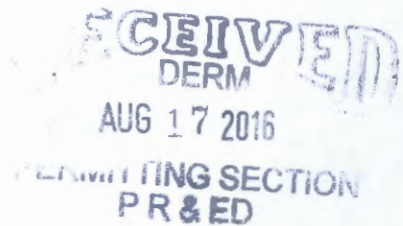




08/12/2016

Department of Regulatory and Economic Resources
Pollution Regulation Division- 7th Floor
Attn: Johnny Vega, P.E.
701 NW 1st Court
Miami, FL 33136



REFERENCE: **Renewal of the Waste Processing Facility FDEP Permit No. 068888-007-SO issued to Big Apple Demolition Removal, Inc. (WACS No. 59818/DERM File No. SW-1348) for the facility located at, near, or in the vicinity of 3610 NW 50th Street, Miami Dade County, Florida.**

Dear Mr. Vega:

Please find our responses below, under the same numbering as in the Request for additional information #1 (RAI#1).

A. General Information

- 1) The application transmittal (cover) letter references a "minor modification" in addition to the permit renewal request, while item #3 of Section A of the application form references an "intermediate" modification. Based on the scope of the modification proposed (increase in processing capacity), the Department is of the opinion that the modification should be considered minor. Please clarify and resubmit a revised permit application as necessary.

-Please refer to the attached application, which has been revised to consider the modification as "minor"

- 2) The latitude and longitude coordinates referenced in item #7 of Section A of the application form were found to be situated on the property located to the east of the facility. Therefore, item #7 of the form shall be revised to depict accurate lat/lon coordinates that correspond to the location of the facility. Please revise the application and resubmit accordingly.

-Please refer to the attached application, where Item #7 of Section A has been revised to reflect the correct latitude and longitude coordinates.

B. Additional Information

3)

- a) **The requested daily processing rate of 1,242 cu. yd. /day constitutes a fifty-five (55) percent increase over the currently permitted rate (800 cu.yd./day). Furthermore, a review of monthly operating reports submitted to DERM during the past year indicate that Big Apple has been operating at an average rate in the range of 200-300 yd³/day based on the quantities of material received on-site. Considering the nature of the material recovery operations employed (manual spreading/hand picking), provide supporting rationale estimating the maximum daily quantity (in yd³/day) of C&D debris that Big Apple can be reasonably expected to process on daily basis at the site without exceeding the material quantity storage limitations that are subject to financial assurance. Said rationale shall consider factors such as processing capacity of the manual spreading/picking operations, daily quantity of material removed off-site after receipt/processing, availability and capacity of loading and transportation equipment, etc. The facility's processing rate to be made part of the permit application shall not exceed the estimated daily maximum processing capacity of the site based on the aforementioned factors and limitations. Refer to item I at the end of this letter for additional comments on local permit requirements**

Big Apple's owners/operators have been in the industry for over 30 years. The allowable storage per Specific Condition #11 of the current permit is 1,153 cubic yard. The facility is requesting an additional 89 cubic yard of storage which constitutes an eight (8) percent increase in storage capacity. Due to the steady increase in construction activities, future prospects and marketing strategies, an increase of the incoming material is expected. Developments nearby the facility such as the Liberty Square Project and Biscayne Park along with numerous future City of Miami and Miami Dade County projects will increase the amount of C&D that the facility is expected to receive. The facility has the means to increase staffs and a proven method of operation to effectively process the C&D material. The amount of the estimated daily maximum is based on the aforementioned factors along with the capacity of the site to effectively process the material as shown on the submitted site plan.

- b) **Pursuant to comment (a) above, the Operations Plan shall include a clear breakdown of the maximum quantities of unprocessed and processed solid waste material and recovered materials to be stored on site at any time.**

Said breakdown shall be consistent with the closure cost estimate breakdowns and material quantities depicted on the facility site plan.

-Please refer to Attachment 2, where the Operations Plan has been revised to include a clear breakdown of the maximum quantities of unprocessed and processed solid waste material and recovered materials to be stored on site at any time.

- c) Pursuant to item #1 (d) of Section B, clarify in the Operations Plan the source(s) of the solid waste received at the facility (e.g., general public, wastes collected/hailed by Big Apple, etc).**

-Please refer to Attachment 2, where the Operations Plan has been revised to include the general sources of waste received at the facility.

4)

- a) Include provisions for handling putrescible wastes that may be received at the facility in accordance with Rule 62-701.71 0(4)(b), F.A.C.**

-Please refer to Attachment 2, where the Operations Plan has been revised to include provisions for handling putrescible wastes.

- b) Include provisions that specifically address the requirements of Rule 62-701.71 0(4)(g),(h) and (i), F.A.C.**

-Please refer to Attachment 2, where the Operations Plan has been revised to address the requirements of Rule 62-701.71 0(4)(g),(h) and (i), F.A.C.

- c) The rule references made in the "Record Keeping" section of the Operations Plan shall be revised for consistency with Rule 62-701.710(8), F.A.C.**

-Please refer to Attachment 2, where the Operations Plan has been revised to be in compliance with rule 62-701.710(8), F.A.C.

- 5) Pursuant to item #6 of Section 8 of the application form and Rule 62-701.710(6), F.A.C., revise the Closure Plan to include provisions for contamination evaluation in the event that it is required as part of the closure process (note that facility is required to conduct groundwater monitoring as it does not have leachate control). Additionally, note that said plan shall be presented as a standalone document with an appropriate title and revision date.**

-Please refer to Attachment 3, where the closure plan has been revised and is being submitted as a standalone document per your request.

- 6) Pursuant to item #7 of Section B of the application form and Rules 62-701.710(2)(g) and 62-701.320(16) F.A.C., revise the Contingency Plan included as part of the Operations Plan to address the requirements of Rules 62-701.320(16)(a) and (c), F.A.C.**

-Please refer to Attachment 2, where the contingency plan has been revised to address the requirements of rules 62-701.320(16)(a) and (c), F.A.C.

- 7) The recalculated closure cost estimate shall be revised to address the following deficiencies:**

- a) The latitude and longitude coordinates provided in Section I of the DEP Form #62-701.900(28), F.A.C. shall be revised in accordance with comment #2 of this letter.**

-Please refer to the corrected DEP form in Attachment 1, where the latitude and longitude coordinates provided in Section I of the DEP Form #62-701.900(28), F.A.C. has been revised.

- b) In the site specific costs sheet, include a section that specifically describes the Quality Assurance Testing estimate referenced under item #11 (Section IV) of the FDEP closure cost estimate form.**

-As per Rule 62-701.510(8)(5), Quality Assurance is required as part of Water quality reporting. The attached proposal (Attachment 5) for contamination evaluation services includes quality assurance, as required.

- c) Rules 62-701.710(6) and 62-701.710(1)(d)2, F.A.C. stipulate the need for conducting a contamination evaluation as part of the closure of the facility, therefore the estimate shall account for costs associated to said activities.**

- Please refer to Attachment 4, where a third party estimate for a contamination evaluation has been attached. The closure cost estimating form has been revised to include a cost estimate for a contamination evaluation by a third party.

- d) The loading costs (as shown) appear to assume that the loading of the material will be conducted by the facility using on site equipment. Please note that the overall cost estimate (loading, transportation and disposal costs) for the site shall be conceived with the assumption that the department (not the permittee) will be responsible for the removal and disposal of all solid waste from the site (i.e., site abandonment). Please clarify and revise as necessary.**

-Please refer to third party estimated cost included in Attachment 5.

- e) **Some of the estimates indicated in the site specific costs appear to be preferential (designated as "contractual") which are not acceptable. Be advised that the closure cost estimate shall be supported by current third party quotations from entities that are not subsidiary or parent company of the permittee, or entities currently contracted to provide services to the permittee. The quotations shall clearly specify the loading, transportation and/or disposal costs applicable to the service(s) intended to be provided by the third party(ies). The revised estimate and associated quotations shall establish the overall loading, transportation and disposal costs of the solid waste. Recovered materials do not have to be included in the estimate provided they are managed as indicated in the FDEP guidance memorandum SWM-09.4 (http://www.dep.state.fl.us/waste/categories/solid_waste/pages/policymemos.htm).**

-Please refer to third party estimated cost included in Attachment 5.

- f) **For transportation of material outside of the county, ensure that the third party estimates/quotations (including quotations that combine transportation and disposal costs) reference and acknowledge the movement of material from the facility to the disposal site and include any applicable surcharges. Estimates based on transportation/disposal at permitted solid waste management facilities operating within MDC may be considered as an alternative and are recommended by DERM.**

-Please refer to third party estimated cost included in Attachment 5.

- g) **Costs for transportation and disposal of land clearing debris and clean wood were indicated to be zero. Note that land clearing debris and (clean) wood is part of the C&D debris definition. These shall therefore be accounted for in the cost estimate. Please revise accordingly.**

-Please refer to third party estimated cost included in Attachment 5 which includes the relevant costs.

- h) **Disposal costs for separated concrete shall be based on disposal at a permitted solid waste management facility instead of a lakefill. Please revise accordingly.**

-Please refer to third party estimated cost included in Attachment 5 which includes Disposal costs for separated concrete.

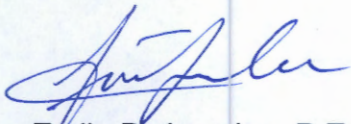
- i) Disposal costs for unacceptable waste shall be based on disposal at a suitable facility (Class I solid waste management facility or disposal facility). MDC non-contract disposal fees listed on <http://www.miamidade.gov/solidwaste/disposal-facilities.asp> may be used as a third party quotation.

- Please refer to third party estimated cost included in Attachment 5, for which disposal costs for unacceptable wastes is included.

We appreciate your continuous assistance. If you have any questions, please call.

Sincerely;

AMBRO, INC.



Emile P. Amedee, P.E.

cc: Robert Saroza, Big Apple
Patrick Hernandez, AMBRO



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form # 62-701.900(4), F.A.C.

Form Title: Application to Construct, Operate, or
Modify a Waste Processing Facility

Effective Date: August 12, 2012

Incorporated in Rule: 62-701.710(2), F.A.C.

APPLICATION TO CONSTRUCT, OPERATE, OR MODIFY A WASTE PROCESSING FACILITY

GENERAL REQUIREMENT: Solid Waste Management Facilities shall be permitted pursuant to Section 403.707, Florida Statutes (F.S.) and in accordance with Florida Administrative Code (F.A.C.) Chapter 62-701. A minimum of four copies of the application shall be submitted to the Department District Office having jurisdiction over the facility. The appropriate fee in accordance with subsection 62-701.315(4), F.A.C., shall be submitted with the application by check made payable to the Department of Environmental Protection (DEP). Complete appropriate sections for the type of facility for which application is made and include all additional information, drawings, and reports necessary to evaluate the facility.

Please Type or Print in Ink

A. GENERAL INFORMATION

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

☐ Transfer Station:

☐ C&D

☐ Class III

☐ Class I

☐ Other Describe: _____

☒ Materials Recovery Facility:

☒ C&D Recycling

☐ Class III MRF

☐ Class I MRF

☐ Other Describe: _____

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

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

☐ Other Describe: _____

NOTE: C&D Disposal facilities that also recycle C&D shall apply on DEP Form 62-701.900(6), F.A.C.

2. Type of application:

☐ Construction/Operation

☒ Operation without Additional Construction

3. Classification of application:

☐ New

☐ Substantial Modification

☒ Renewal

☐ Intermediate Modification

☒ Minor Modification

4. Facility name: BIG APPLE DEMOLITION REMOVAL, INC.

5. DEP ID number: 6888-007-SO County: MIAMI-DADE

6. Facility location (main entrance): 3610 NW 50TH STREET, MIAMI FLORIDA

MAIN ENTRANCE ON NW 50TH STREET

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8300

Northeast District
7777 Baymeadows Way W, Ste 100
Jacksonville, FL 32256-7590
904-256-1700

Central District
3319 Maguire Blvd, Ste 232
Orlando, FL 32803-3767
407-897-4100

Southwest District
13051 N Telecom Pkwy
Temple Terrace, FL 33637
813-632-7600

South District
2295 Victoria Ave, Ste 364
Fort Myers, FL 33901-3881
239-344-5600

Southeast District
400 North Congress Ave
West Palm Beach, FL 33401
561-681-6600

7. Location coordinates:
Section: 21 Township: 53 S Range: 41 E
Latitude: 25 ° 49 ' 10 N " Longitude: 80 ° 15 ' 19 W "
Datum: _____ Coordinate Method: _____
Collected by: _____ Company/Affiliation: _____
8. Applicant name (operating authority): BIG APPLE DEMOLITION REMOVAL, INC.
Mailing address: 4701 NW 35TH AVENUE, MIAMI, FLORIDA 33142
Street or P.O. Box City State Zip
Contact person: ROBERT SAROZA Telephone: (305) 635-5144
Title: PRESIDENT rsaroza@worldwasteservices.com
E-Mail address (if available)
9. Authorized agent/Consultant: AMBRO, INC.
Mailing address: 13335 SW 124TH STREET #111 MIAMI FLORIDA 33186
Street or P.O. Box City State Zip
Contact person: EMILE P. AMEDEE, P.E. Telephone: (305) 234-7424
Title: CONSULTANT eamedeejr@ambroeng.com
E-Mail address (if available)
10. Landowner (if different than applicant): ROBERT SAROZA AND ROBERTO SAROZA
Mailing address: 4701 NW 35TH AVENUE, MIAMI, FLORIDA 33142
Street or P.O. Box City State Zip
Contact person: ROBERT SAROZA Telephone: (305) 635-5144
rsaroza@worldwasteservices.com
E-Mail address (if available)
11. Cities, towns and areas to be served: _____
MIAMI-DADE, BROWARD AND MONROE COUNTIES
12. Date site will be ready to be inspected for completion: N/A
13. Estimated costs:
Total Construction: \$ N/A Closing Costs: \$ _____
14. Anticipated construction starting and completion dates:
From: N/A To: N/A
15. Expected volume of waste to be received: 1,242 yds³/day _____ tons/day

16. Provide a brief description of the operations planned for this facility: BIG APPLE DEMOLITION REMOVAL, INC.

IS APPLYING TO RENEW THE EXISTING PERMIT TO CONTINUE
ITS OPERATION IN COMPLIANCE WITH THE RULES AND
CONDITIONS OF THE PERMIT.

B. ADDITIONAL INFORMATION

Please attach the following reports or documentation as required.

1. Provide a description of the operation of the facility that shall include (62-701.710(2)(a), F.A.C.):
 - a. The types of materials, i.e., wastes, recyclable materials or recovered materials, to be managed or processed;
 - b. The expected daily average and maximum weights or volumes of materials to be managed or processed;
 - c. How the materials will be managed or processed;
 - d. How the materials will flow through the facility including locations of the loading, unloading, sorting, processing and storage areas;
 - e. The types of equipment that will be used;
 - f. The maximum time materials will be stored at the facility;
 - g. The maximum amounts of wastes, recyclable materials, and recovered materials that will be stored at the facility at any one time; and
 - h. The expected disposition of materials after leaving the facility.
2. Attach a site plan, signed and sealed by a professional engineer registered under Chapter 471, F.S., with a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site (62-701.710(2)(b), F.A.C.).
3. Provide a boundary survey and legal description of the property (62-701.710(2)(c), F.A.C.).
4. Provide a construction plan, including engineering calculations, that describes how the applicant will comply with the design requirements of subsection 62-701.710(3), F.A.C. (62-701.710(2)(d), F.A.C.).
5. Provide an operation plan that describes how the applicant will comply with subsection 62-701.710(4), F.A.C. and the recordkeeping requirements of subsection 62-701.710(8), F.A.C. (62-701.710(2)(e), F.A.C.).
6. Provide a closure plan that describes how the applicant will comply with subsection 62-701.710(6), F.A.C. (62-701.710(2)(f), F.A.C.).
7. Provide a contingency plan that describes how the applicant will comply with subsection 62-701.320(16), F.A.C. (62-701.710(2)(g), F.A.C.).
8. Unless exempted by subparagraph 62-701.710(1)(d)1., F.A.C., provide the financial assurance documentation required by subsection 62-701.710(7), F.A.C. (62-701.710(2)(h), F.A.C.).
9. Provide a history and description of any enforcement actions by the applicant described in subsection 62-701.320(3), F.A.C. relating to solid waste management facilities in Florida. (62-701.710(2), F.A.C. and 62-701.320(7)(i), F.A.C.)
10. Provide documentation that the applicant either owns the property or has legal authorization from the property owner to use the site for a waste processing facility (62-701.710(2), F.A.C. and 62-701.320(7)(g), F.A.C.)

C. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of BIG APPLE DEMOLITION REMOVAL, INC.

is aware that statements made in this form and attached information are an application for a PERMIT

RENEWAL

Permit from the Florida Department of Environmental Protection and certifies that the information in this application is true, correct and complete to the best of his/her knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department. It is understood that the Permit is not transferable, and the Department will be notified prior to the sale or legal transfer of the permitted facility.


Signature of Applicant or Agent
ROBERT SAROZA / PRESIDENT
Name and Title (please type)
rsaroza@worldwasteservices.com
E-Mail address (if available)


4701 NW 35TH AVENUE
Mailing Address
MIAMI, FLORIDA, 33142
City, State, Zip Code
(305) 635-5144
Telephone Number

Date

Attach letter of authorization if agent is not a governmental official, owner, or corporate officer.

2. Professional Engineer registered in Florida (or Public Officer if authorized under Sections 403.707 and 403.7075, Florida Statutes):

This is to certify that the engineering features of this waste processing facility have been designed/examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated, will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions of proper maintenance and operation of the facility.


Signature
EMILE P. AMEDEE, P.E.
Name and Title (please type)
57955
Florida Registration Number
(please affix seal)

13263 SW 124TH STREET
Mailing Address
MIAMI, FLORIDA, 33186
City, State, Zip Code
eamedeejr@ambroeng.com
E-Mail address (if available)
(305) 234-7424
Telephone Number
8/12/2016
Date

ATTACHMENT 1



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form # 62-701.900(28), F.A.C.
Form Title: Closure Cost Estimating Form
For Solid Waste Facilities
Effective Date: January 6, 2010
Incorporated in Rule 62-701.630(3), F.A.C.

CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

Date of DEP Approval: _____

I. GENERAL INFORMATION:

Facility Name: Big Apple Recycling WACS ID: 59818
Permit Application or Consent Order No.: FDEP Permit # 0068888-007-SO Expiration Date: 09/15/2016
Facility Address: 3610 NW 50th Street, Miami, Miami-Dade, Florida
Permittee or Owner/Operator: Big Apple Demolition Removal, Inc.
Mailing Address: 3500 NW 51st Street, Miami, FL 33142

Latitude: 25 ° 49 ' 10N " Longitude: 80 ° 15 ' 19W "
Coordinate Method: _____ Datum: _____
Collected by: _____ Company/Affiliation: _____

Solid Waste Disposal Units Included in Estimate:

| Phase / Cell | Acres | Date Unit Began Accepting Waste | Active Life of Unit From Date of Initial Receipt of Waste | If active: Remaining life of unit | If closed: Date last waste received | If closed: Official date of closing |
|--------------|-------|---------------------------------|---|-----------------------------------|-------------------------------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Total disposal unit acreage included in this estimate: _____ Closure: _____ Long-Term Care: _____

Facility type: ☐ Class I ☐ Class III ☐ C&D Debris Disposal
(Check all that apply) ☒ Other: Material Recovery Facility

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

- ☐ Letter of Credit* ☐ Insurance Certificate ☐ Escrow Account
☒ Performance Bond* ☐ Financial Test ☐ Form 29 (FA Deferral)
☐ Guarantee Bond* ☐ Trust Fund Agreement

* - Indicates mechanisms that require the use of a Standby Trust Fund Agreement

Northwest District
160 Government Center
Pensacola, FL 32502-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. B200
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky.
Tempe Terrace, FL 33637
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
239-332-6975

Southeast District
400 N. Congress Ave., Ste. 200
West Palm Beach, FL 33401
561-681-6600

III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code, (F.A.C.) sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

☐ (a) Inflation Factor Adjustment

☒ (b) Recalculated or New Cost Estimates

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste website www.dep.state.fl.us/waste/categories/swfr or call the Financial Coordinator at (850) 245-8706.

This adjustment is based on the Department approved closing cost estimate dated: _____

Latest Department Approved
Closing Cost Estimate:

Current Year Inflation
Factor, e.g. 1.02

Inflation Adjusted Closing
Cost Estimate:

x

=

This adjustment is based on the Department approved long-term care cost estimate dated: _____

Latest Department Approved
Annual Long-Term Care
Cost Estimate:

Current Year Inflation
Factor, e.g. 1.02

Inflation Adjusted Annual
Long-Term Care Cost
Estimate:

x

=

Number of Years of Long Term Care Remaining:

x

Inflation Adjusted Long-Term Care Cost Estimate:

=

Signature by: ☐ Owner/Operator

☒ Engineer

(check what applies)


Signature

13335 SW 124th Street - Suite 111

Address

Emile P. Amedee, P.E. - Engineering Consultant

Name & Title

Miami, Florida 33186

City, State, Zip Code

05/03/2016

Date

eamedeejr@ambroeng.com

E-Mail Address

(305) 234 - 7424

Telephone Number

IV. ESTIMATED CLOSING COST (check what applies)

☒ Recalculated Cost Estimate☐ **New Facility Cost Estimate**

Notes: 1. Cost estimates for the time period when the extent and manner of landfill operation makes closing most exp

2. Cost estimate must be certified by a professional engineer.

3. Cost estimates based on third party suppliers of material, equipment and labor at fair market value.

4. In some cases, a price quote in support of individual item estimates may be required.

| Description | Unit | Number of Units | Cost / Unit | Total Cost |
|--|-------|---|-------------|------------|
| 1. Proposed Monitoring Wells (Do not include wells already in existence.) | | | | |
| | EA | _____ | _____ | _____ |
| | | Subtotal Proposed Monitoring Wells: _____ | | |
| 2. Slope and Fill (bedding layer between waste and barrier layer): | | | | |
| Excavation | CY | _____ | _____ | _____ |
| Placement and Spreading | CY | _____ | _____ | _____ |
| Compaction | CY | _____ | _____ | _____ |
| Off-Site Material | CY | _____ | _____ | _____ |
| Delivery | CY | _____ | _____ | _____ |
| | | Subtotal Slope and Fill: _____ | | |
| 3. Cover Material (Barrier Layer): | | | | |
| Off-Site Clay | CY | _____ | _____ | _____ |
| Synthetics - 40 mil | SY | _____ | _____ | _____ |
| Synthetics - GCL | SY | _____ | _____ | _____ |
| Synthetics - Geonet | SY | _____ | _____ | _____ |
| Synthetics - Other (explain) _____ | _____ | _____ | _____ | _____ |
| | | Subtotal Cover Material: _____ | | |
| 4. Top Soil Cover: | | | | |
| Off-Site Material | CY | _____ | _____ | _____ |
| Delivery | CY | _____ | _____ | _____ |
| Spread | CY | _____ | _____ | _____ |
| | | Subtotal Top Soil Cover: _____ | | |
| 5. Vegetative Layer | | | | |
| Sodding | SY | _____ | _____ | _____ |
| Hydroseeding | AC | _____ | _____ | _____ |
| Fertilizer | AC | _____ | _____ | _____ |
| Mulch | AC | _____ | _____ | _____ |
| Other (explain) _____ | _____ | _____ | _____ | _____ |
| | | Subtotal Vegetative Layer: _____ | | |
| 6. Stormwater Control System: | | | | |
| Earthwork | CY | _____ | _____ | _____ |
| Grading | SY | _____ | _____ | _____ |
| Piping | LF | _____ | _____ | _____ |
| Ditches | LF | _____ | _____ | _____ |
| Berms | LF | _____ | _____ | _____ |
| Control Structures | EA | _____ | _____ | _____ |
| Other (explain) _____ | _____ | _____ | _____ | _____ |
| | | Subtotal Stormwater Control System: _____ | | |

| Description | Unit | Number of Units | Cost / Unit | Total Cost |
|--|-------|-----------------|-------------|-------------|
| 7. Passive Gas Control: | | | | |
| Wells | EA | _____ | _____ | _____ |
| Pipe and Fittings | LF | _____ | _____ | _____ |
| Monitoring Probes | EA | _____ | _____ | _____ |
| NSPS/Title V requirements | LS | 1 | _____ | _____ |
| Subtotal Passive Gas Control: | | | | _____ |
| 8. Active Gas Extraction Control: | | | | |
| Traps | EA | _____ | _____ | _____ |
| Sumps | EA | _____ | _____ | _____ |
| Flare Assembly | EA | _____ | _____ | _____ |
| Flame Arrestor | EA | _____ | _____ | _____ |
| Mist Eliminator | EA | _____ | _____ | _____ |
| Flow Meter | EA | _____ | _____ | _____ |
| Blowers | EA | _____ | _____ | _____ |
| Collection System | LF | _____ | _____ | _____ |
| Other (explain) _____ | _____ | _____ | _____ | _____ |
| Subtotal Active Gas Extraction Control: | | | | _____ |
| 9. Security System: | | | | |
| Fencing | LF | _____ | _____ | _____ |
| Gate(s) | EA | 2 | \$1,250.00 | \$2,500.00 |
| Sign(s) | EA | _____ | _____ | _____ |
| Subtotal Security System: | | | | \$2,500.00 |
| 10. Engineering: | | | | |
| Closure Plan Report | LS | 1 | \$5,000.00 | \$5,000.00 |
| Certified Engineering Drawings | LS | 1 | \$1,000.00 | \$1,000.00 |
| NSPS/Title V Air Permit | LS | 1 | _____ | _____ |
| Final Survey | LS | 1 | \$500.00 | \$500.00 |
| Certification of Closure | LS | 1 | \$5,000.00 | \$5,000.00 |
| Other (explain) _____ | _____ | _____ | _____ | _____ |
| Subtotal Engineering: | | | | \$11,500.00 |

| Description | Hours | Cost / Hour | Hours | Cost / Hour | Total Cost |
|----------------------------------|----------------------------|-------------|--------------------------|-------------|------------|
| 11. Professional Services | | | | | |
| | <u>Contract Management</u> | | <u>Quality Assurance</u> | | |
| P.E. Supervisor | _____ | _____ | _____ | _____ | _____ |
| On-Site Engineer | _____ | _____ | _____ | _____ | _____ |
| Office Engineer | _____ | _____ | _____ | _____ | _____ |
| On-Site Technician | _____ | _____ | _____ | _____ | _____ |
| Other (explain) _____ | _____ | _____ | _____ | _____ | _____ |

| Description | Unit | Number of Units | Cost / Unit | Total Cost |
|---------------------------------|------|-----------------|-------------|-------------|
| Quality Assurance Testing | LS | 1 | \$22,615.00 | \$22,615.00 |
| Subtotal Professional Services: | | | | \$22,615.00 |

Subtotal of 1-11 Above: \$36,615.00

12. Contingency 15 % of Subtotal of 1-11 Above \$5,492.25

Subtotal Contingency: \$5,492.25

Estimated Closing Cost Subtotal: \$42,107.25

| Description | Total Cost |
|---|--|
| 13. Site Specific Costs | |
| Mobilization | <u>\$1,000.00</u> |
| Waste Tire Facility | <u></u> |
| Materials Recovery Facility | <u>\$17,050.80</u> |
| Special Wastes | <u></u> |
| Leachate Management System Modification | <u></u> |
| Other (explain) <u></u> | <u></u> |
| | Subtotal Site Specific Costs: <u>\$18,050.80</u> |

TOTAL ESTIMATED CLOSING COSTS (\$): \$60,158.05

V. ANNUAL COST FOR LONG-TERM CARE

See 62-701.600(1)a.1., 62-701.620(1), 62-701.630(3)a. and 62-701.730(11)b. F.A.C. for required term length. For landfills certified closed and Department accepted, enter the remaining long-term care length as "Other" and provide years remaining.

(Check Term Length) ☐ 5 Years ☐ 20 Years ☐ 30 Years ☐ Other, ___ Years

Notes: 1. Cost estimates must be certified by a professional engineer.

2. Cost estimates based on third party suppliers of material, equipment and labor at fair market value.

3. In some cases, a price quote in support of individual item estimates may be required.

All items must be addressed. Attach a detailed explanation for all entries left blank.

| Description | Sampling Frequency (Events / Year) | Number of Wells | (Cost / Well) / Event | Annual Cost |
|--|---------------------------------------|-----------------|-----------------------|-------------|
| 1. Groundwater Monitoring [62-701.510(6), and (8)(a)] | | | | |
| Monthly | 12 | _____ | _____ | _____ |
| Quarterly | 4 | _____ | _____ | _____ |
| Semi-Annually | 2 | 3 _____ | _____ | _____ |
| Annually | 1 | _____ | _____ | _____ |
| Subtotal Groundwater Monitoring: | | | | _____ |
| 2. Surface Water Monitoring [62-701.510(4), and (8)(b)] | | | | |
| Monthly | 12 | _____ | _____ | _____ |
| Quarterly | 4 | _____ | _____ | _____ |
| Semi-Annually | 2 | _____ | _____ | _____ |
| Annually | 1 | _____ | _____ | _____ |
| Subtotal Surface Water Monitoring: | | | | _____ |
| 3. Gas Monitoring [62-701.400(10)] | | | | |
| Monthly | 12 | _____ | _____ | _____ |
| Quarterly | 4 | _____ | _____ | _____ |
| Semi-Annually | 2 | _____ | _____ | _____ |
| Annually | 1 | _____ | _____ | _____ |
| Subtotal Gas Monitoring: | | | | _____ |
| 4. Leachate Monitoring [62-701.510(5), (6)(b) and 62-701.510(8)c] | | | | |
| Monthly | 12 | _____ | _____ | _____ |
| Quarterly | 4 | _____ | _____ | _____ |
| Semi-Annually | 2 | _____ | _____ | _____ |
| Annually | 1 | _____ | _____ | _____ |
| Other (explain) _____ | _____ | _____ | _____ | _____ |
| Subtotal Leachate Monitoring: | | | | _____ |

| Description | Unit | Number of Units / Year | Cost / Unit | Annual Cost |
|---|------|------------------------|-------------|-------------|
| 5. Leachate Collection/Treatment Systems Maintenance | | | | |
| <u>Maintenance</u> | | | | |
| Collection Pipes | LF | _____ | _____ | _____ |
| Sumps, Traps | EA | _____ | _____ | _____ |
| Lift Stations | EA | _____ | _____ | _____ |
| Cleaning | LS | 1 _____ | _____ | _____ |
| Tanks | EA | _____ | _____ | _____ |

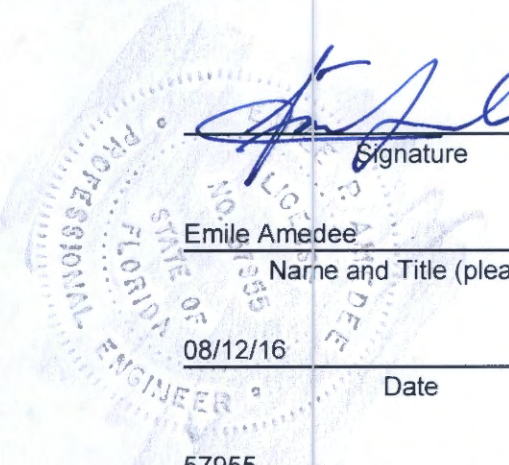
| Description | Unit | Number of Units / Year | Cost / Unit | Annual Cost |
|--|-------------|---------------------------|-------------|-------------|
| 5. (continued) | | | | |
| <u>Impoundments</u> | | | | |
| Liner Repair | SY | _____ | _____ | _____ |
| Sludge Removal | CY | _____ | _____ | _____ |
| <u>Aeration Systems</u> | | | | |
| Floating Aerators | EA | _____ | _____ | _____ |
| Spray Aerators | EA | _____ | _____ | _____ |
| <u>Disposal</u> | | | | |
| Off-site (Includes transportation and disposal) | 1000 gallon | _____ | _____ | _____ |
| Subtotal Leachate Collection / Treatment Systems Maintenance: | | | | _____ |
| 6. Groundwater Monitoring Well Maintenance | | | | |
| Monitoring Wells | LF | _____ | _____ | _____ |
| Replacement | EA | _____ | _____ | _____ |
| Abandonment | EA | _____ | _____ | _____ |
| Subtotal Groundwater Monitoring Well Maintenance: | | | | _____ |
| 7. Gas System Maintenance | | | | |
| Piping, Vents | LF | _____ | _____ | _____ |
| Blowers | EA | _____ | _____ | _____ |
| Flaring Units | EA | _____ | _____ | _____ |
| Meters, Valves | EA | _____ | _____ | _____ |
| Compressors | EA | _____ | _____ | _____ |
| Flame Arrestors | EA | _____ | _____ | _____ |
| Operation | LS | <u>1</u> | _____ | _____ |
| Subtotal Gas System Maintenance: | | | | _____ |
| 8. Landscape Maintenance | | | | |
| Mowing | AC | _____ | _____ | _____ |
| Fertilizer | AC | _____ | _____ | _____ |
| Subtotal Landscape Maintenance: | | | | _____ |
| 9. Erosion Control and Cover Maintenance | | | | |
| Sodding | SY | _____ | _____ | _____ |
| Regrading | AC | _____ | _____ | _____ |
| Liner Repair | SY | _____ | _____ | _____ |
| Clay | CY | _____ | _____ | _____ |
| Subtotal Erosion Control and Cover Maintenance: | | | | _____ |
| 10. Storm Water Management System Maintenance | | | | |
| Conveyance Maintenance | LS | <u>1</u> | _____ | _____ |
| Subtotal Storm Water Management System Maintenance: | | | | _____ |
| 11. Security System Maintenance | | | | |
| Fences | LS | <u>1</u> | _____ | _____ |
| Gate(s) | EA | _____ | _____ | _____ |
| Sign(s) | EA | _____ | _____ | _____ |
| Subtotal Security System Maintenance: | | | | _____ |

| Description | Unit | Number of Units / Year | Cost / Unit | Annual Cost |
|--|------|-----------------------------|---|-------------|
| 12. Utilities | LS | 1 | | |
| | | | Subtotal Utilities: | |
| 13. Leachate Collection/Treatment Systems Operation | | | | |
| <u>Operation</u> | | | | |
| P.E. Supervisor | HR | | | |
| On-Site Engineer | HR | | | |
| Office Engineer | HR | | | |
| OnSite Technician | HR | | | |
| Materials | LS | 1 | | |
| | | | Subtotal Leachate Collection/Treatment Systems Operation: | |
| 14. Administrative | | | | |
| P.E. Supervisor | HR | | | |
| On-Site Engineer | HR | | | |
| Office Engineer | HR | | | |
| OnSite Technician | HR | | | |
| Other _____ | | | | |
| | | | Subtotal Administrative: | |
| | | | Subtotal of 1-14 Above: | |
| 15. Contingency | | % of Subtotal of 1-14 Above | | |
| | | | Subtotal Contingency: | |

| Description | Unit | Number of Units / Year | Cost / Unit | Annual Cost |
|--|------|---------------------------|-------------------------------|-------------|
| 16. Site Specific Costs | | | | |
| | | | | |
| | | | | |
| | | | Subtotal Site Specific Costs: | |
| ANNUAL LONG-TERM CARE COST (\$ / YEAR): | | | | |
| Number of Years of Long-Term Care: | | | | |
| TOTAL LONG-TERM CARE COST (\$): | | | | |

VI. CERTIFICATION BY ENGINEER

This is to certify that the Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and/or long-term care of the facility and comply with the requirements of Rule 62-701.630 F.A.C. and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.




Signature

Emile Amedee
Name and Title (please type)

08/12/16
Date

57955
Florida Registration Number
(please affix seal)

13335 SW 124 Street
Mailing Address

Miami, FL, 33186
City, State, Zip Code

eamedeejr@ambroeng.com
E-Mail address (if available)

3052347424
Telephone Number

VII. SIGNATURE BY OWNER/OPERATOR


Signature of Applicant

Robert Saroza
Name and Title (please type)

rsaroza@worldwasteservices.com
E-Mail address (if available)

4701 NW 35th Avenue
Mailing Address

Miami, FL, 33142
City, State, Zip Code

3056355144
Telephone Number

ATTACHMENT 2

OPERATION AND MAINTENANCE MANUAL

BIG APPLE RECYCLING

3610 NW 50TH STREET, MIAMI-DADE COUNTY, FLORIDA 33142

PREPARED BY:



**13335 SW 124TH STREET, SUITE 111
MIAMI, FLORIDA 33186**

Revision Date: 7/21/16

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| ITEM | DESCRIPTION |
|-------------|-----------------------------|
| A. | INTRODUCTION |
| B. | PROCESSING PROCEDURE |
| C. | SAFETY MEASURES |
| D. | MAINTENANCE |
| E. | CONTINGENCY PLAN |
| F. | RECORDKEEPING |
| G. | TRAINING PLAN |

A. INTRODUCTION

Big Apple Demolition Removal, Inc. is proposing to continue to operate a construction and demolition debris (C & D) Material recovery facility (MRF) at the site located in 3610 NW 50th Street in Miami-Dade County, Florida. The facility will continue doing business as Big Apple Recycling. This Operation and Maintenance Plan was prepared in accordance with Section 62-701.710(4) of the Florida Administrative Code (FAC) for submittal to the Florida Department of Environmental Protection (FDEP). This plan addresses operational elements of the C & D MRF and shall be kept at the site at all times.

B. PROCESSING PROCEDURE

The facility will only accept construction and demolition (C&D) debris. The material that will be received at the facility includes, glass, plastics, wood, cardboard, asphalt, asphaltic concrete, concrete, tiles, roofing materials, dirt, vegetation and metals. Material is primarily brought in by World Waste Recycling and various third party haulers. If the facility has reached its permitted capacity for storage of wastes or recyclable materials, the facility will not accept additional waste until sufficient capacity has been restored. Incoming material will be visually inspected upon entering the site. Any material that is found unacceptable will not be given access to the facility. Any putrescible wastes found in the materials will be separated and disposed of within 48 hours. The acceptable material will proceed to the concrete tipping slab where it will be unloaded and inspected again. The waste material will be spread with a loader and by hand to separate the recyclable materials from the waste. Sorting will take place on a concrete slab and will consist of removing unacceptable material and recyclable material such as cardboard metals and wood with loaders, backhoes and by hand. Based on previous operations at this site with similar equipment and method of loading, unloading and sorting the facility will handle the stated capacity of 1,242 cubic-yard per day.

There is an existing loading ramp onsite that will be used to load the outgoing materials to be transported to approved disposal facilities. The unacceptable material will be placed in containers and disposed

of at approved disposal sites. The wood, metal and cardboard will be transported via loaders and backhoes to containers or stand by trucks in the loading ramp for marketing to recycling companies. Concrete rubbles sorted out of the waste stream will be temporarily stockpiled and disposed of in approved lakefill sites. Other C & D material will be temporarily stockpiled to be loaded onto trucks/containers by loader to be disposed of in approved landfill.

An operator shall be on duty at the tipping slab to inspect incoming waste at all times waste is being accepted. The operator will inspect the load at the working face and ensure that the waste materials are disposed of in the proper containers. The manager is responsible for the overall day to day operations which include verifying the completion and submittal of yardage tickets, completion of unacceptable waste screening forms, maintenance of daily log of incoming C & D debris, record keeping. Odor problems are not anticipated due to the nature of the waste accepted at the facility. The facility will be operated to control objectionable odors in accordance with Rule 62-296.320 (2), F.A.C.

Unmarketable recyclable material will be disposed of at authorized disposal facilities. Receipts of the disposal will be kept in the facility's record. Refer to site plan for location of loading, unloading and processing areas.

The facility will have the capacity to store materials as follows:

- 273 cubic yard sorting and tipping area.
- Up to 290 cubic yards of storage for sorted C & D and unprocessed.
- Up to 363 cubic yards of storage for sorted Clean Wood
- Up to 183 cubic yards of storage for sorted Metals
- Up to 183 cubic yards of storage for sorted Land Clearing
- Up to 183 cubic yards of storage for sorted Concrete

Additionally there are four 20 cubic yard containers for additional storage of sorted wood, cardboard, metals, and non-landfill materials. The facility will use a 40 cubic yard container for the storage of sorted unacceptable materials.

Operating hours are:

Monday through Friday – 7:00 A.M. to 5:00 P.M. and
Saturday – 7:00 A.M. to 3:00 P.M.

Facility management includes the following individuals:

| | |
|------------|---|
| Manager: | Robert Saroza |
| Operators: | Melissa Rodriguez Rolando Sanchez Philip Nittolo Eileen Damaso |
| Spotter: | Roberto Saroza |

Equipment Startup

6:30 A.M. Mechanic and equipment operators arrive and inspect all machinery to ensure that is in good working order. If any machinery is found to need mechanical attention/maintenance, the mechanic will address such needs.

Facility Shutdown

5:00 P.M. All equipment is shut down and allowed to cool before site lockout. The cooling process takes about 1 to 1-1/2 hours. The Plant Supervisor conducts a walk-through of the facility to confirm that all shutdown procedures have been implemented. Once satisfied, all gates are locked.

C. SAFETY MEASURES

Personnel safety shall be the main concern while operating. Entire staff shall reach a common understanding of all safety measures. Potential safety hazards in the operation include fire injuries due to accidents, contact with toxic or hazardous materials and contamination of the environment. To prevent these hazards, all personnel shall be instructed in safety measures to prevent accidents. They will also be instructed on how to react to each emergency. An OSHA manual will be maintained at the construction trailer for access to all employees to revise safety measures. Also available at the site and on major equipment, there shall be a first aid kit and a fire extinguisher. Protective gears including goggles, hardhat and construction boots must be worn at all time around processing areas. Only authorized personnel shall be allowed in the facility. Operators shall maneuver cautiously since pedestrian will be working on the floor throughout the facility.

D. MAINTENANCE

A thorough inspection of the equipments and the site shall be conducted twice a day before and after the operation. No material shall be left on top off the slab unprocessed at the end of the day. Good housekeeping measures shall be observed at all time. To control dust emission in dry season water mist shall be installed in traffic areas throughout facility. Fuels, solvents, lubricants, and other maintenance materials shall be stored in secure areas separate from the disposal and sorting areas.

E. CONTINGENCY PLAN

In compliance with 62-701.320(16), The Owner, as well as the facility operator on site, will be responsible for implementation of the

following contingency plan. The contingency plan will be kept on site and be accessible to facility operators.

In case of any emergency, RER's 24-hour emergency response line (305-372-6955) will be contacted and informed of the situation. Should the situation cause inability to process materials due to lack of containers, prolonged equipment breakdown, lack of processing space, or similar, the management of the facility shall find an alternate Material Recovery Facility and/or landfill facility for the customers' full loads. In times when processing is not available, temporary storage will be provided for customers full containers. The volume for storage shall not exceed the amount accounted for in the facility's financial assurance. The amount of containers stored shall not be such that it becomes a hazard.

If any regulated hazardous wastes are discovered to be improperly deposited at the facility, the facility operator shall promptly notify the Department, the person responsible for shipping the wastes to the facility, and the generator of the wastes, if known. If the generator or hauler cannot be identified, the facility operator shall assure the cleanup, transportation, and disposal of the waste at a permitted hazardous waste management facility. If the facility has reached its permitted capacity for storage of wastes or recyclable materials, the permittee shall not accept additional waste for processing until sufficient capacity has been restored. The owner / operator of the facility shall control public access to prevent illegal dumping and unauthorized vehicular traffic.

In case of fire, every construction vehicle on-site is equipped with a fire extinguisher, with usage instructions attached. Trained personnel will attempt to immediately extinguish or control the fire. If the fire cannot be extinguished or controlled within an hour, the nearest fire department is to be notified immediately (Hialeah Fire Department). Additionally, the facility will cease accepting waste for disposal in the area affected by the fire until the matter is resolved. Local government and any neighboring properties that could be affected will also be informed.

F. RECORD KEEPING

Good housekeeping measures will be enforced at this facility. As per Rule 62-701-710(8), operational record shall be maintained to include a daily log of the quantity of the solid waste received, processed, stored, and removed from the site and the county of origin of the waste, if known. These records shall include each type of solid waste, recovered materials, residuals, and unacceptable waste, which is processed, recycled and disposed. Such record shall be compiled on a monthly basis and shall be available for inspection by the Department. Records shall be retained at the facility for a period of three years.

The owner or operator of any facility which recycles construction and demolition debris shall submit an annual report to the Department on Form 62-701.900(7), Annual Report for a Construction and Demolition Debris Facility. This report shall include a summary of the amounts and types of wastes disposed of or recycled. The county of origin of materials which are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than February 1 of each year, and shall cover the preceding calendar year.

G. TRAINING PLAN

The facility will verify that operators and spotters working at their site are properly trained in accordance with Rules 62-701.320(15), F.A.C., 62-701.710(4)(c) and 62-701.730(8), F.A.C. A trained operator shall be on duty whenever the facility is operating. Operating hours shall be posted at the facility. At least one trained spotter shall be on duty at all times that waste is received at the site to inspect the incoming waste. Any prohibited material shall be removed from the waste stream and placed into appropriate containers for disposal at a permitted facility in accordance with a schedule submitted as part of

the operation plan. The duties of an operator or spotter will only be performed by a trained operator or trained spotter, or an interim operator or interim spotter as defined in Rules 62-701.320(15)(f) thru (i). The owners and operators of the facility will ensure that operators employed at the facility are properly trained to operate the facility, and that spotters are properly trained to identify and properly manage any hazardous or prohibited materials which are received at the facility.

Initial training for operators and spotters will be performed at the Department approved training facility such as UF TREEO Center. The operator and spotter continued training courses will be performed every three years thereafter to conform to the requirements of the Department.

ATTACHMENT 3

FACILITY CLOSURE PLAN

BIG APPLE RECYCLING

3610 NW 50TH STREET, MIAMI-DADE COUNTY, FLORIDA 33142

PREPARED BY:



**13335 SW 124TH STREET
MIAMI, FLORIDA 33186**

Revision Date: 7/21/16

CLOSURE PLAN

The Owner will notify the Department in writing prior to ceasing operation and will specify the anticipated closing date. The owner or operator of the facility will submit an updated closure plan to the Department 90 days prior to the closing date, after which waste will no longer be accepted at the facility. Within 30 days of receiving the final waste shipment, the owner or operator shall remove or dispose of all solid waste or residue in accordance with the approved closure plan. Closure will include the removal of all recovered materials from the site. Throughout the closure process, the facility will continue to manage any incoming putrescible wastes by separating and disposing of them within 48 hours. The updated closure plan will reflect actual operational conditions at the facility at the time of closure. At the time of completion, the owner will provide the Department with a written certification of closure. The entire closing procedure shall not exceed 180 days from the date that the site receives the final solid waste shipment.

ATTACHMENT 4

Absolute Civil Engineering Solutions, LLC

ENGINEERING TESTING-ENGINEERING INSPECTION SERVICES-GEOTECHNICAL-ENVIRONMENTAL SERVICES

July 27, 2016

Ambro Inc.
13335 SW 124 Street
Suite 111, Miami, FL 33186

Attn: Mr. Patrick Hernandez

Subject: Proposal to Provide Contamination Evaluation Services
Folio #'s 30-3121-034-2060, 30-3121-034-2070 & 30-3121-034-1990
3610 NW 50th Street, Miami, Florida, 33124

Dear Mr. Hernandez:

Absolute Civil Engineering Solutions, LLC (ACES) appreciates the opportunity to submit this proposal to provide Contamination Evaluation Services for the above referenced project. The outlined scope of work is designed as progressive steps in providing contamination evaluation services for the subject property.

PROJECT INFORMATION & PROPOSED SERVICES

Based on the information provided to us, it is our understanding that the site located at 3610 NW 50th Street, Miami, operates a Construction and Demolition Material Recovery Facility. As a condition of its operating permit renewal, the facility owners are required to comply with Florida Administrative Code (F.A.C.) 62-701(1)(d)2, which stipulates that *"A facility that operates without a leachate control system shall perform a contamination evaluation as part of its closure activities, and shall continue to operate the water quality monitoring system if the evaluation indicates the potential for ground water contamination potential contamination"*. As a first step (Set 1) in the evaluation process, ACES proposes to review all documents and previous soil and groundwater testing on the subject property and use this information to inform the next steps. Once approved, it is our opinion that the proposed course of action (Step 2) will involve, the advancing soil borings (approximately 8) and collecting soil samples at two (2') intervals. The soil samples will be analyzed for 14 RCRA metals ((Ar, Al, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Se, Ag, Zn) (Total and TCLP), VOA/VOH by EPA Method 8260, PAH by EPA Method 8270 and TRPH by FL-PRO. Groundwater samples will be taken from the existing three (3) on-site wells and analyzed for 14 RCRA metals ((Ar, Al, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Se, Ag, Zn) (Total and TCLP), VOA/VOH by EPA Method 8260, PAH by EPA Method 8270 and TRPH by FL-PRO Step three (3) would involve analysis of the analytical data and the preparation of a report of the findings with recommendations for further actions if necessary.

COMPENSATION

The fees for our services will be based on the time and materials expended, and invoiced monthly in

4121 SW 47th Avenue Suite 1319, Davie Florida 33314. Phone 954-232-5680 Fax 866-283-9007

accordance with the unit rates detailed herein:

SUMMARY OF FEES:**STEP 1**

Document review, site visit and 20 Hrs @ 100.00/hr..... \$ 2,000.00

ESTIMATED FEES FOR STEP 1 **\$ 2,000.00**

STEP 2: Fieldwork & Laboratory Testing

OVA Rental – Estimated 1 day @ \$350.00/day..... \$ 350.00

Estimated three (3) groundwater samples for \$580/sample..... \$ 1,740.00

Estimated eight (8) soil borings with approximately 16 samples for \$650/sample..... \$ 10,400.00

Laboratory/Equipment Subtotal..... \$ 12,490.00

Personnel

Field Technician – estimated 10 hrs. @ \$65.00/hr.

Engineer – estimated 40 hrs. @ \$100.00/hr.

Prof. Review – estimated 5 hrs. @ \$120.00/hr.

Clerical Support – estimated 25 hrs. @ \$35.00/hr.

Personnel Subtotal **\$ 6,125.00**

ESTIMATED FEES FOR STEP 2 **\$ 18,615.00**

STEP 3: Report Preparation

Preparation of Final Report \$ 2,000.00

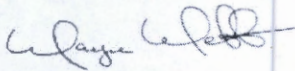
ESTIMATED FEES FOR STEP 3 **\$ 2,000.00**

TOTAL ESTIMATED FEES STEPS 1 THRU 3 **\$22,615.00**

It should also be understood that the estimated fees provided above are based on preliminary document review and discussion regarding the subject property. The fees for our services will be based on the time and materials expended, and invoiced monthly in accordance with the unit rates detailed and outlined above and our schedule of fees attached with this proposal.

Please acknowledge your acceptance of this proposal by signing below and returning a copy of this letter to my attention along with a \$5,000.00 retainer. We would like to thank you for considering ACES for your professional service needs and we look forward to being of service.

Respectfully submitted,
Absolute Civil Engineering Solutions, LLC



Wayne Webb, P.E.
Vice President

| |
|---|
| Understood, Accepted, & Agreed |
| Signature: |
| Name: |
| Date: |

SCHEDULE OF FEES

Personnel

Field Technician @ \$65.00/hr.
Staff Engineer @ \$100.00/hr.
Prof. Engineer @ \$120.00/hr.
Clerical Support @ \$35.00/hr.

Drilling

Mobilization cost \$350.00
Shallow monitoring wells @ \$750.00/well (wells will be installed only in the event of existing wells being inaccessible and/or destroyed)
Intermediate monitoring wells (25') @ \$850.00/well
Deep monitoring wells (35') @ \$1,500.00/well
Split-spoon or hand auger soil borings @ \$250.00/boring
Concrete Cores (8") @ \$85.00/core
Asphalt patch @ \$35.00 each
Drums if needed @ \$70.00 each
Well permit – Miami-Dade County @ \$150.00

Laboratory Analysis/Equipment

OVA Rental – Estimated 1 day @ \$350.00/day
Groundwater samples for the required parameters \$580/sample
Soil samples for the required parameters \$650/sample

It should also be understood that the estimated fees provided above are based on document review and discussion regarding the subject property. The fees for additional services will be based on the time and materials expended, and invoiced in accordance with the unit rates detailed above.

ATTACHMENT 5

1-866-JUNK-BE-GONE

7925 NW 12th St. Doral, Fla. 33126

Ph: (305) 634-2749

Fax: (305) 634-0220

BUSINESS

NAME: BIG APPLE RECYCLING
LOCATION: 3610 NW 50th STREET
MIAMI, FLORIDA, 33142
COST ESTIMATE FOR CORRECTIVE
SUBJECT: ACTION

ESTIMATE FOR LOADING AND DISPOSAL OF 1200 CUBIC YARDS OF WASTE

BUSINESS NAME: BIG APPLE RECYCLING
LOCATION: 3610 NW 50th STREET
MIAMI, FLORIDA, 33142
SUBJECT: COST ESTIMATE FOR CORRECTIVE ACTION

Equipment to be used: Front end loader and operator at \$160.00/hr.
Operating hours: 10 hours per day
Total Cubic Yards of waste onsite (including containers): 1242 yd³
Stockpile for 1 day: 1242 yd³ x 1 day = 1242 yd³
Loaded cost per Cubic Yard of material: \$160.00/ hr x 10 hrs daily = \$ 1,600.00 per day

LOADING AND DISPOSAL WITH TRANSPORTATION

C&D LANDFILL (including concrete rubble)
ALUMINIUM and METAL to be sold
UNACCEPTABLE MATERIAL
TOTAL VOLUME

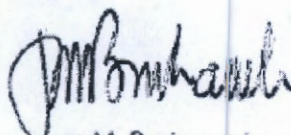
| UNIT COST/yd ³ | QUANTITY of yd ³ | COST |
|---------------------------|-----------------------------|--------------|
| \$ 11.00 | 1,019.00 | \$ 11,209.00 |
| \$ - | 183.00 | \$ - |
| \$ 35.00 | 40.00 | \$ 1,400.00 |
| | 1,242.00 | |

DISPOSAL COST \$ 12,609.00

LOADING & DISPOSAL COST \$ 1,600.00

20% Overhead and Profit \$ 2,841.80

TOTAL \$ 17,050.80

 8/11/2016

Jorge M. Bustamante
1-866-Junk-be-Gone
7925 NW 12th St. #130
Doral, Fl. 33126
August 11, 2016

BIG APPLE RECYCLING
C & D MATERIAL RECOVERY FACILITY
3610 NW 50th STREET, MIAMI FL. 33142
SEC 21 TWP 53 RGE 41
SOLID WASTE PERMIT RENEWAL APPLICATION

LEGAL DESCRIPTION

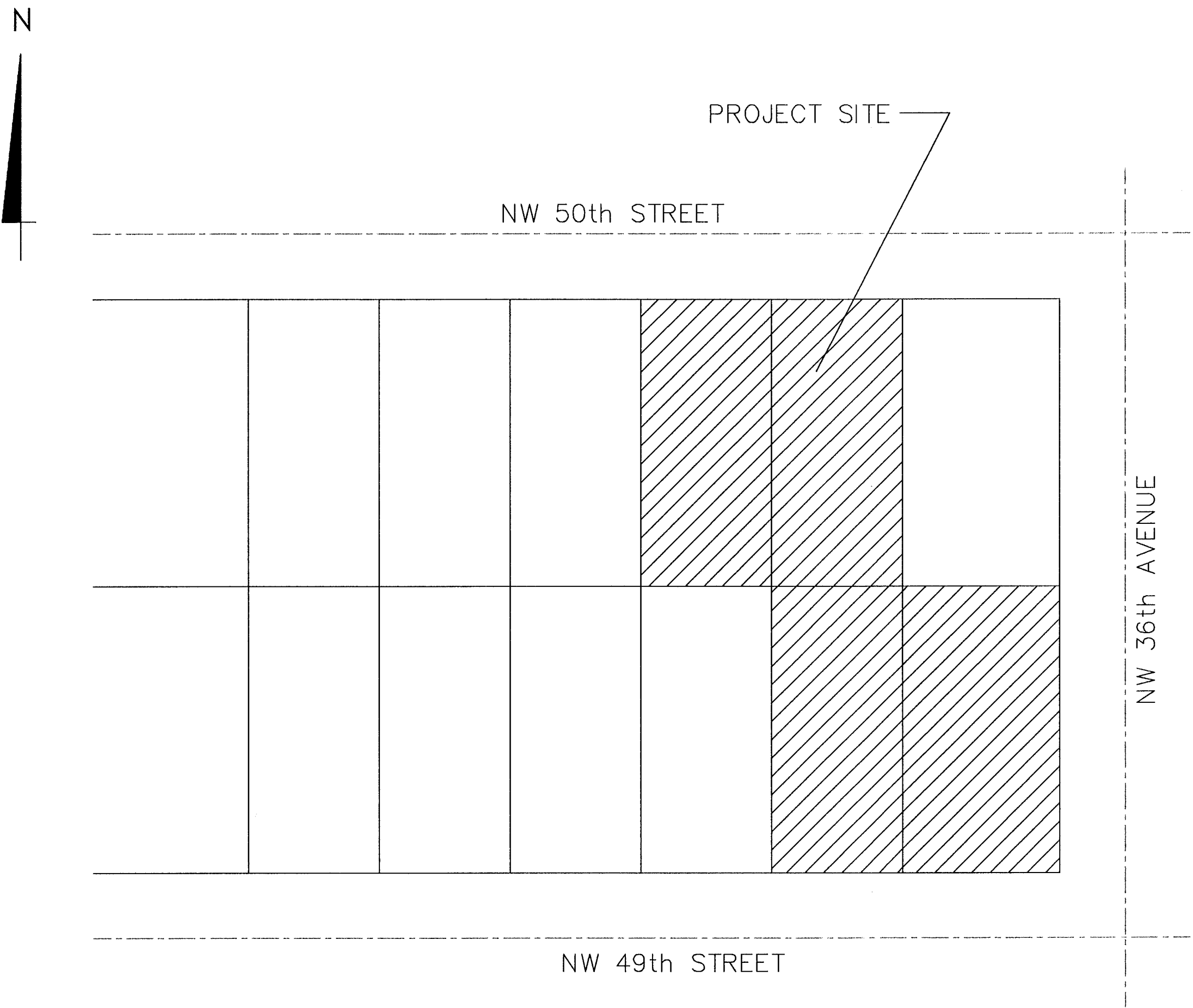
LOTS 2, 3, 11 AND 12, IN BLOCK 18 OF "SEMINOLE LAWN",
ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 16,
AT PAGE 4 OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY,
FLORIDA

LEGEND

- EXISTING MONITORING WELL LOCATION
- EXISTING ELEVATION
- EXISTING CATCH BASIN
- PROPERTY LINE
- CENTER LINE
- EXISTING POWER POLE AND OVERHEAD ELECTRIC LINES
- DRAINAGE FLOW PATTERN

INDEX OF SHEETS

- SHEET 1 COVER SHEET
- SHEET 2 SITE PLAN AND DETAILS



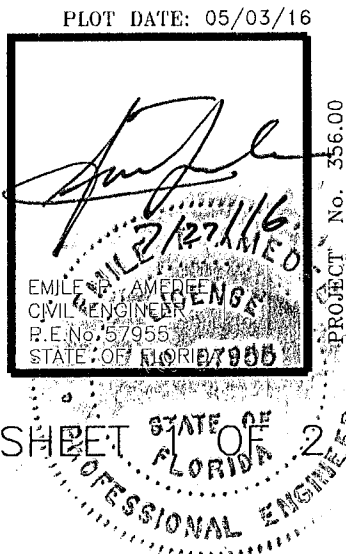
LOCATION MAP
SCALE: 1" = 50'

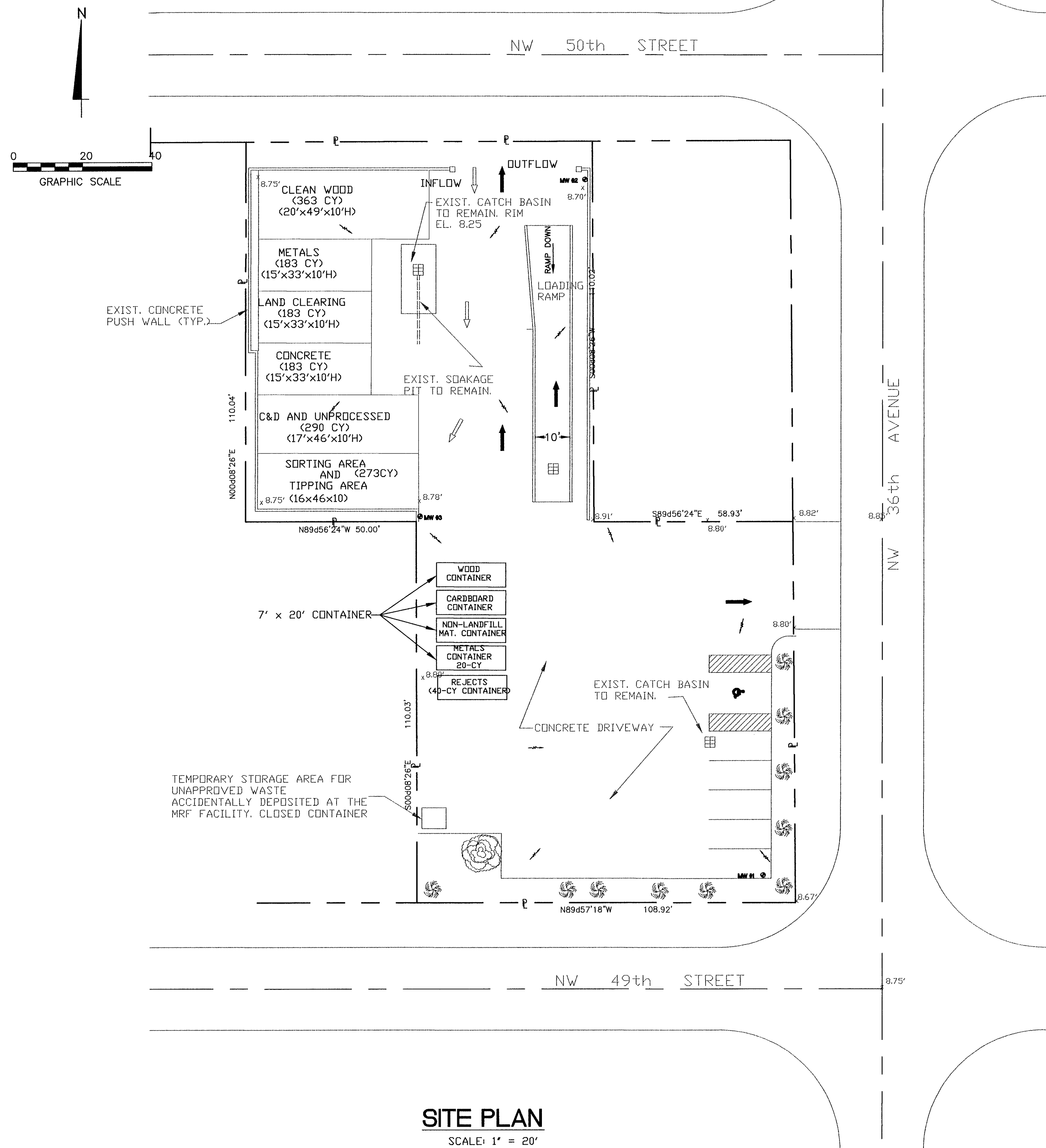
PREPARED BY:

AMBRO, INC.
Consulting Engineers and Planners
13263 SW 124TH STREET, MIAMI, FL. 33186
TEL: (305) 234-7424 - FAX: (305) 234-7832

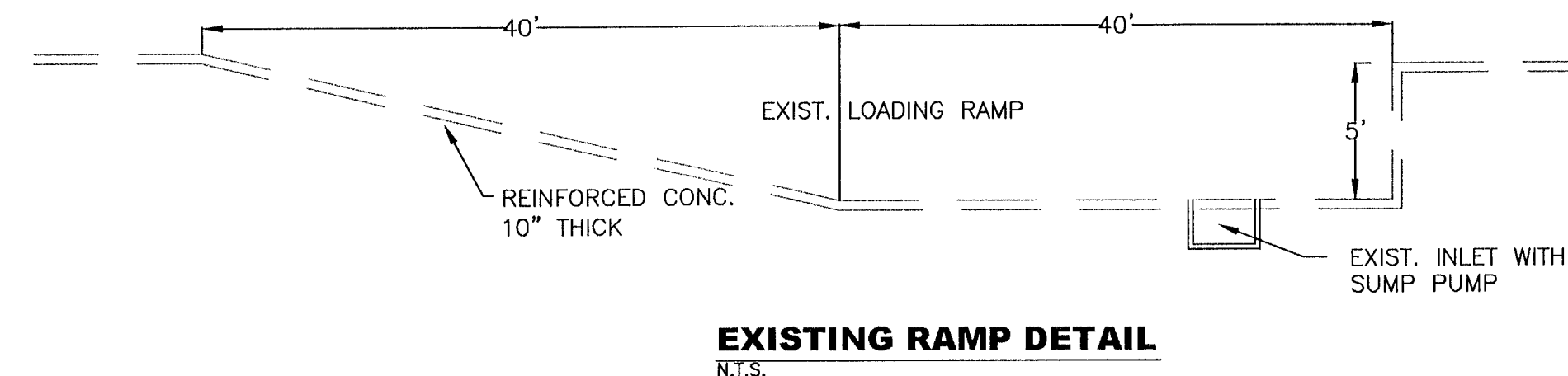
GENERAL NOTES



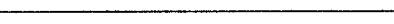
- GROUNDWATER MONITORING WELL SHALL BE MAINTAINED PER REGULATORY AGENCIES.
- ONLY CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE ACCEPTED AT THIS FACILITY.
- DUST EMISSION CONTROL MEASURES SUCH AS WATER MIST SHALL BE USED AS NECESSARY.
- EXISTING UNDERGROUND UTILITIES ON THE DRAWINGS HAVE BEEN SHOWN BASED UPON THE BEST AVAILABLE INFORMATION, THE CONTRACTOR SHALL BE REQUIRED TO MARK AND CLEARLY DELINEATE LOCATIONS OF EXISTING UTILITIES WITHIN AREAS OF WORK PRIOR TO EXCAVATION TO AVOID DAMAGE. THE CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO LOCATE, IDENTIFY AND MARK EXISTING UTILITIES BY FIELD VERIFICATION, COORDINATION WITH UTILITY COMPANIES AND ELECTRONIC OR OTHER SUCH DETECTION TECHNOLOGY AND MEANS AND SHALL BEAR ALL COSTS FOR THIS WORK.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION.
- ALL EXISTING DATA OBTAINED FROM BOUNDARY / TOPOGRAPHICAL SURVEY BY J.F. LOPEZ AND ASSOCIATES, INC.
- CONTRACTOR SHALL NOT SCALE DIMENSIONS FROM PRINTS FOR CONSTRUCTION PURPOSES.





SITE PLAN
SCALE: 1" = 20'



| | | | | | | | | | |
|-----------|----|-------------|-------------------|------------------|---|--|---|---|---------------------|
| REVISIONS | | | DATE: 05/03/16 | SCALE: 1"=20' |  | BY:  EMILE P. AMEDEE CIVIL ENGINEER 57955 |  | PERMIT RENEWAL BIG APPLE RECYCLING 3610 NW 50th STREET, MIAMI FL. 33142 | SHEET 2 OF 2 |
| DATE | BY | DESCRIPTION | | | | | | | |