on Table 1 (attached) is based on the table of Material Disposition, Appendix H, Operation Plan. The closure cost estimate includes the cost of loading, transporting, and disposal of the maximum on-site storage of recyclable materials which may be at the Facility at any time. The estimate considers a third party performing the work and is signed and sealed by a registered professional engineer. The assumptions and supporting documentation used to prepare the closure cost estimate in Table 1 are summarized below.

- Loading of Class I, III, C&D and non-processed/non-baled recyclable materials provided by RCS Excavation, Inc.
- Transport of Class I, III, C&D and non-processed/non-baled recyclable materials provided by Stafford Trucking.
- Loading, transport and end disposal of processed/baled cardboard, aluminum, glass, plastic, metal and paper was assumed at the Orange County Landfill. Although these materials would likely have commodity value, a worst case assumption was made in the closure cost estimate to allow for disposal.
- Disposal rates for Class I, III, C&D and non-processed/non-baled recyclable materials provided by Orange County Landfill. The Orange County Landfill is the closest facility that could accept these types of wastes.
- Handling and loading of recovered concrete/asphalt will be provided by RCS Excavation, Inc. Transportation will be provided by Stafford Trucking with the rate adjusted to account for increased distance. These materials will be accepted at the JED Landfill for no disposal cost (see attached).
- ~~Transport and recycling~~ Acceptance of whole tires for recycling quoted by RMD Americas of Florida, LLC, RMD JED Landfill. Stafford Trucking will transport and recycling whole tires at the rate provided adjusted rate to account for increased distance to JED. Loading of whole tires from roll-off containers to RMD Stafford's trucks will be completed by RCS Excavating, Inc. at the rate provided.
- Processed tires and residuals will be directly transported to Orange County Landfill for use as daily cover or direct disposal in the Class I landfill. Assumed disposal rate for Class I refuse would apply.
- Costs for final cleaning/washdown, removal of household hazardous waste, and any final sampling and analysis are based on general estimating experience.

Upon approval of this closure cost estimate, Taft Recycling, Inc. will renew the financial assurance instrument for the Facility.

Prepared by: _____

JOHN P. SMITH
LICENSE
No. 63423
John P. Smith, P.E.
Florida P.E. No. 63423
HSA Golden, Lindy FBPH 0915

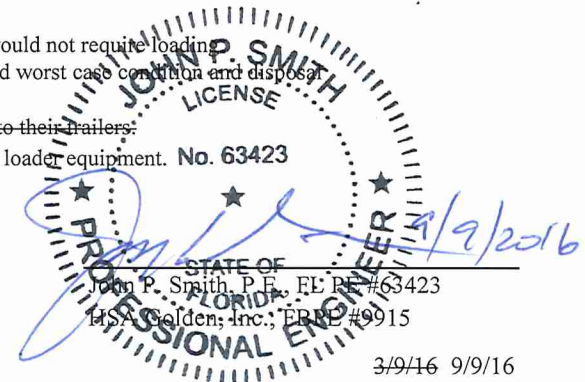
Date: 9/9/2016

**TABLE 1. OPINION OF PROBABLE CLOSURE COSTS
TAFT RECYCLING, INC.
TAFT TRANSFER STATION/WASTE PROCESSING MATERIAL RECOVERY FACILITY
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 (4)	\$5.50	\$25.60	\$33.60	\$16,800.00
2 Unprocessed Class I Putrescible	1500	\$2.50 (4)	\$5.50	\$33.60	\$41.60	\$62,400.00
3 Recovered Asphalt/Concrete	28,000	\$2.50 (2)	\$11.00	\$0.00	\$13.50	\$378,000.00
4 Recovered Roofing Tiles	20	\$0.00 (2)	\$5.50	\$25.60 (3)	\$31.10	\$622.00
5 Recovered Cardboard (Baled)	1482	\$2.50 (4)	\$5.50	\$25.60 (3)	\$33.60	\$49,795.20
5a Recovered Cardboard (Loose)	200	\$2.50 (4)	\$5.50	\$25.60 (3)	\$33.60	\$6,720.00
6 Recovered Paper (Baled)	37.5	\$2.50 (4)	\$5.50	\$25.60 (3)	\$33.60	\$1,260.00
7 Recovered Metal (Ferrous, Steel, Pipe)	40	\$0.00 (4)	\$5.50	\$25.60 (3)	\$31.10	\$1,244.00
8 Metal (Aluminum Cans)	1.5	\$2.50 (4)	\$5.50	\$25.60 (3)	\$33.60	\$50.40
9 Glass (Whole Bottles)	18	\$2.50 (4)	\$5.50	\$25.60 (3)	\$33.60	\$604.80
10 Plastic (Mixed Loose)	1.4	\$2.50 (4)		\$25.60 (3)	\$28.10	\$39.34
11 Wood	2555	\$2.50 (4)	\$5.50	\$25.60	\$33.60	\$85,848.00
12 Whole Tires	67.5	\$2.50 (4)	\$11.00 (4)	\$95.00 (4)	\$108.50	\$7,323.75
13 Processed Shredded Tires	67.5	\$0.00 (2)	\$5.50	\$33.60	\$39.10	\$2,639.25
14 Processed Tire Residuals	10	\$0.00 (2)	\$5.50	\$33.60	\$39.10	\$391.00
15 Recycling Residuals	50	\$0.00 (2)	\$5.50	\$33.60	\$39.10	\$1,955.00
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						\$621,692.74
20 Contingency (15%)						\$93,253.91
21 Total						\$714,946.65

Notes:

- Maximum storage volumes taken from table of Material Disposition, Appendix B, Operation Plan.
- Other than wood and concrete, 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. No. 63423
- Class III wastes include C&D debris.
- Item 16 - 6 months closure period maintenance at \$500/month



3/9/16 9/9/16

MATERIALS DISPOSITION
Taft Recycling, Inc.
Taft Transfer Station/Waste Processing & Material Recovery Facility

Recovered Material or Unprocessed Waste Type	Maximum Storage Volume	Density (lbs/cy)	Covered or Uncovered	Method of Storage	Disposal/ Recycling Location	Maximum Hold Time
Unprocessed Class III	2,000 cy	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	2,500 14,000 cy	4,000	Uncovered	Outside Storage Yard	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)	4,559 cy	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 14,000 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 Hazardous 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.



WASTE CONNECTIONS, INC.
JED Landfill
Connect with the Future

September 8, 2016

Kirk Wills
Region Engineer
450 Carillon Pkwy Ste 2-130
St Petersburg, FL 33716

Re: Proposal

Kirk,

JED Landfill is pleased to offer you the following disposal rates on the materials described below:

Bulk Tires: \$95.00 per ton

We look forward to the opportunity to serve your disposal needs.

Respectfully,

Benjamin Gray
District Manager
JED Landfill
407-891-3720



1501 Omni Way, St. Cloud, Florida 34773

March 7, 2016

To Whom it May Concern:

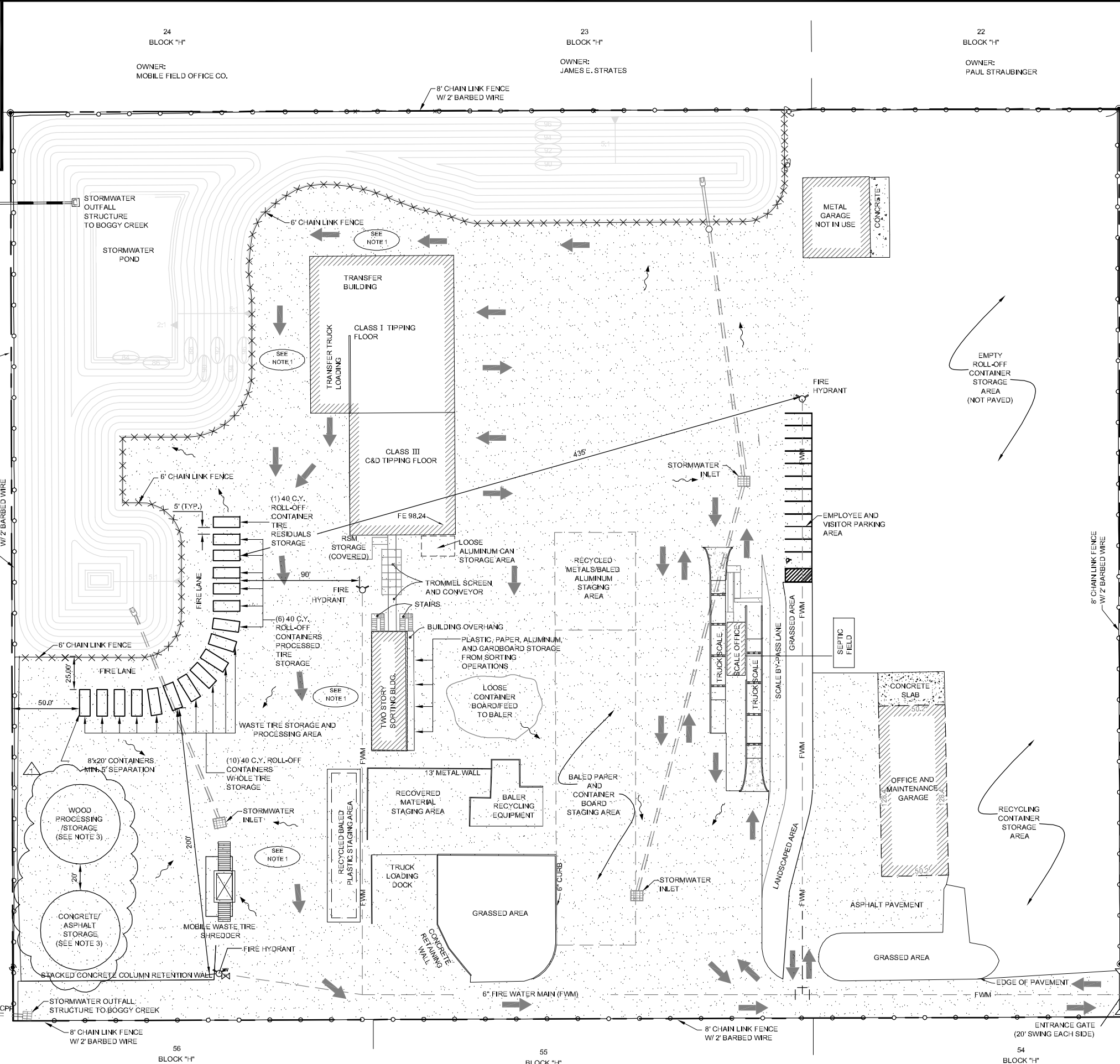
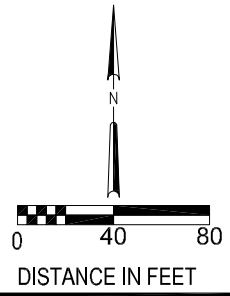
We will accept clean concrete and asphalt from the Taft Transfer and MRF Facility at our JED Solid Waste Management Facility free of charge. This material is typically processed (recycled) and used for road base material within our landfill disposal area.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Hartings", is written over a horizontal line.

John Hartings
District Manager
Progressive Waste Solutions
JED Solid Waste Management Facility

P:\Project Files\06-404-022 Progressive Waste Services - Taft Recycling FDEP and OCEPD Permit Renewals\CAD\Figures\20160324\March-FDEP-OCEPD Permit Renewals\Operational\SitePlan\Fig.dwg
SHEET SIZE: LETTER, PEN STYLE: HSAG - HALF PLOT - LAYOUT NAME: SITE PLAN - LAST SAVE BY: ISINGH 9/8/2016 3:49:55 PM



LEGEND

- PROPERTY BOUNDARY
- == BELOW GRADE STORMWATER PIPING
- - - - - BELOW GRADE FIRE WATER MAIN
- ○ ○ ○ 8 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

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 G.P.M.

CREDIT ALLOWED = 1 EXISTING FIRE HYDRANT WITHIN 300'
 + 1 EXISTING FIRE HYDRANT WITHIN 600'
 = 1000 G.P.M. + 670 G.P.M.
 = 1670 G.P.M.

ADDITIONAL FIRE FLOW REQUIRED = 2258.5 G.P.M. - 1670 G.P.M.
 = 588.5 G.P.M.

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

NOTES:

- PAVED AREA KEPT CLEAR FOR TRANSFER TRUCKS AND EMERGENCY VEHICLE TRAFFIC.
- PROPERTY BOUNDARY SHOWN ON SOUTH SIDE OF 7TH STREET PER VACATE AGREEMENT.
- THE WOOD AND CONCRETE / ASPHALT PILES WILL GENERALLY BE 60 FEET IN DIAMETER WITH 2:1 SLOPES AND A MAXIMUM HEIGHT OF 15 FEET.

△ REVISED PER FDEP & OCEPD COMMENTS, 03/2016



TAFT TRANSFER STATION / WASTE PROCESSING & MATERIAL RECOVERY FACILITY
ORANGE COUNTY, FLORIDA

SITE PLAN

PROJECT #
06-404.022
FIGURE
3

OWNER: ORANGE COUNTY
40' PLATTED R/W PER F.B. "D", PG. 100
BOGGY CREEK CANAL
WEST LINE OF LOT 41
EAST TOP OF BANK OF CANAL
LESS THE WEST 40'

24 BLOCK "H"
OWNER: MOBILE FIELD OFFICE CO.

23 BLOCK "H"
OWNER: JAMES E. STRATES

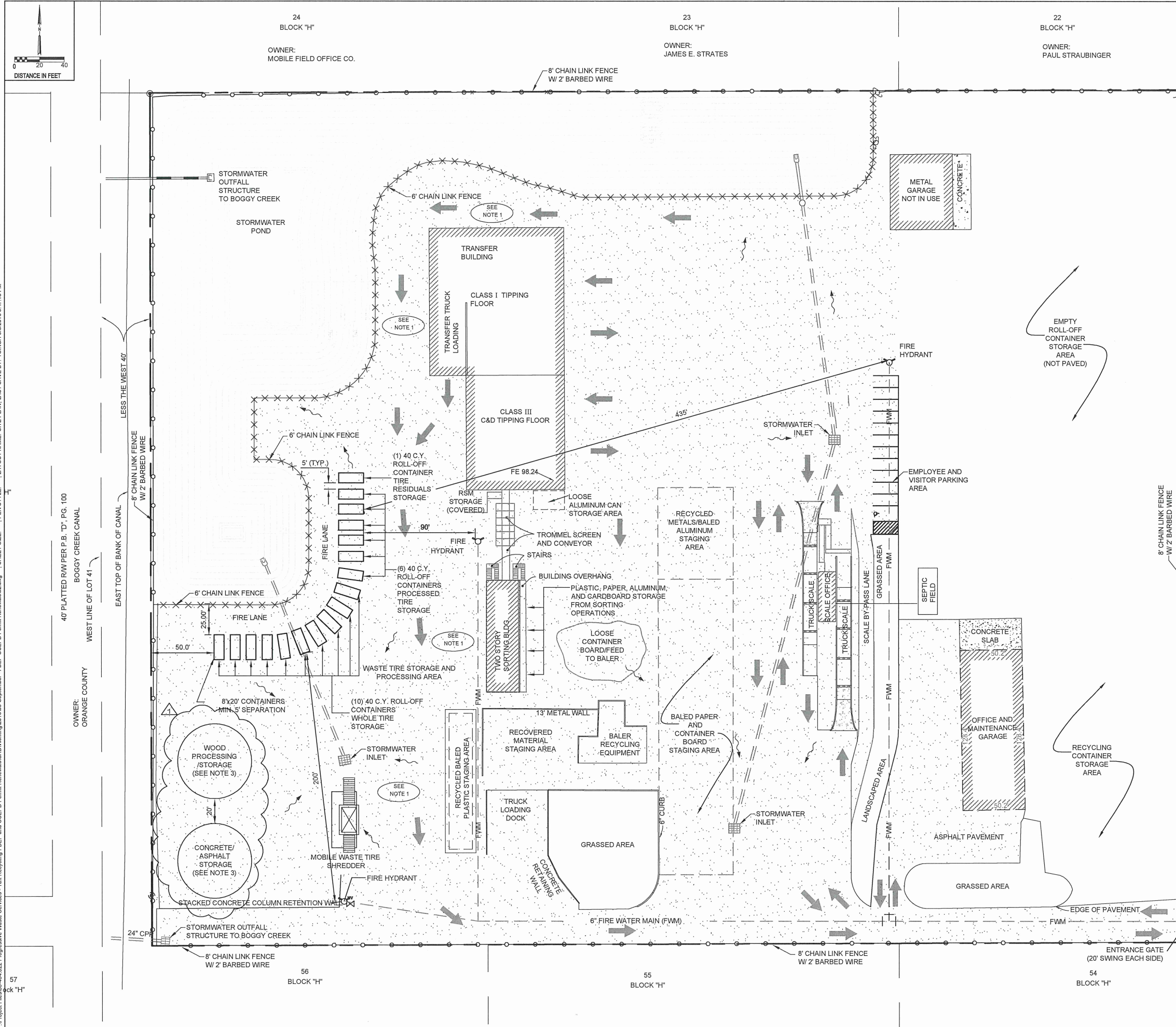
22 BLOCK "H"
OWNER: PAUL STRAUBINGER

56 BLOCK "H"

55 BLOCK "H"

54 BLOCK "H"

53 BLOCK "H"



LEGEND

- PROPERTY BOUNDARY
- == BELOW GRADE STORMWATER PIPING
- - - - - BELOW GRADE FIRE WATER MAIN
- 8 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

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 G.P.M.

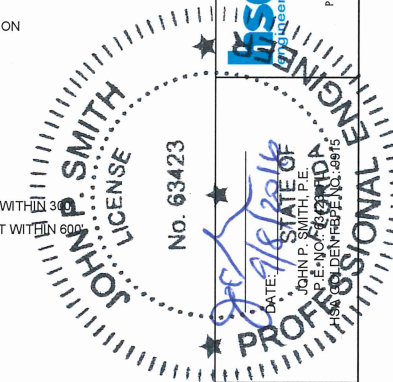
CREDIT ALLOWED = 1 EXISTING FIRE HYDRANT WITHIN 300'
 + 1 EXISTING FIRE HYDRANT WITHIN 600'
 = 1000 G.P.M. + 670 G.P.M.
 = 1670 G.P.M.

ADDITIONAL FIRE FLOW REQUIRED = 2258.5 G.P.M. - 1670 G.P.M.
 = 588.5 G.P.M.

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

NOTES:

- PAVED AREA KEPT CLEAR FOR TRANSFER TRUCKS AND EMERGENCY VEHICLE TRAFFIC.
- PROPERTY BOUNDARY SHOWN ON SOUTH SIDE OF 7TH STREET PER VACATE AGREEMENT.
- THE WOOD AND CONCRETE / ASPHALT PILES WILL GENERALLY BE 60 FEET IN DIAMETER WITH 2:1 SLOPES AND A MAXIMUM HEIGHT OF 15 FEET.



#	DATE	REVISIONS	CHECKED
1	03/20/16	REVISED PER FDEP & OCEFPD COMMENTS	
2			
3			
4			
5			

BY	DATE
DESIGNED: WJ	01/20/16
DRAWN: TS	01/20/16
CHECKED: JS	01/20/16

#	DATE	REVISIONS	CHECKED
1	03/20/16	REVISED PER FDEP & OCEFPD COMMENTS	
2			
3			
4			
5			

SITE PLAN	
TAFT TRANSFER STATION / WASTE PROCESSING & MATERIAL RECOVERY FACILITY	
ORANGE COUNTY, FLORIDA	
PROJECT #	06-404.022
SHEET	2

P:\Project Files\06-404.022 Progressive Waste Services - Taft Recycling FDEP and OCEFPD Permit Renewal\CAD\Working\02\1609-September - FDEP-OCEFPD Permit Renewal\02.dwg, SHEET SIZE: 11x17, PEN STYLE: ---, LAYOUT NAME: SITE PLAN, LAST SAVE BY: TSINGHI 9/8/2016 3:47:13 PM

For Staff Use Only:
Initially submitted on _____
Updated On _____
Project Name (as filed) _____
Case or Bid No. _____

ORANGE COUNTY SPECIFIC PROJECT EXPENDITURE REPORT

This lobbying expenditure form shall be completed in full and filed with all application submittals. This form shall remain cumulative and shall be filed with the department processing your application. Forms signed by a principal's authorized agent shall include an executed Agent Authorization Form.

**This is the initial Form: _____
This is a Subsequent Form: _____**

For
staff
use
only

**Part I
Please complete all of the following:**

Name and Address of Principal (legal name of entity or owner per Orange County tax rolls): _____

Name and Address of Principal's Authorized Agent, if applicable: _____

List the name and address of all lobbyists, consultants, contractors, subcontractors, individuals or business entities who will assist with obtaining approval for this project. (Additional forms may be used as necessary.)

1. Name and address of individual or business entity: _____
Are they registered Lobbyist? Yes or No
2. Name and address of individual or business entity: _____
Are they registered Lobbyist? Yes or No
3. Name and address of individual or business entity: _____
Are they registered Lobbyist? Yes or No
4. Name and address of individual or business entity: _____
Are they registered Lobbyist? Yes or No
5. Name and address of individual or business entity: _____
Are they registered Lobbyist? Yes or No
6. Name and address of individual or business entity: _____
Are they registered Lobbyist? Yes or No
7. Name and address of individual or business entity: _____
Are they registered Lobbyist? Yes or No
8. Name and address of individual or business entity: _____
Are they registered Lobbyist? Yes or No

For Staff Use Only:
 Initially submitted on _____
 Updated On _____
 Project Name (as filed) _____
 Case or Bid No. _____

Part II
Expenditures:

For this report, an "expenditure" means money or anything of value given by the principal and/or his/her lobbyist for the purpose of lobbying, as defined in section 2-351, Orange County Code. This may include public relations expenditures including, but not limited to, petitions, fliers, purchase of media time, cost of print and distribution of publications. However, the term "expenditure" **does not** include:

- Contributions or expenditures reported pursuant to chapter 106, Florida Statutes;
- Federal election law, campaign-related personal services provided without compensation by individuals volunteering their time;
- Any other contribution or expenditure made by or to a political party;
- Any other contribution or expenditure made by an organization that is exempt from taxation under 26 U.S.C. s. 527 or s. 501(c)(4), in accordance with s.112.3215, Florida Statutes; and/or
- Professional fees paid to registered lobbyists associated with the project or item.

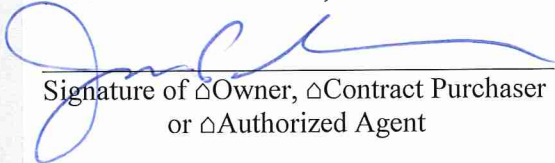
The following is a complete list of all lobbying expenditures and activities (including those of lobbyists, contractors, consultants, etc.) incurred by the principal or his/her authorized agent and expended in connection with the above-referenced project or issue. **You need not include de minimus costs (under \$50) for producing or reproducing graphics, aerial photographs, photocopies, surveys, studies or other documents related to this project.**

Date of Expenditure	Name of Party Incurring Expenditure	Description of Activity	Amount Paid
TOTAL EXPENDED THIS REPORT			\$

For Staff Use Only:
Initially submitted on _____
Updated on _____
Project Name (as filed) _____
Case Number _____

Part III
ORIGINAL SIGNATURE AND NOTARIZATION REQUIRED

I hereby certify that information provided in this relationship disclosure form is true and correct based on my knowledge and belief. If any of this information changes, I further acknowledge and agree to amend this relationship disclosure form prior to any meeting at which the above-referenced project is scheduled to be heard. In accordance with s. 837.06, Florida Statutes, I understand and acknowledge that whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his or her official duty shall be guilty of a misdemeanor in the second degree, punishable as provided in s. 775.082 or s. 775.083, Florida Statutes.


Signature of Owner, Contract Purchaser
or Authorized Agent

Date: 9/9/2016

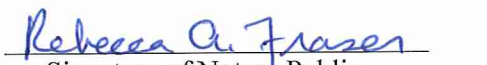
Print Name and Title of Person completing this form: John P. Smith, P.E., Vice President, HSA Golden

STATE OF FLORIDA :
COUNTY OF ORANGE :

I certify that the foregoing instrument was acknowledged before me this 9th day of September, 2016 by John P. Smith. He/she is personally known to me or has produced _____ as identification and did not take an oath.

Witness my hand and official seal in the county and state stated above on the 9th day of September, in the year 2016.




Signature of Notary Public
Notary Public for the State of Florida
My Commission Expires:
8/13/19

Staff signature and date of receipt of form

Staff reviews as to form and does not attest to the accuracy or veracity of the information provided herein.

AGENT AUTHORIZATION FORM



FOR PROJECTS LOCATED IN ORANGE COUNTY, FLORIDA

I/WE, (PRINT PROPERTY OWNER NAME) Taft Recycling, Inc., AS THE OWNER(S) OF THE REAL PROPERTY DESCRIBED AS FOLLOWS, Taft Transfer Station/Waste Processing & Material Recovery Facility, DO HEREBY AUTHORIZE TO ACT AS MY/OUR AGENT (PRINT AGENT'S NAME), John P. Smith, P.E., TO EXECUTE ANY PETITIONS OR OTHER DOCUMENTS NECESSARY TO AFFECT THE APPLICATION APPROVAL REQUESTED AND MORE SPECIFICALLY DESCRIBED AS FOLLOWS, OCEPD Solid Waste Permit Renewal, AND TO APPEAR ON MY/OUR BEHALF BEFORE ANY ADMINISTRATIVE OR LEGISLATIVE BODY IN THE COUNTY CONSIDERING THIS APPLICATION AND TO ACT IN ALL RESPECTS AS OUR AGENT IN MATTERS PERTAINING TO THE APPLICATION.

Date: 9/8/2016

Kirk Wills
Signature of Property Owner

Kirk Wills
Print Name Property Owner

Date: _____

Signature of Property Owner

Print Name Property Owner

STATE OF FLORIDA :
COUNTY OF OSCEOLA :

I certify that the foregoing instrument was acknowledged before me this 9th day of September, 2016 by Kirk Wills. He/she is personally known to me or has produced FLDL#W420.505.08222.0 as identification and did/did not take an oath.

Witness my hand and official seal in the county and state stated above on the 9th day of September, in the year 2016.

 ROCKELLE TORO
NOTARY PUBLIC
STATE OF FLORIDA
Comm# FF073824
Expires 12/2/2017

Rocelle Toro
Signature of Notary Public
Notary Public for the State of Florida

My Commission Expires: 12-02-2017

Legal Description(s) or Parcel Identification Number(s) are required:
PARCEL ID #: 02-24-29-7268-00-410
LEGAL DESCRIPTION:
PLAN OF BLK H PROSPER COLONY D/102 LOT 41 (LESS W 40 FT FOR CANAL R/W) & LOTS 42 & 43 (LESS E 100 FT OF LOT 43) & N 20 FT OF VACATED R/W LYING S OF DESC PER 9452/3143