

W C WICKS  
S CONSULTING  
SERVICES, INC.

LETTER OF TRANSMITTAL

CERTIFIED MAIL 7002 0860 0002 2442 2351

(352) 343-8667 • Fax (352) 343-8665 • admin@wicksconsulting.com  
225 West Main Street • Tavares, Florida 32778-3811  
Environmental, Sanitary & Water Resources Engineering

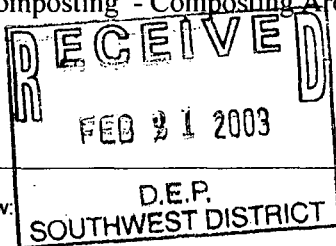
DATE February 19, 2003	JOB NO.
ATTENTION <b>SOLID WASTE PERMITTING</b>	
RE: Black Gold Composting Facility Certification of Construction Completion Appl for Modification of Permit	

TO FDEP  
3804 Coconut Palm Drive  
Tampa FL 33619-8318

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via \_\_\_\_\_ the following items:

- ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications  
☐ Copy of letter ☐ Change order ☒ Listed ☐ Via Fax ☐ \_\_\_\_\_

COPIES	DESCRIPTION
1	FDEP Form 62-701.900(2) Cert of Constr Completion of Solid Waste Mgmt Facility
4	FDEP Form 62-701.900(4) Minor Modification to Change Permit to Operational
1	Check #034646 \$250.00
4	Black Gold Composting - Composting Area #1 As Built Drawing



THESE ARE TRANSMITTED as checked below:

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> For approval   | <input type="checkbox"/> Approved as submitted                               | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input type="checkbox"/> For your information / use  | <input type="checkbox"/> Approved as noted                                   | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested  | <input type="checkbox"/> Returned  | <input type="checkbox"/> Return _____ corrected prints        |
| <input type="checkbox"/> For review and comment  | <input type="checkbox"/> For signature                                       | <input type="checkbox"/> For your file                        |
| <input type="checkbox"/> FOR BIDS DUE _____  |  | <input type="checkbox"/> For Payment                          |
| <input type="checkbox"/> Fax Transmittal of _____ pages, including this transmittal sheet. | Hard Copy to Follow <input type="checkbox"/> Yes <input type="checkbox"/> No |   |

REMARKS:

Please send a written response regarding the authorization to allow the project to be placed in operation.

Please contact me if you have any questions or comments regarding this submittal.

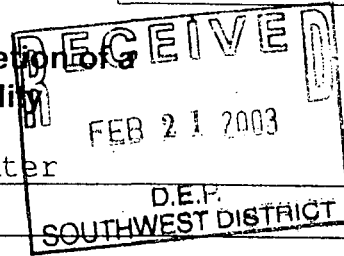
COPY TO Michael Lange

SIGNED: Ted Wicks, P.E.  
tedwicks@wicksconsulting.com

Florida Department of Environmental Protection  
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form #	52-701.900(2)
Form Title	Certification of Construction Completion
Effective Date	May 19, 1994
DEP Application No.	(Filled in by DEP)

**Certification of Construction Completion of  
Solid Waste Management Facility**



DEP Construction Permit No.: 167962-001-SC County: Sumter  
Name of Project: Black Gold Composting Facility  
Name of Owner: Michael Lange, Secretary  
Name of Engineer: Kenneth R. Wicks, P.E.  
Type of Project: Manure, animal bedding and mushroom residuals composting facility

Cost: Estimate \$ \_\_\_\_\_ Actual \$ 100,000.00 for Area 1  
Site Design: Quantity: (30,250 yd3) 77 ton/day Site Acreage: 103 Acres

Deviations from Plans and Application Approved by DEP: Placement of limerock for stabilization on composting pad and aisleway areas on east portion of Area 1. Orientation of composting pads and aisleways north to south on east portion of Area 1. Site access roadway alignment and site office location are changed from approved plan.

/ Address and Telephone No. of Site: Address not assigned by Sumter County. C.R. 237, 1/4 mile south of C.R. 466. Phone: 352-753-8499

Name(s) of Site Supervisor: Michael Lange

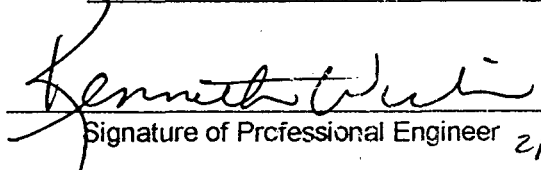
Date Site inspection is requested: As soon as practical. Please call ahead of time for site access coordination.

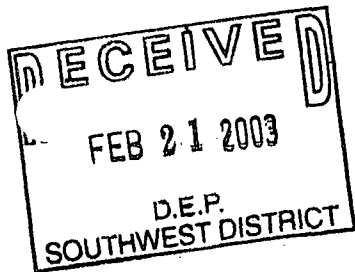
This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction.

Permit No.: 167962-001-SC

Dated: 01/24/2001

Date: \_\_\_\_\_

  
Signature of Professional Engineer 2/17/03



# Florida Department of Environmental Protection

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form #	62-701.900(4)
Form Title	Application to Construct, Operate or Modify a Waste Processing Facility
Effective Date	05-27-01
DEP Application No.	(Filled by DEP)

## STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

### APPLICATION FOR PERMIT 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 Rule 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

☐ Materials Recovery Facility:

☐ C&D Recycling

☐ Class III MRF

☐ MSW MRF

☒ Other Describe: Agricultural Manure Composting Facility

☐ Volume Reduction Facility

☐ Pulverizer/Shredder

☐ Compactor/Baling

☐ 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: Black Gold Composting Facility

5. DEP ID number: 167962-001-SC & 002-SO County: Sumter

6. Facility location (main entrance): West side of C.R. 237, 1/4 mile south of C.R. 466

7. Location coordinates:

Section: 15 Township: 18S Range: 22E

UTMs: Zone \_\_\_\_\_ km E \_\_\_\_\_ km N

Latitude: 28° 55' 17" Longitude: 82° 06' 21"

Northwest District  
160 Governmental Center  
Pensacola, FL 32501-5794  
850-595-8360

Northeast District  
7825 Baymeadows Way, Ste. B200  
Jacksonville, FL 32256-7590  
904-448-4300

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

Southwest District  
3804 Coconut Palm Dr.  
Tampa, FL 33619  
813-744-6100

South District  
2295 Victoria Ave., Ste. 364  
Fort Myers, FL 33901-3881  
941-332-6975

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

8. Applicant name (operating authority): Michael Lange, Secretary
- Mailing address: 8183 East C.R. 466 Oxford Florida 34484  
Street or P.O. Box City State Zip
- Contact person: Michael Lange Telephone: 352-753-8499
- Title: Secretary E-Mail address (if available): \_\_\_\_\_
9. Authorized agent/Consultant: Consulting Engineer: Kenneth R. Wicks, P.E.
- Mailing address: 225 West Main Street Tavares Florida 32778  
Street or P.O. Box City State Zip
- Contact person: Kenneth "Ted" Wicks Telephone: 352-343-8667
- Title: President twicks@wicksconsulting.com  
E-Mail address (if available): \_\_\_\_\_
10. Landowner (if different than applicant): Same
- Mailing address: \_\_\_\_\_  
Street or P.O. Box City State Zip
- Contact person: \_\_\_\_\_ Telephone: \_\_\_\_\_  
E-Mail address (if available): \_\_\_\_\_
- Cities, towns and areas to be served: Agricultural operations in Lake, Sumter and Marion  
Counties
12. Date site will be ready to be inspected for completion: November 15, 2002
13. Estimated costs:
- Total Construction: \$ 100,000.00 Closing Costs: \$ \_\_\_\_\_
14. Anticipated construction starting and completion dates:
- From: May 2002 To: November 15, 2002
15. Expected volume of waste to be received: 30,250 yds<sup>3</sup>/day 77 tons/day
16. Provide a brief description of the operations planned for this facility: Permitted to construct an agri-  
cultural manure composting facility which Area #1 has been constructed.  
This Minor Modification is a request to authorize the operation of the  
facility and Area #1 under FDEP Permit 167962-002-SO.

**B. ADDITIONAL INFORMATION**

Please attach the following reports or documentation as required.

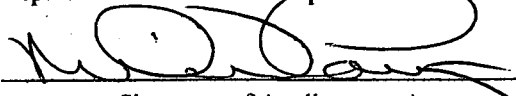
1. Provide a description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections (Rule 62-701.710(2)(a), F.A.C.).
2. Attach a site plan, signed and sealed by a professional engineer registered under Chapter 471, F.S., with a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site and wells serving community water supplies on or within 1000 feet of the site (Rule 62-701.710(2)(b), F.A.C.).
3. Provide a description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include (Rule 62-701.710(2)(c), F.A.C.):
  - a. Regular facility operations as they are expected to occur;
  - b. Procedures for start up operations, and scheduled and unscheduled shut down operations; and
  - c. Potential safety hazards and control methods, including fire detection and control.
4. Provide a description of the design requirements for the facility which demonstrate how the applicant will comply with Rule 62-701.710(3), F.A.C.
5. Provide a description of the loading, unloading, storage and processing areas (Rule 62-701.710(2)(d), F.A.C.).
6. Provide the identification and capacity of any on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues (Rule 62-701.710(2)(e), F.A.C.).
7. Provide a plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment (Rule 62-701.710(2)(f), F.A.C.).
8. Provide a boundary survey, legal description, and topographic survey of the property (Rule 62-701.710(2)(g), F.A.C.).
9. Provide an operation plan which describes how the applicant will comply with Rule 62-701.710(4), F.A.C. (Rule 62-701.710(2)(h), F.A.C.).
10. Provide a closure plan which describes generally how the applicant will comply with Rule 62-701.710(6), F.A.C. (Rule 62-701.710(2)(i), F.A.C.).
11. Unless exempted by Rule 62-701.710(10)(a), F.A.C., provide the financial assurance documentation required by Rule 62-701.710(7), F.A.C. (Rule 62-701.710(2)(j), F.A.C.).
12. Provide documentation to show that stormwater will be controlled according to the requirements of Rule 62-701.710(9), F.A.C.
13. Provide documentation to show that the applicant will comply with the recordkeeping requirements of Rule 62-701.710(9), F.A.C.

C. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of Black Gold Composting

\_\_\_\_\_ is aware that statements made in this form and attached information are an application for a transfer to Operation 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

Michael Lange  
\_\_\_\_\_  
Name and Title (please type)

\_\_\_\_\_  
E-Mail address (if available)

8183 East C.R. 466

\_\_\_\_\_  
Mailing Address

Oxford, Fl. 34484

\_\_\_\_\_  
City, State, Zip Code

352-753-8499

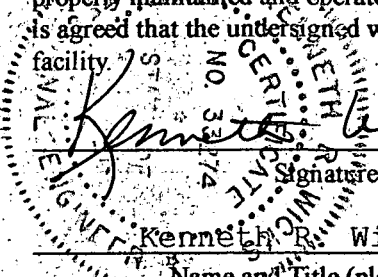
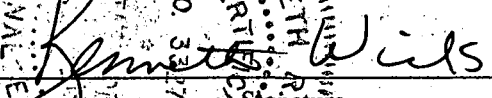
\_\_\_\_\_  
Telephone Number

Date: 2/17/03

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

Kenneth R. Wicks, P.E.  
\_\_\_\_\_  
Name and Title (please type)

33274

\_\_\_\_\_  
Florida Registration Number  
(please affix seal)

225 West Main Street

\_\_\_\_\_  
Mailing Address

Tavares, Fl. 32778

\_\_\_\_\_  
City, State, Zip Code

twicks@wicksconsulting.com

\_\_\_\_\_  
E-Mail address (if available)

352-343-8667

\_\_\_\_\_  
Telephone Number

Date: 2/17/03

①

Certificate of authorization # 000004571

MICHAËL LANGE, V.P.

DOILE / DAY / MAND / DOY /

PROJECT  
TAMPA



1. Elevations are NAVD 88 Datum, primary benchmark was "175 C4" (AL6038), elevation = 85.77.
2. SITE IMPROVEMENTS SHOWN FIELD SURVEYED BY MCGLOHORN LAND SURVEYORS, INC., AND SURVEY PROVIDED TO WICKS CONSULTING SERVICES, INC.

**Abbreviations**

CM = Concrete Monument  
IP = Iron Pin  
R = Radius  
L = Length  
T = Tangent  
Meas = Measures  
Desc = Description  
OR = Official Records  
LB = Licensed Business  
NID = No Identification  
WF = Wetland Flag  
CMP = Corrugated Metal Pipe

PP = Power Pole  
 ● = Iron Pin  
 □ = Concrete Monument  
 — = Guy wire  
 ⊕ = Benchmark

UGP = UNDERGROUND POWER  
 OHP = OVERHEAD POWER

SECTION	PROFILE
---------	---------

That part of the West 1/2 of the Southwest of Section 15, Township 18 South, Range 22 East, Sumter County, Florida, and that part of Southeast 1/4 lying East of Interstate 75 right of way, Section 16, Township 18 South, Range 22 East, Sumter County, Florida, Described as follows: Begin the Northeast corner of the Southeast 1/4 of said Section 16, Township 18 South, Range 22 East, run N89°39'03"W along the North line of said Southeast 1/4 2661.53 feet to the Northwest corner of the Southwest corner of said Section 16; thence S00°31'35"W along the West line of said Southeast 1/4 1130.45 feet; thence S89°41'07"E 3981.31 feet to the East line of the West 1/2 of the Southwest 1/4 of said Section 15; thence N00°08'07"E 1142.23 feet along said East line to the Northeast corner of the West 1/2 of the Southwest 1/4 of said Section 15; thence S89°43'49"W 1312.10 feet along the North line of the West 1/2 of the Southwest 1/4 of said Section 15 to the Point of Beginning; Reserving an easement along the East 25.00 feet thereof.

COMPOST PAD VOLUME - 69,309 C.Y.

N.T.S.

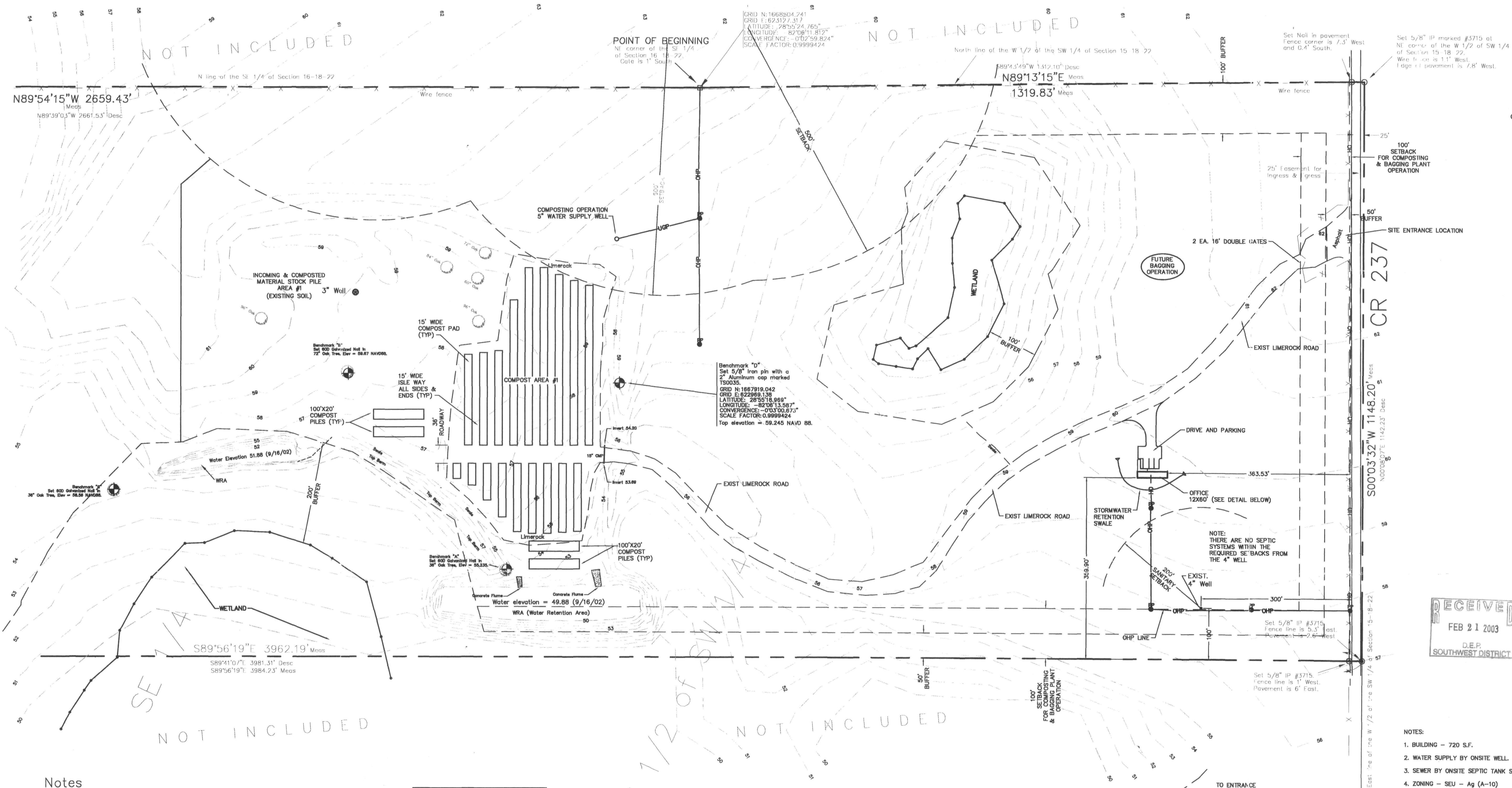
SCALE: 1"=40'

1. BUILDING - 720 S.F.
2. WATER SUPPLY BY ONSITE WELL.
3. SEWER BY ONSITE SEPTIC TANK SYSTEM
4. ZONING - SEU - Ag (A-10)
5. SETBACKS AND BUFFERS AS SHOWN
6. PARKING - 3 SPACES

(TO BE SODDED)

STORMWATER RETENTION  
AREA SWALE

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
JUN 05 2003  
TAMPA  
BIOCT



## Notes

- Elevations are NAVD 88 Datum, primary benchmark was "175 C4" (AL6038), elevation = 85.77.
- SITE IMPROVEMENTS SHOWN FIELD SURVEYED BY MCLOHORN LAND SURVEYORS, INC., AND SURVEY PROVIDED TO WICKS CONSULTING SERVICES, INC.

## Abbreviations

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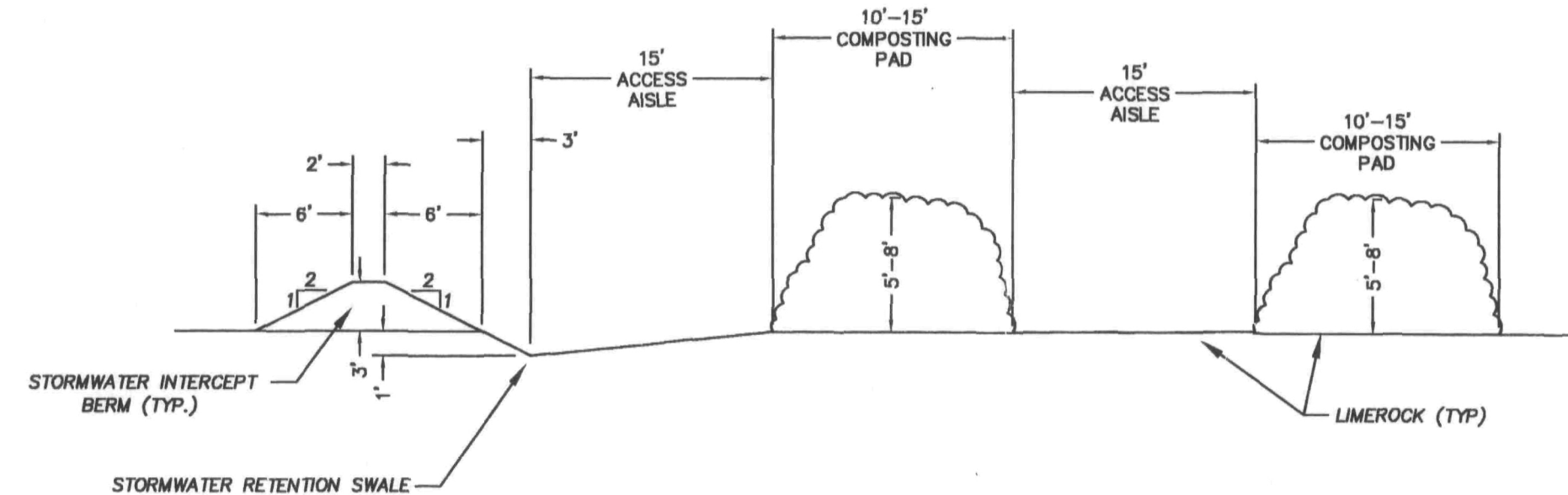
## LEGEND

BP = Power Pole  
IP = Iron Pin  
CM = Concrete Monument  
— = Guy wire  
⊕ = Benchmark  
UGP = UNDERGROUND POWER LINE  
OHP = OVERHEAD POWER LINE

## LEGAL DESCRIPTION:

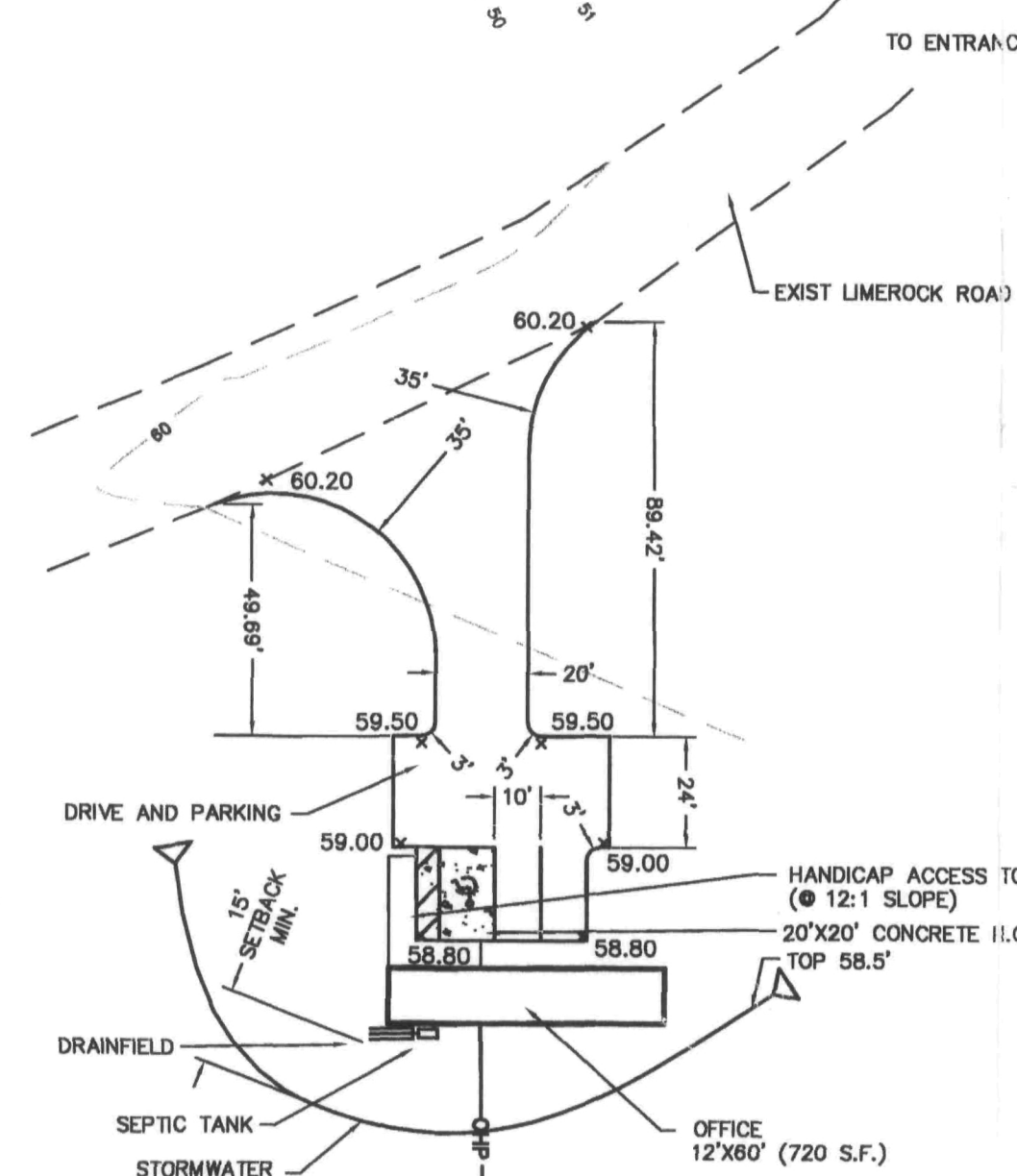
That part of the West 1/2 of the Southwest of Section 15, Township 18 South, Range 22 East, Sumter County, Florida AND that part of Southeast 1/4 lying East of Interstate 75 right of way, Section 16, Township 18 South, Range 22 East, Sumter County, Florida, Described as follows: Begin the Northeast corner of the Southeast 1/4 of Section 16, Township 18 South, Range 22 East, run N89°39'03"W along the North line of said Southeast 1/4 2661.53 feet to the Northwest corner of the Southeast corner of said Section 16; thence S00°31'35"W along the West line of said Southeast 1/4 1130.45 feet; thence S89°41'07"E 3981.31 feet to the East line of the West 1/2 of the Southwest 1/4 of said Section 15; thence N00°08'07"E 1142.23 feet along said East line to the Northeast corner of the West 1/2 of the Southwest 1/4 of said Section 15; thence S89°43'49"W 1312.10 feet along the North line of the West 1/2 of the Southwest 1/4 of said Section 15 to the Point of Beginning; Reserving an easement along the East 25.00 feet thereof.

NOTE:  
COMPOST PILES SHOWN ARE  
TYPICAL. NO COMPOST IS PRESENT.  
PILES AND ROWS WILL BE ESTABLISHED  
UPON CLEARANCE FROM FDEP.



TYPICAL COMPOSTING PAD SECTION

N.T.S.



OFFICE DETAIL

SCALE: 1"=40'

## HANDICAP ACCESS TO BUILDING DETAIL

## STORMWATER RETENTION AREA SWALE

(TO BE SODDED)

STORMWATER RETENTION AREA SWALE

STORMWATER RETENTION AREA SWALE

STORMWATER RETENTION AREA SWALE

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STORMWATER RETENTION AREA SWALE

STORMWATER RETENTION AREA SWALE

STORMWATER RETENTION AREA SWALE

BLACK GOLD COMPOSTING CO.  
COMPOSTING AREA #1  
AS-BUILT DRAWING FOR FDEP

Drawn: tr	DATE: 11-5-02
Checked: tw	REVISION: GENERAL
Date: 10-3-02	H.C. RAMP & PARKING LOT 12-9-02
Scale: 1"=100'	RECORDS COMPLETED 2-7-03
File No: 14799-12	
Sheet: 1 Of: 1	

BLACK GOLD COMPOSTING CO.  
8183 EAST C.R. 466  
OXFORD, FLORIDA 34484  
(352) 753-8499  
MICHAEL LANGE, V.P.

WICKS CONSULTING SERVICES, INC.  
(352) 343-8887 225 West Main Street, Tallahassee, Florida 32309-3609  
Environmental, Sanitary & Water & Resource Engineering  
Certificate of authorization # 00004571

KENNETH R. WICKS, P.E.  
DATE: 11-5-02  
FL. REG. NO. 33274



# Department of Environmental Protection

Jeb Bush  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

David B. Struhs  
Secretary

Mr. Michael Lange  
BLDM, Inc.  
8183 E. County Road 466  
Oxford, Florida 34484

March 18, 2003

**Re: Black Gold Composting Facility, Oxford  
Certification of Construction Completion, Area 1  
Pending Permit Modification No.: 167962-003-SO, Sumter County**

Dear Mr. Lange:

This is to acknowledge receipt of the certification of construction completion for Area 1 and the permit modification application prepared by Wicks Consulting Services, Inc. dated February 17, 2003, (received February 21, 2003); to operate a manure, animal bedding, and mushroom residuals composting facility.

This letter constitutes notice that a permit will be required for your project pursuant to Chapter(s) 403, Florida Statutes.

Your certification of construction completion and application for a permit modification is incomplete. This is the Department's 1st request for additional information. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-701, Florida Administrative Code (F.A.C.)]. Please provide:

1. **Rule 62-709.300(4), F.A.C. Certification of Construction Completion Form #62-701.900(2):** Please provide the following information in support of the Certification of Construction Completion as specified by Specific Condition #6 of Permit #167962-001-SC:
  - a. **Rule 62-701.320(7)(g), F.A.C.** Please provide a copy of the deed which indicates that the permittee is the land owner or a copy of documentation (e.g. a lease agreement) which indicates that the land owner is aware of and agrees to the proposed use of the property.
  - b. **Rule 62-709.500(5)(b), F.A.C.** Please provide documentation which indicates that the processing equipment has been obtained and is on-site.
  - c. **Rule 62-709.500(3), F.A.C.** Please provide a copy of the permit for storm water management at the facility along with a copy of the permitted design drawings or provide documentation that no permit was required.
  - d. **Rule 62-709.500(4)(f), F.A.C.** Please provide documentation from the local fire protection authorities indicating that those authorities do not object to the proposed facility design and operation.

"More Protection, Less Process"

Printed on recycled paper.

2. **Rule 62-709.300(4), F.A.C. Certification of Construction Completion Form #62-701.900(2)- Deviations from Plans and Application Approved by DEP:** Please provide the following information in support of the proposed deviations from the permitted design and operation of the facility:

a. **Rule 62-709.300(12), F.A.C.** The "Compost Area #1 As-Built Drawings", received February 21, 2003, ("As-Built") identify a Composting Operation 5-inch Water Supply Well located northeast of "Compost Area #1" and a 3-inch well located within the "Incoming & Composted Material Stockpile Area #1". Please explain the purpose of these wells and verify that their locations will not cause proposed operation to be violation of Rule 62-701.300(2), F.A.C. well setback requirements.

b. **Rule 62-709.500(2)(b), F.A.C.** The As-Built shows an general area identified as "Incoming & Composted Material Stockpile Area #1". Please revise the As-Built to identify the specific areas where incoming materials will be stored prior to be placed in windrows and where the finished compost materials will be stored prior to disposition, such that commingling of these materials is prevented.

c. **Rule 62-709.500(2)(d), F.A.C.** The December 11, 2000 Design Capacity Report, referenced as part of the facility's permits, is inconsistent with configuration of the compost pad, compost windrows, and incoming & composted material stockpile areas on the As-Built. Please provide a revised Design Capacity Report that is based on the proposed configuration identified on the As-Built, including the storage of incoming and finished compost materials in Area #1.

d. **Rule 62-709.500(3)(b), F.A.C.** The As-Built indicates that a storm water interceptor berm is no longer provided along the west boundary of the proposed compost pad nor along the western boundary of Area #1. Please explain how storm water runoff will be prevented from entering the compost pad area and prevented from leaving Area #1 along its western boundary.

e. **Rule 62-709.500(3)(b), F.A.C.** The As-Built identifies four 100'x 20' compost piles. These piles are shown to be wider than the remainder of the compost piles, are located outside the compost pad area, and seem to be located in the areas of greatest potential for impact from storm water runoff. Please explain why these compost piles differ from the typical compost pile and the rationale for locating them outside the compost pad and in areas where storm water runoff potential appears to be the greatest.

f. **Rule 62-709.500(5)(e), F.A.C.** Please revise the As-Built to show the planned traffic flow directions at the facility.

3. **Rule 62-709.300(5), F.A.C. Operations Procedures Manual:** There are several sections of the December 11, 2000 "Operation Procedures Manual", referenced as part of the facility's permits, that are now inconsistent with the plans and descriptions provided with your application for permit modification and certification of construction completion. Please provide following additional information and revisions to the referenced sections of the document. Please provide a comprehensive Operations Procedures Manual that incorporates these revisions:

a. **Site Development Plan:** Please revise this section to include a reference to the "Incoming & Composting Materials Stock Pile Area #1" and update this section to reference those systems that have been subsequently designed, permitted, and built (e.g. private well, septic tank).

(Comment #3, cont'd)

b. Type YM Composting: The facility is currently not permitted to utilize yard trash in its composting operation. Please confirm that the facility does not intend on using yard waste in its composting operation and revise this section accordingly.

c. Permitting: This section identifies permits required to be obtained prior to operation. Please verify that these permits have been obtained and, if so, revise or eliminate this section accordingly.

d. Construction & Operation Schedule: Please update this section to include the anticipated schedule for future construction & operation activities.

e. Operation Plan - Proper Length of Time for Compost to Cure: Since the bagging operation at the facility has not been built, please revise this section to describe how the material is handled "When these six (6) criteria have been achieved".

f. Operation Plan - Reporting of Compost to Florida DEP: The correct form number for composting annual report is Form # 62-701.900(11). Please revise this section accordingly. The annual report requires quantities to be reported in tons. The As-Built indicates that neither the proposed facility scales nor scale house have been constructed. Please explain how the facility plans to determine quantities of materials handled at the facility in tons, included any conversion factors.

g. Daily Operational Guidelines - Access Road: Please revise this section to describe the traffic flow at the facility based on the proposed revision to the site layout.

h. Daily Operational Guidelines - Facility Staffing: Please revise this section to reflect facility staffing based on proposed changes in site layout and facility operation (e.g. elimination of scale house, addition of incoming & composted materials stock pile area).

i. Daily Operational Guidelines - Site Entrance & Exit For Vehicles: Please revise this section to include proposed changes in site layout and facility operation (e.g. elimination of scale house, addition of incoming & composted materials stock pile area).

j. Daily Operational Guidelines - Fire Protection: Please confirm that the supply of water for fire protection will originate from the existing 4 inch well near the office area as stated, and not from the additional wells noted on the As-Built (see comment 2a above) and revise this section accordingly.

k. Daily Operational Guidelines - Fire Protection: In accordance with the facility permit, the owner/operator is required to contact the local fire authorities for approval of the facility design prior to operation and annually for a fire safety survey to be conducted. Please revise this section accordingly.

l. Daily Operational Guidelines - Controlled Access: Please revise this section to describe the location where an attendant will control access in the absence of a scale house.

(Comment #3, cont'd)

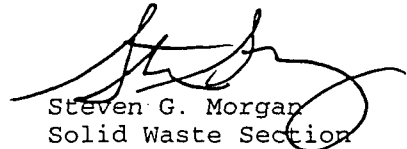
m. Daily Operational Guidelines - Composting Materials Process Procedures: Please revise this section to address and include: (1) a description of the location and procedures for storage of incoming material prior to relocation on the compost pad; (2) a description of the procedures for managing the four 100'x20' compost piles, if different from the windrows located on the compost pad; (3) a description of your procedures for storage, processing, and disposition of finished compost materials in the absence of the on-site bagging facility; and (4) identification of the source of the water to be utilized to maintain moisture content.

**Please provide all responses that relate to engineering for design and operation, including plan sheets, signed and sealed by a professional engineer. Responses that relate to the facility operations should be included as part of the Operation Plan. All replacement pages should be numbered, and with revision date.**

"NOTICE! Pursuant to the provisions of Section 120.60, F.S., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after you receive this letter, responding to as many of the information requests as possible and indicating when a response to any unanswered questions will be submitted. If the response will require longer than 30 days to develop, you should develop a specific timetable for the submission of the requested information for Department review and consideration. Failure to comply with a timetable accepted by the Department will be grounds for the Department to issue a Final Order of Denial for lack of timely response. A denial for lack of information or response will be unbiased as to the merits of the application. The applicant can reapply as soon as the requested information is available."

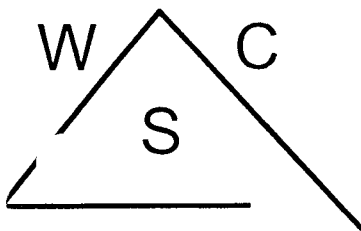
You are requested to submit 3 copies of your response to this letter as one complete package with an original and two copies of all correspondence (with one copy sent to Ms. Susan Pelz). If there are points that must be discussed and resolved, please contact me at (813) 744-6100 ext. 385.

Sincerely,

  
Steven G. Morgan  
Solid Waste Section  
Southwest District

SM/sgm

cc: Kenneth "Ted" Wicks, Wicks Consulting Services, Inc., 3655 Belle Arbor Circle, Titusville,  
Florida 32780  
Virginia Watson, Sumter County Planning Department., 209 N. Florida Street, Bushnell,  
Florida 33513  
Francine Joyal, FDEP Tallahassee  
Susan Pelz, P.E., FDEP Tampa

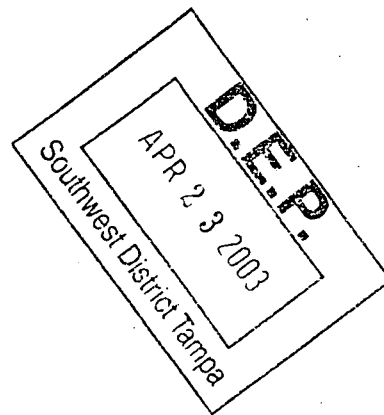


# WICKS CONSULTING SERVICES, INC.

OFFICE: (352) 343-8667 • FAX: (352) 343-8665 • E-MAIL: admin@wicksconsulting.com  
225 West Main Street • Tavares, Florida 32778-3811

**CERTIFIED MAIL 7002 2410 0005 9469 3149**

April 22, 2003



Mr. Steven G. Morgan  
Solid Waste Section  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

**REFERENCE: BLACK GOLD COMPOSTING FACILITY – OXFORD, SUMTER COUNTY, FL**  
**CERTIFICATION OF CONSTRUCTION COMPLETION – AREA #1**  
**PENDING PERMIT MODIFICATION NO. 167962-003-SO**

Dear Mr. Morgan

Your letter dated March 18, 2003, to Mr. Michael Lange, V.P. of BLDM, Inc., regarding the 2/17/2003 Certification of Completion for Area #1, submitted to the Department, has been received and reviewed with Mr. Lange. He has assisted in the preparation of this response to each of the numerical items in your letter.

- 1.a. A copy of the requested Deed is attached.
- 1.b. The following equipment is currently in use at the present facility located in Lady Lake and will be available for use at the new site in Oxford when composting material is brought on site:
  - Kawasaki front-end loader equipped with bucket scale
  - John Deere Tractor
  - Aeromaster compost turner
  - 3,000 gallon water wagon
  - Dump trucks
- 1.c. The stormwater permit application is being submitted to Mr. Randy Cooper at FDEP, Tampa. This was overlooked and was assumed to have been permitted as part of the FDEP Construction and Operation Permit.
- 1.d. See an attached copy of the Sumter County Board of Commissioners Operating Permit for a Compost Facility #OP 2001-1, CUP 99-1, which is the local government entity responsible for fire protection for the facility.

- 2.a. The 5-inch well is located to provide irrigation, fire safety and backup water source for composting operations if necessary. The 3-inch well does not have electrical power and is not in use at this time. The 3-inch well has a concrete pad around the well casing. Neither well is to be used for potable water.

The plan is to utilize water from the on-site stormwater retention areas for supplying moisture to compost rows whenever possible.

- 2.b. The incoming materials (soils, mulch, pine bark) will be stored in the area so indicated on the As-Built Drawings, as well as the incoming animal manure and bedding composted materials. The attached As-Built Drawing has been revised, as requested, to show the location of these materials storage areas.

The incoming compost will be placed in windrows on the compost pads within 24 hours of delivery. Finished compost, when cured, will be hauled directly from the compost pad to the processing plant at Lady Lake, until a new plant facility is built on the Oxford site. This removal from the compost pad and direct transport to the processing plant will prevent co-mingling of the materials.

- 2.c. The Area #1 compost pad configuration shown on the As-Built Drawing was done at the request of Michael Lange, V.P., B.L.D.M., Inc., to facilitate access to the compost pads from the center roadway. This change is expected to allow some flexibility in compost row direction; however, the design capacity will remain the same.
- 2.d. A stormwater intercept swale has been constructed along the west boundary of Compost Area #1 to prevent stormwater from moving to the west.
- 2.e. These larger compost piles, 100' x 20' in size, are proposed for horse manure, which is mostly straw or shavings. This material starts composting better in larger rows. Also, it is placed in the smaller row areas midway through the compost cycle.
- 2.f. The As-Built Drawing has been revised to show the planned traffic flow direction at the facility.

3. The Operation Procedures Manual has been revised in accordance with your letter as follows:

- a. Site Development Plan has been updated to reference the site improvements to include the "Incoming Materials and Composting Materials" received and stored in Area #1.
- b. Type YM Composting has been revised to clarify the possible future use of yard trash as a carbon source, in accordance with the Operation Plan, *Composting on the Site*, Section 5. The facility does not intend to utilize yard waste unless permitted in the future.
- c. Permitting has been revised to state the appropriate permitting agencies and status of the required permits.
- d. Construction & Operation Schedule has been updated to show Composting Area #1 is complete, Composting Areas #2 and #3 construction will follow beginning with the onset of composting operation in Area #1.
- e. Operation Plan – Proper Length of Time for Compost to Cure has been revised to address the transportation of the cured compost to the existing processing and bagging plant at the Lady Lake location, until the processing and bagging plant is constructed at the Oxford location.

- f. Operation Plan – Reporting of Compost to Florida DEP has been revised to say Form 62-701.900(11) (corrected typographical error) as requested. The scale house and scales have not been constructed; however, the operator has a scale on the front-end loader for weighing the material handled. The trucks hauling material into the site are measured for volume in cubic yards. Recorded cubic volumes can then be converted to tons based upon bulk density. The operator will report quantities in the Annual Report in tons.
- g. Daily Operational Guidelines – Access Road has been revised to describe the traffic flow based upon the current site layout.
- h. Daily Operational Guidelines – Facility Staffing has been revised to include the changes in site layout, absence of weigh scales for the present time, and addition of incoming and composted materials stockpile area.
- i. Daily Operational Guidelines – Site Entrance and Exit for Vehicles has been revised to include the current site layout and facility operation, absence of weigh scales for the present time, and addition of incoming and composted materials stockpile area.
- j. Daily Operational Guidelines – Fire Protection has been revised to state that the existing non-potable 5-inch well located north of composting Area #1 is the supply source for fire protection water supply.
- k. Daily Operational Guidelines – Fire Protection has been revised to state that the owner/operator is required to contact the local fire department for the fire safety survey. The facility already has fire authority approval for operation of the facility as addressed previously under Item l.d.
- l. Daily Operational Guidelines – Controlled Access has been revised to state that an attendant located at the site office will control access to the facility.
- m. Daily Operational Guidelines – Composting Materials Process Procedures has been revised to address and include (1) a description of the location and procedures for storage of incoming material prior to relocation on the compost pads; (2) a description of the procedures for managing the four 100' x 20' compost piles, if different from the windrows located on the compost pad; (3) a description of procedures for storage, processing, and disposition of finished compost materials in the absence of the on-site bagging facility; and (4) identification of the source of the water to be utilized to maintain moisture content.

It is hoped this response is sufficient to address the District's concerns. Please contact me if you need further information or have any questions.

Sincerely,



Ted Wicks, P.E.

TW:rl:kh

Enclosures

xc: Michael Lange w/encl.

C:/letters/fldépmorgan

*County*

# SUMTER COUTY BOARD OF COMMISSIONERS

## OPERATING PERMIT FOR A COMPOST FACILITY

Permit OP 2001-1  
CUP 99-1

Property Owner: Black Gold Compost Co./BLDM, Inc.  
8183 E. C-466  
Oxford, FL 34484

*Per- Jan*

Facility Operator: Black Gold Compost Co./BLDM, Inc.  
8183 E. C-466  
Oxford, FL 34484



This permit is approved and issued subject to the following general and specific terms and conditions:

### Section A - General Terms and Conditions

A1. That all statements in the application and supporting data are true, accurate, and based upon the best information available, and that all conditions set forth herein will be complied with. If any of the statements in the application and in the supporting data are found to be untrue and inaccurate, or if applicant fails to comply with any and all of the conditions set forth herein, then this Permit may be suspended or revoked, pursuant to Section 13-174, Sumter County Land Development Regulations.

A2. The operation of this compost facility shall not constitute a hazard or threat to the health, safety, or general welfare of the surrounding properties and public. The determination of a hazard or threat by the Board may be cause for permit amendment, suspension or revocation, pursuant to Section 13-174, Sumter County Land Development Regulations.

A3. All applicable sections of the Florida Statutes, Florida Administrative Code, and Sumter County Code shall be complied with at all times. All composting activities shall remain in compliance with all permits, authorizations, and conditions applicable to the facility. All terms and conditions of permits issued by other agencies for the composting operation, not in conflict with the herein terms and conditions, shall be adhered to. A substantial, or repeated violation of the terms and conditions of this permit, or the violation of any other ordinance, regulation or law, may be cause for this Permit to be suspended or revoked, pursuant to Section 13-174, Sumter County Land Development Regulations. Operation of the facility shall be in accordance with the operating procedures manual and project plan drawings, dated May 1, 2001, submitted to and approved by the Sumter County Division of Planning and Development.

A4. An authorized Board representative may, upon reasonable notice, enter the facility property, inspect the facility, and make permit compliance assessments. The Permittee shall either accompany the Board's representative onto the property or make provisions for access onto the property. The Permittee shall reasonably assist the Board's representative in investigating complaints filed regarding alleged adverse impacts from composting activities.

A5. If composting activities do not commence within three (3) years of issuance of this permit, or if once commenced, cease for a period of three (3) years, this permit shall expire unless extended by the Board upon request of the Permittee. A request for an extension must be submitted to the Board at least sixty (60) days prior to the permit's expiration date.

A6. Dumping of debris, trash, garbage, hazardous or contaminated materials is prohibited, and said dumping may be cause for amendment, suspension or revocation of this permit pursuant to Section 13-174, Sumter County Land Development Regulations.

A7. This permit is non-transferable except in accordance with Section 13-772(b), Sumter County Land Development Regulations.

A8. There shall be only one connection road onto the property from CR-237.

A9. The Board of County Commissioners is to be promptly notified of any significant change in composting operations, and the facility's operation plan revised to address these changes.

### **Section B – Specific Terms and Conditions**

**B1. Permit Expiration.** This permit is approved and issued for a five-year period and shall expire five years after its date of issuance unless renewed pursuant to Chapter 13, Sumter County Code.

**B2. Legal Description of Property For Which Permit is Approved:**

Sections 15 & 16, Township 18S, Range 22E

The North 1100' of the following tracts: Section 15 – The West ½ of the SW ¼, and Section 16 – That part of the SE ¼ lying East of the Interstate 75 right-of-way.

**B3. Pre-Composting Requirements.** Prior to commencement of composting activities, the Operator shall obtain all required state agency permits and submit copies to the Board.

**B4. Setbacks/Buffers.** No composting or bagging operations shall be conducted within one-hundred (100) feet of adjoining property lines.

**B5. Traffic.**

- a. Access into the facility shall be limited to CR-237.

- b. A variance is hereby granted to Section 13-143.(a)(2)(b), Sumter County Code, to allow an increase in traffic along CR-237 of more than 5%, but not more than an average of 40 trips per day due to traffic generated by the compost facility.
- c. Whenever material or water from the composting facility within a ¼ mile of the entrance, makes the condition of CR-237 unacceptable, the Director of Public Works shall notify the operator. Within 48 hours of notification, or within a time limit set by the Director, the Operator shall correct the conditions at the Operators expense.
- d. A stop sign shall be maintained at the property line for trucks exiting the property.

**B6. Noise.**

- a. Equipment used in composting activities shall be properly maintained and operated to prevent nuisance noise to adjacent properties.
- b. Composting operations and procedures shall be conducted to prevent nuisance noise to adjacent properties.

**B7. Air Pollution.**

- a. Equipment used in composting activities shall be properly maintained and operated to prevent air pollution and nuisance odors.
- b. Composting operations and procedures shall be conducted to prevent air pollution and nuisance odors.

**B8. Days and Hours of Operation.**

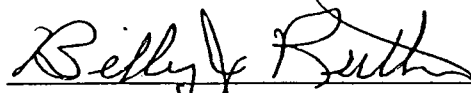
The facility operating hours shall be from 7:00 a.m. to 7:00 p.m., Monday through Saturday.

**B9. Reporting**

- a. Copies of all reports required by state or federal agencies shall be submitted to the Board at the time of submission to the agency.
- b. The Operator shall submit to the Commission copies of all applications for amendments to state agency permits and approval at the same time they are submitted to state agencies.
- c. The Operator or Permit Holder shall submit to the Commission an annual progress report within forty-five (45) days of the anniversary date of the Operating Permit issuance. The annual report shall contain the information required by the county land development regulations.
- d. The Operator shall perform an annual inspection and report its findings to the Sumter County Public Works Director of road wear and current conditions along CR-237 between the entrance of the facility and W C-466. If any repairs need to be made to CR-237 due to the increased traffic created by the facility, the applicant shall share the proportionate cost of such repairs with the County.

B10. The Use of Chicken Manure is Prohibited.

OPERATING PERMIT APPROVAL:

  
Billy J. Rutter, Chairman  
Sumter Board of County Commissioners

Attest:



Jan Kirkpatrick – Deputy Clerk

13.00  
2.00  
1821.00

PREPARED BY/RETURN TO

TERRY T. NEAL

TERRY T. NEAL, P.A.

Post Office Box 490327

Leesburg, Florida 34749-0327

File No.: 0835

C15-014

Notary Stamp \$ 1821.00  
Paid 15 Day of Nov. 2001  
GLORIA R. HAYWARD, CLERK  
CIRCUIT COURT SUMTER COUNTY, FL  
BY *[Signature]* P.C.

## TRUSTEE'S DEED

THIS TRUSTEE'S DEED Made the 15<sup>th</sup> day of February, 2001, by C. JOHN CONIGLIO, Trustee of the Coniglio-Smith Trust Dated January 1, 1996, hereinafter called the grantor, whose post office address is Post Office Box 1119, Wildwood, Florida 34785-1119, to BLDM, INC., a Florida corporation, d/b/a Black Gold Compost Co., whose post office address is 9115 North Silver Lake Drive, Leesburg, Florida 34788, hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

WITNESSETH, that said grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee heirs and assigns forever, the following described land, situate, lying and being in Sumter County, Florida, to wit:

## SEE ATTACHED EXHIBIT "A"

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of the said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons claiming by, through or under grantors, except taxes accruing subsequent to December 31, 2000 and subject to Riparian and littoral rights, Easement in favor of Sumter Electric Cooperative, Inc. contained in instrument recorded May 12, 1977 in Official Records Book 187, Page 169, Public Records of Sumter County, Florida and Easement in favor of Sumter Electric Cooperative, Inc. contained in instrument recorded October 16, 1983 in Official Records Book 52, Page 241, Public Records of Sumter County, Florida.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered  
in our presence:

*[Signature]*  
TERRY T. NEAL  
Printed Name

*[Signature]*  
C. John Coniglio, Trustee

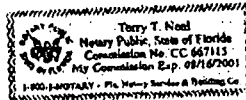
*[Signature]*  
TERRY T. NEAL  
Printed Name

FILE DATE: 03/15/2001 FILE TIME: 10:14  
SUMTER CO. FL. GLORIA HAYWARD - CLERK CIRCUIT COURT INST#: 2001 4369 OR BOOK: 864 PAGE: 270  
\*\*

STATE OF FLORIDA  
COUNTY OF LAKE

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared C. John Coniglio, Trustee of the Bret Coniglio-Smith Trust Dated January 1, 1996, who is personally known to me or who has produced his Driver's License and who did (did not) take an oath, and who executed the foregoing instrument and acknowledged before me that she executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 15<sup>th</sup> day of February, 2001.



*Terry T. Reed*  
Notary Public  
Printed Name: \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_

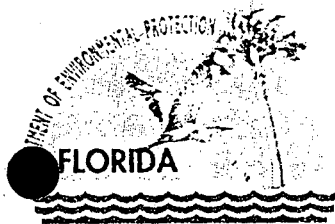
**EXHIBIT "A" - LEGAL DESCRIPTION**

That part of the West 1/4 of the Southwest of Section 15, Township 18 South, Range 22 East, Sumter County, Florida AND that part of Southeast 1/4 lying East of Interstate 75 right of way, Section 16, Township 18 South, Range 22 East, Sumter County, Florida, Described as follows: Begin the Northeast corner of the Southeast 1/4 of Section 16, Township 18 South, Range 22 East, run North 89°39'03" West along the North line of said Southeast 1/4 2661.53 feet to the Northwest corner of the Southeast corner of said Section 16; thence South 00°31'35" West along the West line of Said Southeast 1/4 1130.45 feet; thence South 89°41'07" East 3981.31 feet to the East line of the West 1/4 of the Southwest 1/4 of said Section 15; thence North 00°08'07" East 1142.23 feet along said East line to the Northeast corner of the West 1/4 of the Southwest 1/4 of said Section 15; thence South 89°43'49" West 1312.10 feet along the North line of the West 1/4 of the Southwest 1/4 of said Section 15 to the Point of Beginning; Reserving an easement along the East 25.00 feet thereof.

FILE DATE: 03/15/2001 FILE TIME: 10:14 OR BOOK: 864 PAGE: 271  
SUMTER CO. FL, GLORIA HAYWARD - CLERK CIRCUIT COURT INST#: 2001 4369

FILE DATE: 03/15/2001 FILE TIME: 10:14 OR BOOK: 864 PAGE: 272  
SUMTER CO. FL, GLORIA HAYWARD - CLERK CIRCUIT COURT INST#: 2001 4369





# Department of Environmental Protection

Jeb Bush  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

David B. Struhs  
Secretary

Mr. Michael Lange  
BLDM, Inc.  
8183 E. County Road 466  
Oxford, Florida 34484

May 12, 2003

Re: Black Gold Composting Facility, Oxford  
Certification of Construction Completion, Area #1  
Pending Permit Modification No.: 167962-003-SO, Sumter County

Dear Mr. Lange:

This is to acknowledge receipt of the additional information dated April 22, 2003 (received April 23, 2003) prepared and submitted by Wicks Consulting Services, Inc. in support of your certification of construction completion for Area #1 and permit modification application to operate a manure, animal bedding, and mushroom residuals composting facility.

This letter constitutes notice that a permit will be required for your project pursuant to Chapter(s) 403, Florida Statutes.

Your certification of construction completion and application for a permit modification is incomplete. This is the Department's 2nd request for additional information. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-701, Florida Administrative Code (F.A.C.)]. Please provide:

1. Rule 62-709.300(4), F.A.C. Certification of Construction Completion Form #62-701.900(2): Please provide the following information in support of the Certification of Construction Completion as specified by Specific Condition #6 of Permit #167962-001-SC:

a. Rule 62-709.500(3), F.A.C. Please provide a copy of the permit for storm water management at the facility along with a copy of the permitted design drawings or provide documentation that no permit is required.

2. Rule 62-709.300(4), F.A.C. Certification of Construction Completion Form #62-701.900(2) - Deviations from Plans and Application Approved by DEP: Please provide the following information in support of the proposed deviations from the permitted design and operation of the facility:

a. Rule 62-709.500(2)(d), F.A.C. The April 22, 2003 response letter indicates that the design capacity of the compost pad will remain the same as provided by the December 11, 2000 Design Capacity Report. However, the December 11, 2000 Design Capacity Report was based on facility design plans which indicated that Area #1 was to be utilized in its entirety as a compost pad. The "Composting Area #1 As-Built Drawing", received April 23, 2003, ("As-Built") indicates that less than 50% of the total area of Area #1 will be utilized as a compost pad; identifies other separate storage areas within Area #1 for mulch, soils, composted animal bedding, composted animal manure, and pine bark; and

"More Protection, Less Process"

Printed on recycled paper.

(Comment 2.a. cont.)

identifies four separate compost piles for horse manure. No supporting documentation or calculations were provided to support that, with the proposed changes in Area #1, the design capacity would remain the same. Please provide a revised Design Capacity Report, with supporting documentation and calculations, which is based on the proposed configuration identified on the As-Built.

b. Rule 62-709.500(3)(b), F.A.C. The As-Built identifies the western storm water swale that will prevent storm water runoff from leaving Area #1, but does not indicate that a storm water interceptor berm will be located along the west boundary of the proposed compost pad. Taking into consideration the topography of Area #1 shown on the As-Built, please explain how storm water runoff in Area #1 will be prevented from entering the compost pad area.

c. Rule 62-709.500(3)(b), F.A.C. Taking into consideration the topography and the designed flow of storm water in Area #1, the two 100'x 20' horse manure compost piles identified south of the compost pad on the As-Built seem to be located in the area of greatest potential for impact from storm water runoff. Please explain the rationale for the proposed location of these compost piles.

3. Rule 62-709.300(5), F.A.C. Operations Procedures Manual Addendum, April 4, 2003: Please provide following additional information and revisions to the referenced sections of the document.

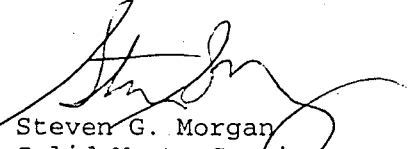
a. Operation Plan - Reporting of Compost to Florida DEP: The typographic error in referencing DEP Composting Annual Report Form # 62-701.900(11) was not corrected as indicated. Please provide detailed vendor information, drawings, and specifications for the "Kawasaki front end loader with bucket scale." Please provide the conversion factors that will be utilized to convert cubic yards to tons for each material type (finished compost, composted animal bedding, pine bark, soils, et.al.)

Please provide all responses that relate to engineering for design and operation, including plan sheets, signed and sealed by a professional engineer. Responses that relate to the facility operations should be included as part of the Operation Plan. All replacement pages should be numbered, and with revision date.

"NOTICE! Pursuant to the provisions of Section 120.60, F.S., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after you receive this letter, responding to as many of the information requests as possible and indicating when a response to any unanswered questions will be submitted. If the response will require longer than 30 days to develop, you should develop a specific timetable for the submission of the requested information for Department review and consideration. Failure to comply with a timetable accepted by the Department will be grounds for the Department to issue a Final Order of Denial for lack of timely response. A denial for lack of information or response will be unbiased as to the merits of the application. The applicant can reapply as soon as the requested information is available."

You are requested to submit 3 copies of your response to this letter as one complete package with an original and two copies of all correspondence (with one copy sent to Ms. Susan Pelz). If there are points that must be discussed and resolved, please contact me at (813) 744-6100 ext. 385.

Sincerely,



Steven G. Morgan  
Solid Waste Section  
Southwest District

SM/sgm

cc: Kenneth "Ted" Wicks, Wicks Consulting Services, Inc., 3655 Belle Arbor Circle, Titusville,  
Florida 32780  
Virginia Watson, Sumter County Planning Department., 209 N. Florida Street, Bushnell,  
Florida 33513  
Francine Joyal, FDEP Tallahassee  
Susan Pelz, P.E., FDEP Tampa

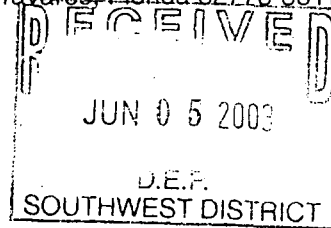
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S

**WICKS  
CONSULTING  
SERVICES, INC.**

OFFICE: (352) 343-8667 • FAX: (352) 343-8665 • E-MAIL: admin@wicksconsulting.com  
225 West Main Street • Tavares, Florida 32778-3811

**CERTIFIED MAIL 7002 2410 0005 9469 2586**

June 3, 2003



Mr. Steven G. Morgan  
Solid Waste Section  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

**REFERENCE: BLACK GOLD COMPOSTING FACILITY – SUMTER COUNTY, FL**  
**CERTIFICATION OF COMPLETION**  
**FDEP PERMIT MODIFICATION NO. 167962-003-SO**

Dear Mr. Morgan

In response to your letter dated May 12, 2003, and the following response is provided:

1. The stormwater permit is pending. A copy of the permit and supporting documentation will be provided as soon as it is received.
- 2.a. The revised As-Built for Area 1 is enclosed. The storage of other materials has been eliminated. These materials will not be stored or stockpiled in Area #1. These materials will be located at the bagging plant site that will be constructed in the future. The materials are already processed and are used in bagging of finished materials. The revised As-Built plans reflect the portions of Area 1 that have been constructed and depict the remaining area that is under construction. The capacity of Area 1 as shown will be in conformance with the Design Capacity Report previously approved.
- 2.b. The revised As-Built plans shown the location of the stormwater intercept berm as required.
- 2.c. The manure compost piles have been re-oriented to reduce the impact to the stormwater runoff.
3. The DEP Composting Annual Report was not corrected as previously indicated. It has now been corrected and a copy is enclosed.

There are no specifications available for the front-end loader. The basket scale is used by Black Gold to obtain a "bulk" density weight for the materials. All incoming and outgoing composted materials are measured on a cubic yard basis. The material is accounted for on a volume basis and

the weight is recorded in order to complete the required annual reports. Specifications for the equipment have been requested from the manufacturer and will be forwarded to you.

Enclosed are three (3) copies of the revised As-Built plans and supporting documentation.

It is hoped this response is sufficient to address the District's concerns. Please contact me if you need further information or have any questions.

Sincerely,

JUN 05 2003

  
SOUTHWEST DISTRICT  
Ted Wicks, P.E.

TW:kh

Enclosures

W C WICKS  
S CONSULTING  
SERVICES, INC.

# LETTER OF TRANSMITTAL

CERTIFIED MAIL 7002 2410 0005 9469 2739

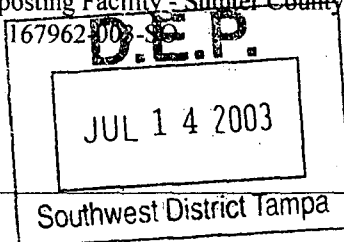
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225 West Main Street • Tavares, Florida 32778-3811  
Environmental, Sanitary & Water Resources Engineering

TO FDEP

3804 Coconut Palm Drive

Tampa FL 33619-8318

DATE July 11, 2003	JOB NO.
ATTENTION STEVEN G. MORGAN Solid Waste Section	
RE: Black Gold Composting Facility - Sumter County FDEP Permit No. 167962-003-90	



WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via \_\_\_\_\_ the following items:

☒ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☒ Listed ☐ Via Fax ☐ \_\_\_\_\_

COPIES	DESCRIPTION
3	Phase Area 1 Compost Pad Calculations (signed & sealed)

THESE ARE TRANSMITTED as checked below:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> For approval  | <input type="checkbox"/> Approved as submitted                               | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input type="checkbox"/> For your information / use  | <input type="checkbox"/> Approved as noted                                   | <input type="checkbox"/> Submit _____ copies for distribution |
| <input checked="" type="checkbox"/> As requested   | <input type="checkbox"/> Returned  | <input type="checkbox"/> Return _____ corrected prints        |
| <input type="checkbox"/> For review and comment  | <input type="checkbox"/> For signature                                       | <input type="checkbox"/> For your file                        |
| <input type="checkbox"/> FOR BIDS DUE _____  |  | <input type="checkbox"/> For Payment                          |
| <input type="checkbox"/> Fax Transmittal of _____ pages, including this transmittal sheet. | Hard Copy to Follow <input type="checkbox"/> Yes <input type="checkbox"/> No |   |

REMARKS:

Pursuant to your request, please find attached the pad calculations which have been signed & sealed.

Please contact me if you have questions or comments.

COPY TO \_\_\_\_\_

SIGNED: Ted Wicks, P.E.

tedwicks@wicksconsulting.com

# PHASE AREA 1

## PHASE AREA 1

PAD  
NUMBER

CROSS SECTIONAL AREA  
(81 SQ FT)

PAD VOL. IN C.F.

1	316.6	X	81	=	25723.75
2	326.3	X	81	=	26511.875
3	338.2	X	81	=	27478.75
4	352.4	X	81	=	28632.5
5	352.2	X	81	=	28616.25
6	360.2	X	81	=	29266.25
7	360.2	X	81	=	29266.25
8	360.2	X	81	=	29266.25
9	360.2	X	81	=	29266.25
10	360.2	X	81	=	29266.25
11	360.2	X	81	=	29266.25
12	356.2	X	81	=	28941.25
13	351.8	X	81	=	28583.75
14	367.5	X	81	=	29859.375
15	380.1	X	81	=	30883.125
16	322.9	X	81	=	26235.625
17	315.2	X	81	=	25610
18	357.6	X	81	=	29053.375
19	349.9	X	81	=	28427.75
20	342.2	X	81	=	27802.9375
21	334.5	X	81	=	27177.3125
22	326.8	X	81	=	26551.6875
23	319.1	X	81	=	25926.875
24	311.4	X	81	=	25301.25
25	303.7	X	81	=	24675.625
26	296	X	81	=	24050.8125
27	29.64	X	81	=	2408.25
28	42.78	X	81	=	3475.875
29	72.22	X	81	=	5867.875
30	105.8	X	81	=	8596.25
31	134.5	X	81	=	10928.125
32	137.9	X	81	=	11204.375
33	137.9	X	81	=	11204.375
34	135.6	X	81	=	11017.5
35	134.1	X	81	=	10895.625
36	50	X	81	=	4062.5
37	50	X	81	=	4062.5
38	50	X	81	=	4062.5

TOTAL VOL. OF COMPOST  
PAD IN C.F.

809427.1

