

**Morris, John R.**

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**From:** Morris, John R.  
**Sent:** Monday, February 20, 2012 2:40 PM  
**To:** Ted Strouse  
**Cc:** Pelz, Susan; Gaskin, Nancy  
**Subject:** Sumter County closed Class I landfill, facility #53008

Ted:

This message has been prepared to follow up our conversation last week regarding implementation of the proposed monitoring plan for the southern portion of the facility where shredded waste was buried. I checked our files last week and also checked with Susan and Nancy today to see if the results of the water level measurements at the new piezometers had been forwarded by the Sumter County solid waste folks. I do not believe that the Department has received the water level/direction of ground water flow information you had submitted to Sumter County.

I also asked Susan the question we discussed regarding the parameter list for the monitoring events to be conducted at the new monitor wells. It is her expectation that the initial ground water event would be conducted for the parameters listed in Rules 62-701.510(8)(a) and (8)(d), F.A.C. This is consistent with the parameter list presented in Section 8.3 of the "Groundwater Monitoring Plan" document dated May 2011 that you submitted. Following receipt of the results of the initial ground water sampling event, a reduction in the proposed quarterly sampling event parameter list would be considered.

Please contact me if you have questions about this message.

John

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John R. Morris, P.G.  
FDEP SW District Office, Solid Waste Section  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336  
E-mail: [john.r.morris@dep.state.fl.us](mailto:john.r.morris@dep.state.fl.us)

**Morris, John R.**

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**From:** Pelz, Susan  
**Sent:** Wednesday, June 15, 2011 12:56 PM  
**To:** Rick Potts; Morris, John R.  
**Cc:** 'Jackson, Jackey'; Cottrell, Scott  
**Subject:** RE: Sumter County Closed Landfill

Rick,

The Department does not object to the requested extension.

If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.  
Solid Waste Program Manager  
Southwest District

13051 N. Telecom Parkway  
Temple Terrace, Fl. 33637  
813-632-7600 x 386  
[susan.pelz@dep.state.fl.us](mailto:susan.pelz@dep.state.fl.us)

*The Department of Environmental Protection values your feedback as a customer. DEP Secretary Herschel T. Vinyard Jr. is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.*

**From:** Rick Potts [<mailto:rickpotts@cfl.rr.com>]  
**Sent:** Wednesday, June 15, 2011 12:29 PM  
**To:** Pelz, Susan; Morris, John R.  
**Cc:** 'Jackson, Jackey'  
**Subject:** Sumter County Closed Landfill

Hi Susan,

On behalf of Sumter County we request an extension of the due date specified in the landfill's long term care permit for submission of the current water quality evaluation for the facility. The extension will allow for incorporation of recent requests by the Department for additional data evaluations. We propose to include the requested information within the water quality evaluation report. We respectfully ask that the Department grant an extension of the submittal deadline to July 29, 2011.

Thank you for your consideration of this matter.

Best regards,

Richard L. Potts, Jr., P.G.  
Principal Hydrogeologist  
**THE COLINAS GROUP, INC.**  
377 Maitland Avenue  
Suite 2012  
Altamonte Springs, FL 32701

Office: (407) 622-8176  
Fax: (407) 622-8196  
Cell: (407) 620-5779  
email: [rickpotts@cfl.rr.com](mailto:rickpotts@cfl.rr.com)

**Morris, John R.**

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**From:** Morris, John R.  
**Sent:** Monday, June 13, 2011 5:55 PM  
**To:** 'ctltjs@aol.com'  
**Cc:** Jackey.Jackson@sumtercountyfl.gov; scott.cottrell@sumtercountyfl.gov; Pelz, Susan; Gaskin, Nancy  
**Subject:** RE: GWMP Sumter County Solid Waste Recycling

Ted:

The Department does not object to the implementation of ground water monitoring activities at the portion of the Sumter County closed Class I landfill parcel where shredded waste was buried as described in the document entitled "Ground Water Monitoring Plan for Sumter County Solid Waste Recycling Facility Storage Area," prepared by Central Testing Laboratory, Inc., dated May 5, 2011, as modified by the clarifications presented in your e-mail message dated June 9, 2011, subject to the following condition:

- In the event that sufficient saturated sediments are encountered above the confining unit during the installation of the four proposed piezometers to allow ground water sample collection [i.e., if a "surficial aquifer" is found], the County shall coordinate with the Department regarding the appropriateness of the construction details provided for the three proposed monitor well prior to their installation.

Please provide the Department with advance notice [via e-mail] when the activities related to piezometer installation, monitor well installation and monitor well sampling have been scheduled.

Your assistance in this matter is appreciated. Please contact me if you have questions about this message.

John

\*\*\*\*\*

John R. Morris, P.G.  
FDEP SW District Office, Solid Waste Section  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637-0926.  
Telephone: 813-632-7600, ext. 336  
E-mail: [john.r.morris@dep.state.fl.us](mailto:john.r.morris@dep.state.fl.us)

-----Original Message-----

**From:** Ted Strouse [<mailto:ctltjs@aol.com>]  
**Sent:** Thursday, June 09, 2011 4:08 PM  
**To:** Morris, John R.  
**Cc:** [Jackey.Jackson@sumtercountyfl.gov](mailto:Jackey.Jackson@sumtercountyfl.gov); [scott.cottrell@sumtercountyfl.gov](mailto:scott.cottrell@sumtercountyfl.gov)  
**Subject:** GWMP Sumter County Solid Waste Recycling

John

To follow up on our telephone conversation yesterday regarding the GWMP for the subject site, CTL offers the following clarifications and additional information. CTL will perform Standard Penetration Test (SPT) borings at the locations of each of the temporary piezometer locations to verify the soil profile across the site and to clearly identify the uppermost water bearing unit and the characteristics of the confining bed. Depending on the variability of the subsurface conditions encountered in these borings, and the proximity of the final monitor well locations in relation to the piezometer locations, SPT borings may be performed at each monitor well location as well.

After installing the piezometers, water level measurements will be made on a monthly basis over a period of three to four months. This data will be used to determine groundwater flow direction and seasonal fluctuations in water levels.

As discussed, CTL will move the background well (MWB-1) as shown on Figure 13 of the plan to a position further up gradient from the area of interest.



For example, if the groundwater flow is confirmed to be in a northwesterly direction, MWB-1 will be positioned in the proximity of piezometer PZ-3 as shown on Figure 12 of the plan.

The laboratory selected for analysis of the groundwater samples will be directed to comply with standards for minimum criteria when selecting methods. Specifically, methods selected will meet the minimum criteria of Chapter 62-677 FAC Table 1.

All test results will be reported electronically following current FDEP electronic reporting requirements.

I trust the clarifications and additional information provided is sufficient to allow for authorization to proceed with the GWMP. If you need additional information or further clarification please let me know.

Respectfully,

Theodore J. Strouse, P.E.  
President  
Central Testing Laboratory, Inc.  
130 Satellite Court  
Leesburg, Florida 34748  
(352) 787-1268  
(352) 728-2245 (fax)  
email: [tstrouse@ctfl.com](mailto:tstrouse@ctfl.com)

PERMIT  
FILE

SUMTER COUNTY  
CL I LTC

## Agenda

### **Sumter County Landfill Phase III Cover System Evaluation for Sumter County, Florida**

February 10, 2009

#### Items

1. Sign In and Introductions
2. Overview of Sumter County Landfill III History (Closure, Cover and Post Closure Activities)
3. Overview of Existing Cover Surface Characteristics and Maintenance Requirements
4. Overview of Proposed Improvements (Conceptual Plan) to Minimize Future Maintenance Requirements and Costs
5. Discussion (Comments/Concerns)
6. Other Questions
7. Review of Process and Next Step for Improvement Implementation
8. Meeting Minutes
9. Adjourn



# Florida Department of Environmental Protection

Southwest District  
13051 N. Telecom Parkway  
Temple Terrace, Florida 33637-0926

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

DATE: 02.10.2009

TIME: 2:00pm

LOCATION/CONFERENCE ROOM: 221

MEETING SUBJECT: Sumter County LF LTC - Cover Evaluation

## ATTENDEES

Name	Affiliation	Telephone	E-mail
Melissa Madden	FDPEP - Solid Waste	813/632-7600 x 374	melissamadden@dep.state.fl.us
Susan Pelz	FDPEP - Solid Waste	813-632-7600 x 386	
NANCY GASKIN	FDPEP - SOLID WASTE	" x 375	NANCY.GASKIN@DEP.STATE.FL.US
Bo Comerly	KHA	863-993-2518	bo.comerly@kimley-horn.com
CHRIS Germana	KHA	352-259-2232	Christopher.Germana@kimley-horn.com
Bill Stevens	Sumter Co. PWD	352-793-0240	Bill.Stevens@sumtercountyfl.gov
Jimmy Wise	SUMTER COUNTY S.W.	352-793-3368	Jimmy.Wise@sumtercountyfl.gov



SUMTER CO. MRF  
COMET site #126941

SUMTER CO. COMPOST  
COMET site #126940

SUMTER CO. WTC  
COMET site #126848

SUMTER CO. CLASS I LF  
WACS facility #53008  
COMET site #22926

Sumter County

2/10/09

Stormwater pond was designed to carry all runoff from site.

may want to leave asphalt in place

- place dirt to grade to drain
- proposing to overlap new liner & old liner & not weld together
- 12 inch bedding layer
- geosynthetic liner
- 12 inches soil above
- 6 inches vegetation & topsoil

They will do <sup>(three)</sup> a couple borings in middle compost pad to see if any waste under it -

- if <sup>the</sup> not, just make sure it's graded to drain (contingent)

- if there's waste will incorporate it into plan

gas -

- existing horizontal collectors tied to header

permit  $\Rightarrow$  construction "other" \$1000

minor mod of LTC \$250

# Santa Clara County PACTAC Closure

2/10/09

Want to Avoid ~~Rolling~~ Rolling up Asphalt

↳ Want to get to grass ~~cap~~ Cap over the area but how?

Was to See the grass cover plan I w/ asphalt  
by overlapping from high asphalt side w/ a geosynthetic  
liner ± dirt (12") w/ a geosynthetic 6" w/ water

↳ not begin HDS in to PVC in overlapping

↳ along EASTERN EDGE OF PAVEMENT

↳ need to regrade for drainage

SJP

"like level 24" of soil cover may be negotiable - especially since  
there is asphalt → just have to make sure that  
less cover like (12") is EQUAL in protection factor  
to protect cover → EQUIVALENT DESIGN to (24")

Also want to <sup>do</sup> <sup>3</sup> borings under compact asphalt pad to  
North → to determine whether there is waste underneath

Construction other - Permit Done when Done

↳ operation & maintenance will fall into LTC Permit

↳ Minor map of LTC Permit

**Morris, John R.**

---

**From:** Morris, John R.  
**Sent:** Friday, February 06, 2009 2:01 PM  
**To:** 'Wise, Jimmy'; Joseph L. Miller (JLMiller@pbsj.com)  
**Cc:** Pelz, Susan  
**Subject:** Sumter County Closed Class I landfill, permit #22926-003-SF, issued modification # 22926-004 dated 2-6-2009  
**Attachments:** Sumter County Closed CI 22926-004 issued modification dated 2-6-2009 w-attachments.pdf

Jimmy and Joe:

Attached please find the notice of permit modification, modified permit, and permit attachments for minor modification #22926-004 to permit #22926-003-SF for the referenced facility. Hard copy was mailed to the permittee only.

John

\*\*\*\*\*

John R. Morris, P.G.  
FDEP SW District Office, Solid Waste Section  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336  
Facsimile: 813-632-7664  
E-mail: [john.r.morris@dep.state.fl.us](mailto:john.r.morris@dep.state.fl.us)

## Morris, John R.

---

**From:** Morris, John R.  
**Sent:** Friday, February 06, 2009 2:00 PM  
**To:** 'dick.hoffman@sumtercountyfl.gov'; 'doug.gilpin@sumtercountyfl.gov';  
'garry.breeden@sumtercountyfl.gov'; 'michael.francis@sumtercountyfl.gov';  
'randy.mask@sumtercountyfl.gov'; 'bradley.arnold@sumtercountyfl.gov';  
'Aimee.Webb@sumtercountyfl.gov'; 'brad.cornelius@sumtercountyfl.gov';  
'marlene.otoole@myfloridahouse.gov'; 'robert.schenck@myfloridahouse.gov';  
'baker.carey.web@flsenate.gov'; 'dockery.paula.web@flsenate.gov'; Wick, Fred; Hornbrook,  
Frank; Moore, Ronni; Tedder, Richard; Pelz, Susan  
**Subject:** Sumter County Closed Class I Landfill, permit #22926-003-SF, issued modification #  
22926-004 dated 2-6-2009  
**Attachments:** Sumter County Closed CI 22926-004 issued modification dated 2-6-2009 w-attachments.pdf



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Mr. Bradley S. Arnold, County Adm.  
 Sumter County BCC  
 209 North Florida Street  
 Bushnell, FL 33513

PS Form 3800, August 2006

See Reverse for Instructions

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Bradley S. Arnold, County Adm.  
 Sumter County BCC  
 209 North Florida Street  
 Bushnell, FL 33513

*NOP-M #22926-004-SF to  
 Permit # 22926-003-BF  
 Sumter City Closed C&I LF*

2. Article Number

(Transfer from service label)

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**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*X Yine Chan*

- ☐ Agent  
☐ Addressee

B. Received by (Printed Name)

*T. Chavez*

C. Date of Delivery

*2/9*

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Florida Department of Environmental Protection  
Southwest District  
c/o John Morris – Solid Waste  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926

*Dept. of Environmental Protection*

**FEB 10 2009**

*Southwest District*



# Florida Department of Environmental Protection

Southwest District  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-632-7600

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

CERTIFIED MAIL 7008 0150 0003 4893 5137  
RETURN RECEIPT REQUESTED

February 6, 2009

## NOTICE OF PERMIT MODIFICATION

### **PERMITTEE:**

Sumter County Board of County Commissioners  
910 North Main Street, Room 201  
Bushnell, FL 33513

Attn: Mr. Bradley S. Arnold, County Administrator

Dear Mr. Arnold:

Attached is modified permit #22926-003-SF, issued pursuant to Section 403.087(1), Florida Statutes (F.S.), for long-term care of the Sumter County Closed Class I Landfill, Sumter County, Florida. The following revisions have been provided in modification #22926-004:

<b>Specific Condition #</b>	<b>Type of Modification</b>
Cover page (amended)	Revises permit expiration date and references permit modification #22926-004.
#2, (amended)	Indicates the long-term care monitoring and maintenance period for the facility has been extended to at least June 15, 2014.
#3., (amended)	References the application for permit modification and supporting information received October 16, 2008 and November 10, 2008.
#9., (amended)	Indicates financial assurance shall not be required for this facility after May 24, 2010.
#9.a., and #20., (amended)	References new address for the Department's Southwest District office.
#13.a., (amended)	References date of new Department Standard Operating Procedures.
#16.a., and #17.c., (amended)	Indicates elevations shall be referenced to a consistent, nationally recognized datum.
#20., (amended)	Revises reporting requirements for results of ground water sampling events.
#21., (amended)	Indicates due dates for supplemental monitoring plan evaluation reports to accommodate the new permit expiration date.
#22., (amended)	Revises the due date for submittal of permit renewal application or Stabilization Assessment Report to accommodate the new permit expiration date.

This letter and its attachments constitute a **complete permit and replace** all previous permits and modifications for the referenced facility.

PERMITTEE: Sumter County BOCC  
Sumter County Closed Class I Landfill  
Attn: Mr. Bradley S. Arnold

PERMIT #22926-003-SF  
MODIFICATION #22926-004  
Page 2 of 4

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by this modification of permit may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice. Petitions filed by other persons must be filed within 14 days of publication of the notice or receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
- (d) A statement of all material facts disputed by petitioner or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts, which the petitioner contends, warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

**PERMITTEE: Sumter County BOCC**  
**Sumter County Closed Class I Landfill**  
**Attn: Mr. Bradley S. Arnold**

**PERMIT #22926-003-SF**  
**MODIFICATION #22926-004**  
**Page 3 of 4**

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

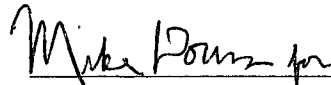
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In accordance with Section 120.573, F.S., the Department advises that mediation is not available in this case under the provisions of that statute. This does not prevent any interested parties from agreeing to other forms of alternate dispute resolution.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Deborah A. Getzoff  
District Director  
Southwest District

DAG/jrm

Attachment

**PERMITTEE: Sumter County BOCC**  
**Sumter County Closed Class I Landfill**  
**Attn: Mr. Bradley S. Arnold**

**PERMIT #22926-003-SF**  
**MODIFICATION #22926-004**  
**Page 4 of 4**

**Copies furnished to:**

Sumter County Board of County Commissioners, Garry Breeden, Chairman, [Garry.Breeden@sumtercountyfl.gov](mailto:Garry.Breeden@sumtercountyfl.gov)  
Sumter County Notification List  
Jimmy Wise, Sumter County Solid Waste, [Jimmy.Wise@sumtercountyfl.gov](mailto:Jimmy.Wise@sumtercountyfl.gov)  
Aimee Webb, Sumter County Development, [Aimee.Webb@sumtercountyfl.gov](mailto:Aimee.Webb@sumtercountyfl.gov)  
Joe Miller, P.E., PBS&J, [JLMiller@pbsj.com](mailto:JLMiller@pbsj.com)  
Ronni Moore, FDEP OGC Tallahassee  
Richard Tedder, P.E., FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Permit Notebook

**CERTIFICATE OF SERVICE**

This is to certify that this NOTICE OF PERMIT MODIFICATION and all copies were mailed before the close of business on February 6, 2009 to the listed persons.

**FILING AND ACKNOWLEDGMENT FILED,**  
on this date, pursuant to  
Section 120.52(10), F.S., with the  
designated Department Clerk, receipt  
of which is hereby acknowledged.

Marcia Haines  
Clerk

02/06/2009  
Date



# Florida Department of Environmental Protection

Southwest District  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-632-7600

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

## PERMITTEE

Sumter County Board of County Commissioners  
910 North Main Street, Room 201  
Bushnell, FL 33513

Attention: Bradley S. Arnold,  
County Administrator

## PERMIT/CERTIFICATION

WACS ID No.: SWD/60/53008  
Permit No.: 22926-003-SF  
Date of Issue: 06/28/2004  
Expiration Date: 06/15/2014  
County: Sumter  
Lat/Long: 28° 44' 36" N  
82° 05' 19" W  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County Closed  
Class I Landfill,  
Long-Term Care Permit

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapters 62-4, 62-330, 62-520, 62-522 and 62-701, Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to conduct long-term care, maintenance, and monitoring at the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Florida Department of Environmental Protection (Department), made a part hereof, and specifically described as follows:

For long-term care, monitoring and maintenance of a closed Class I landfill (approximately 30 acres), referred to as the Sumter County Landfill, subject to the specific and general conditions attached. The Sumter County Landfill is located approximately 1 mile east of I-75, south of C.R. 470, north of Bushnell, Sumter County, Florida.

Landfill details are summarized in the following table:

<u>Long Term Care Item</u>	<u>Description</u>
Final Survey Report	Updated site topography to be submitted within 90 days of completion of leveling and repaving the asphalt cover in accordance with Consent Order No. 04-0131 (see Specific Condition No. 8.e.)
Cert. of Closure Const. Completion (see Attachment 1)	Phase I - Inspection Dec. 6, 1989; DEP letter Dec. 11, 1989 Phase II - Inspection May 20, 1990; DEP letter May 24, 1990 Phase III - Inspection Feb. 22, 1990; DEP letter Mar. 5, 1990
Declaration to the Public	Recorded Feb. 25, 1998 (see Attachment 2)
Official Date of Closing	May 24, 1990
Date of Solid Waste Rule in Effect at Closing	Rule Date: Nov. 28, 1989
Long Term Care Period	Rule Citation: 17-701.075(1), F.A.C. Specified Duration: 20 years, minimum

<u>Landfill Feature</u>	<u>Description</u>
Bottom Liner Type	None
Leachate Collection	None
Final Cover/Cap	Phases I and II - synthetic cap, soil and vegetative cover Phase III - asphalt cap
Landfill Gas Venting	Passive vents

Replaces Permit No.: 22926-002-SF

Includes modification No. 22926-004-SF/TX, dated 02/06/2009.

This permit contains a summary of compliance items (see Attachment 3) that shall be submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the specified dates, enforcement actions may be initiated.

### GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
  - (a) Have access to and copy any records that must be kept under conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.



**GENERAL CONDITIONS:**

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

**GENERAL CONDITIONS:**

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
  - 1. the date, exact place, and time of sampling or measurements;
  - 2. the person responsible for performing the sampling or measurements;
  - 3. the dates analyses were performed
  - 4. the person responsible for performing the analyses;
  - 5. the analytical techniques or methods used;
  - 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

**1. Facility Designation.** This landfill shall be classified as a Class I closed landfill and shall be monitored and maintained in accordance with all applicable requirements of the Florida Administrative Code. Requirements for closure (Rule 17-701.070 through 17-701.074, F.A.C.), long-term care monitoring and maintenance (Rule 17-701.075, F.A.C.), and financial responsibility (Rule 17-701.076, F.A.C.) that are included in the Solid Waste Management Facilities rule with an effective date of November 28, 1989 remain in effect for the Sumter County landfill. Otherwise, the requirements in the current Solid Waste Management Facilities rule (Chapter 62-701, F.A.C., effective May 27, 2001) are in effect, except as identified by the Specific Conditions of this permit. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those Specific Conditions that are affected by the revision of regulations to incorporate those revisions.

**2. Facility Stabilization.** Rule 17-701.075(1), F.A.C. (effective date November 28, 1989) requires monitoring and maintenance of the facility in accordance with an approved closure plan for a minimum of 20 years from the date of closing. Any request for approval of a reduced long-term care period for the Sumter County Landfill shall provide reasonable assurance to the Department that the facility poses no significant threat to human health or the environment. Such a request must demonstrate that the facility has "stabilized" as indicated in Rule 17-701.020(61), F.A.C. (effective date November 28, 1989), as follows: the facility was closed with appropriate final cover, a good vegetative cover was established, and a good monitoring system was installed; and, there is a 10-year history of no leachate detected in the monitoring system, no detrimental erosion of cover has occurred, and subsidence of waste has ceased. ~~Prior to the expiration of the long-term care monitoring and maintenance period the Department may extend the time period if the closure design or closure operations plan has been found to be ineffective.~~ In accordance with the information provided on Item #B.1., of DEP Form #62-701.900(1) provided in support of minor permit modification #22926-004 [ref.SC#3], the long-term care monitoring and maintenance period is hereby extended until at least June 15, 2014.

**Amended 02/06/2009.**

**3. Permit Application Documents.** This permit is valid for long term care, monitoring and maintenance of approximately 30 acres of the landfill site in accordance with all applicable requirements of Department rules, and the reports, plans and other information, submitted as follow:

- Permit renewal application and supporting information, including:
  - Application fee for permit renewal, received February 24, 2003 (small county waiver)
  - Supporting information prepared by Springstead Engineering, Inc. (SEI), received February 24, 2003, including:
    - Section 1 - DEP Form No. 62-701.900(1), Solid Waste Management Facility
    - Section 2 - DEP Form No. 62-701.900(4), Waste Processing Facility
    - Section 3 - DEP Form No. 62-701.900(10), Production of Compost
    - Section 4 - Engineering Report
    - Section 5 - Operations Manual
    - Section 6 - Water Quality Reports
    - Section 7 - Waste Quantity Reports
    - Section 8 - Financial Assurance Cost Estimates
  - Ground Water Monitoring Plan Evaluation, 1998 - 2002 (GWMPE), prepared by Central Testing Laboratory (CTL), dated March 3, 2003, received March 5, 2003

**SPECIFIC CONDITIONS:**

**3. Permit Application Documents. (continued)**

- Responses to the Department's first request for additional information dated March 25, 2003, were received October 9, 2003, including:
  - Transmittal letter from SEI dated October 7, 2003 (14 pages, to Steven Morgan)
  - Transmittal letter from SEI dated October 7, 2003 (9 pages, to John Morris)
  - Section 1 - DEP Form No. 62-701.900(1), Solid Waste Management Facility, revised
  - Section 4 - *Engineering Report*, revised
    - Subsection entitled "Requirements of Section M"
    - Subsection entitled "Requirements of Section P"
    - Subsection entitled "Requirements of Section R"
    - Subsection entitled "Supplemental Information for Long Term Care"
    - Subsection entitled "Report of Effectiveness of Landfill Design"
    - Subsection entitled "General Maintenance for the Covered Areas of the Closed Class I Landfill"
  - Proof of Publication of Declaration to the Public dated February 12, 1998
  - Section 5 - *Sumter County Solid Waste Facility, Operations Manual*, revised
    - Subsection entitled "Section 5.0 - Long Term Care"
  - App. F - Monitoring Well Location Map, prepared by SEI, dated October 2003
  - App. F - Overall Site Plan, Sheet 1 of 1, prepared by SEI, dated October 8, 2003
  - Section 6 - Transmittal letter from CTL, dated July 24, 2003:
    - Responses to selected review comments from the Department's letter dated March 25, 2003, including comment Nos., 16, 17, 19, 20, 21, 23.c.1) through 23.c.4), 23.d.1) and 23.d.2), 23.e.1), 23.e.3), and 25.d.
    - Table A - Monitor Well Construction Details, Sumter County Closed Class I Landfill, revised May 27, 2003
    - Revisions to the GWMPE prepared by CTL, dated May 28, 2003 (page 11 of 12 of the GWMPE, received via facsimile November 6, 2003)
  - Section 7 - Copies of closure documents and record drawings provided for Phases I, II and III
- Responses to the Department's second request for additional information dated November 7, 2003, were received January 14, February 2, and March 4, 2004, including:
  - Report entitled "Gas Migration Study Report", prepared by CTL, dated January 13, 2004, received January 14, 2004
  - Submittal from SEI, dated Jan. 30, 2004, received Feb. 2, 2004, including:
    - Section 1 -- Transmittal letter from SEI dated January 30, 2004 (15 pages, addressed to Steven Morgan);
    - Section 2 - DEP Form No. 62-701.900(1), Solid Waste Management Facility, revised pages 4, 5, 32; 33, 39;
    - Section 3 -- *Engineering Report*, revised December 30, 2003;
      - Subsection entitled "Requirements of Section M"
      - Subsection entitled "Supplemental Information for Long Term Care"
      - Subsection entitled "Report of Effectiveness of Landfill Design"
      - Subsection entitled "General Maintenance for the Covered Areas of the Closed Class I Landfill"
    - Section 4 -- *Sumter County Solid Waste Facility, Operations Manual*, revised January 30, 2004;
      - Subsection entitled "Section 5.0 - Long Term Care"
    - App. F - Monitoring Well Location Map, prepared by SEI, revised Jan. 12, 2004
    - App. F - Overall Site Plan, Sheet 1 of 1, prepared by SEI, revised Jan. 12, 2004

**SPECIFIC CONDITIONS:**

**3. Permit Application Documents. (continued)**

- Section 5 - Transmittal letter from SEI dated January 30, 2004 (6 pages, addressed to John Morris);
- Section 6 - Transmittal letter from SEI dated January 14, 2004 (3 pages, addressed to Steven Morgan)
- Submittal from CTL dated March 2, 2004, received March 4, 2004, transmitting revisions to the GWMPE
- Responses to the Department's letter dated April 6, 2004 which listed insufficiency items, including:
  - Submittal entitled "Proposed Preliminary Contamination Assessment Plan, Sumter County Closed Class I Landfill, Sumter County, Florida", dated April 2004, prepared by The Colinas Group, Inc., was transmitted via a letter from Sumter County dated April 12, 2004, received April 15, 2004
  - Letter from SEI dated April 19, 2004, received April 20, 2004 transmitting revisions to page 5 of the application form
  - Revisions to the GWMPE prepared by CTL, dated April 8, 2004, received April 28, 2004
  - Figure entitled "Monitoring Well Map", prepared by SEI, revised June 23, 2004, received June 24, 2004.
- Application for minor permit modification (time extension) and supporting information dated October 10, 2008 (received October 16, 2008) and November 6, 2008 (received November 10, 2008).

**Amended 02/06/2009.**

**4. Permit Modifications.** Any activities not previously approved as part of this permit may require a separate permit unless the Department determines a permit modification to be more appropriate. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts and which requires a detailed review by the Department is considered to be a substantial modification.

**5. Control of Access.** Access to, and use of, the facility shall be controlled to prevent unauthorized dumping, or use of the facility by unauthorized persons as required by Rule 62-701.600(5)(i), F.A.C., and to protect the monitoring devices and general landfill condition.

**6. Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this facility. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public and confirmed by Department personnel upon site inspection shall constitute a nuisance condition and the permittee must take immediate corrective action to abate the nuisance.

**7. Stormwater System Management.** The existing surface water management system shall be designed, constructed, operated and maintained to prevent surface water from running on to waste-filled areas. The existing surface water management system shall also include a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Rule 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10) to meet applicable standards of Chapters 62-25, 62-302 and 62-330, F.A.C.

**SPECIFIC CONDITIONS:**

**8. Facility Maintenance and Repair.**

- a. The site shall be properly maintained, including erosion control, maintenance of final cover (soil and vegetative cover and asphalt cover), maintenance of the monitor wells, maintenance of the gas probes, maintenance of the stormwater management system, and prevention of ponding over filled areas.
- b. In the event of damage to any portion of the landfill site facilities, failure of any portion of the landfill systems (including dry or damaged wells), fire or explosion, the permittee shall **immediately (within 24 hours of discovery by the permittee or permittee's representative)** notify the Department explaining such occurrence, remedial measures to be taken, and time needed for repairs. Written detailed notification shall be submitted to the Department within **seven (7) days** following the occurrence outlining the cause of the failure and action taken to prevent such failures from recurring.
- c. In the event that any portion of the ground water monitoring system or gas probes are damaged, remedial measures shall be completed **within sixty (60) days** of the written notification required in Specific Condition No. 8.b., above, unless the Department determines that a minor permit modification is required, in which case the requirements of Specific Condition No. 17, below, shall apply.
- d. In the event that the stormwater system is damaged or is not operating effectively, corrective actions shall be implemented **within thirty (30) days** of the written notification required in Specific Condition No. 8.b., above, unless otherwise approved by the Department.
- e. The permittee shall inspect the previously closed portions of the landfill, at a minimum, **quarterly**. Repairs to the asphalt cover of the landfill shall be completed in accordance with Consent Order No. 04-0131. An updated site survey shall be provided within 90 days of completion of the required corrective actions to demonstrate the landfill cover has been adequately sloped to drain stormwater. Following completion of these repairs, any future instances where the asphalt final cover is found to be cracked, gouged, or otherwise damaged such that stormwater may infiltrate into the landfill below, the Department shall be notified as required by Specific Condition No. 8.b., above, and shall be repaired **within two (2) weeks** of the Department's approval of the corrective action plan.
- f. Closed areas which are not covered by asphalt shall be inspected for erosion **within 48 hours** of each significant rainfall event. Areas with significant erosion shall be repaired **within two (2) weeks** of discovery.
- g. Use of closed landfill areas requires consultation with and approval by the Department prior to conducting these activities in accordance with Rule 62-701.610(7), F.A.C.

**SPECIFIC CONDITIONS:**

**9. Financial Assurance/Cost Estimates.** The permittee shall provide adequate financial assurance for this facility and related appurtenances in accordance with Rule 17-701.076, F.A.C. (rule effective date November 28, 1989). Financial assurance shall not be required for this facility after May 24, 2010 (which represents 20 years from the date of landfill closure certification approval for the Phase II area).

**Amended 02/06/2009.**

**a.** All costs for long-term care, monitoring and maintenance shall be adjusted and submitted **annually, by September 1<sup>st</sup> each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.

**Amended 02/06/2009.**

**b.** Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

**10. Gas Migration Monitoring.** Landfill gas migration monitoring shall be conducted **annually** to ensure that combustible gas concentrations remain below 25% of the Lower Explosive Limit (LEL) calibrated to methane in all enclosed structures and below 100% of the LEL at the property boundary. Results of the annual landfill gas monitoring events shall be submitted **by December 15<sup>th</sup>** of each year, as follow:

**a.** Installation of gas probes GP-1 through GP-4 as shown on Figure 1 entitled "Monitoring Well Map", prepared by SEI, received June 24, 2004, **(attached)** shall be completed **within 90 days of permit issuance** in accordance with the construction details provided on the figure entitled "Typical Gas Monitoring Probe", prepared by SEI, received Feb. 2, 2004 **(attached)**. An initial monitoring of gas probes GP-1 through GP-4 shall be conducted **within seven (7) days of installation** and the results shall be submitted to the Department **within seven (7) days of monitoring**. New gas probes GP-1 through GP-4 shall also be included in the annual monitoring events.

**b.** Existing gas probes M-1 through M-29 as shown on the aerial photograph prepared by CTL **(attached)** shall be included in the annual monitoring events.

**c.** Ambient gas monitoring locations shall be sampled before the buildings are opened and in enclosed areas (i.e., electrical boxes, closets and restrooms, etc.), and included in the annual monitoring events at the following structures:

- "old" materials recovery building
- "new" materials recovery facility tipping area
- scale house/office building
- kennel for animal control
- Sheriff Department building

**d.** The annual gas monitoring event conducted prior to permit renewal shall also include the gas vents located within the closed landfill to determine if the buried wastes remain biologically active and continue to generate significant concentrations of landfill gases.

**SPECIFIC CONDITIONS:**

**10. Gas Migration Monitoring. (continued)**

e. The Department may require the installation of additional gas probes and/or ambient monitoring locations within any structures that may be associated with future uses of the property.

**11. Gas Remediation.** Gas concentrations exceeding 100% LEL in perimeter locations (GP-1 through GP-4, and M-1 through M-29) or 25% LEL in any on-site structure shall be reported to the Department **within 7 days of detection**, and shall be accompanied by a remediation plan describing the nature and extent of the gas migration problem and the proposed remedy. The remedy shall be completed **within 60 days of detection** unless otherwise approved by the Department.

**12. Water Quality Requirements.** The landfill shall be monitored throughout its design period (which includes long-term care) to control the movement of waste and waste constituents into the environment so that ground water and surface water quality standards and criteria of Chapters 62-4, 62-302, and 62-520, F.A.C., will not be violated beyond the zone of discharge specified for the landfill.

**13. Water Quality Monitoring Quality Assurance.**

a. All field work done in connection with the facility's Water Quality Monitoring Plan shall be conducted in accordance with the Standard Operating Procedures (SOPs) described in DEP-SOP-001/01 (March 31, 2008) [or as replaced by successor SOPs], as referenced in Rule 62-160.210(1), F.A.C. All laboratory analyses done in connection with the facility's Water Quality Monitoring Plan shall be conducted by firms that hold certificates from the Department of Health Environmental Laboratory Certification Program under Chapter 64E-1, F.A.C., as referenced in Rule 62-160.300(1), F.A.C. The SOPs utilized and the laboratory's list of certified test methods and analytes must specifically address the types of sampling and analytical work that are required by the permit and shall be implemented by all persons performing sample collection or analysis related to this permit. Alternate field procedures and laboratory methods may be used if approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C., respectively.

**Amended 02/06/2009.**

b. The field testing, sample collection and preservation, and laboratory testing, including the collection of quality control samples, shall be in accordance with the requirements of and methods approved by the Department in accordance with Rule 62-4.246 and Chapter 62-160, F.A.C. Approved methods published by the Department or as published in Standard Methods, or by A.S.T.M., or EPA methods shall be used.

**14. Zone of Discharge.**

a. The zone of discharge for this facility shall extend horizontally 100 feet from the limits of the landfill phase edges or to the property boundary, whichever is less, and shall extend vertically through the surficial aquifer to the bottom of the first confining unit.

b. The permittee shall ensure that the water quality standards and minimum criteria for Class G-II ground waters will not be exceeded at the boundary of the zone of discharge according to Rule 62-520.420, F.A.C., and that the minimum criteria listed in Rule 62-520.400, F.A.C., will not be exceeded outside the footprint of the landfill.



**SPECIFIC CONDITIONS:**

**15. Ground Water Monitor Well Locations.** The ground water monitor wells shall be located as shown on Figure 1 entitled "Monitoring Well Map", prepared by SEI, received June 24, 2004 (**attached**), as follow:

<u>Well No.</u>	<u>WACS Testsite No.</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-2	4535	Floridan	Lateral detection/ Vertical compliance	See Figure 1
MW-4	4537	Floridan	Lateral detection/ Vertical compliance	↓
MW-6A	4557	Floridan	Background	↓
MW-8	4592	Floridan	Lateral detection/ Vertical compliance	↓
MW-9A *	21211	Floridan	Lateral detection/ Vertical compliance	↓
MW-10 *	21212	Floridan	Lateral detection/ Vertical compliance	↓
MW-11 *	21213	Floridan	Lateral detection/ Vertical compliance	↓
MW-1	4534	Floridan	Piezometer	↓
MW-7	4564	Floridan	Piezometer	↓
MW-9	4593	Floridan	Piezometer	↓

\* = to be installed **within 60 days of permit issuance** in accordance with the construction details provided in Section 6.0 and Appendix IX of the document entitled "Ground Water Monitoring Plan Evaluation, 1998 - 2002", prepared by CTL, revised April 8, 2004, received April 28, 2004; documentation of well construction details as indicated in Specific Condition Nos. 17.a. and 17.c. shall be submitted **within 30 days of well installation**; an initial sampling event as indicated in Specific Condition No. 16.b. shall be conducted **within 7 days of well installation and development**; results of initial sampling event shall be submitted to the Department **within 60 days of sample collection**.

All monitor wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to minimize unauthorized access.

**16. Ground Water Sampling.** The locations, parameters, and frequencies specified herein represent the minimum requirements for ground water monitoring. Additional samples, wells, and parameters may be required based upon subsequent analysis. Method Detection Limits must be reported at or below the Maximum Contaminant Levels established for the individual parameters to demonstrate compliance with Class G-II ground water standards referenced in Chapter 62-520, F.A.C. Compliance with ground water standards will be based on analysis of unfiltered samples.

a. Ground water levels shall be measured for all sampling events described in Specific Condition Nos. 16.b., 16.c., and 16.d., at all active wells and piezometers listed in Specific Condition No. 15 to a precision of 0.01 foot. Ground water surface contour maps prepared for each sampling event shall include water elevations (using a consistent, nationally recognized datum) calculated for each well and piezometer.

**Amended 02/06/2009.**

**SPECIFIC CONDITIONS:**

**16. Ground Water Sampling. (continued)**

b. An initial sampling event shall be conducted at wells MW-9A, MW-10 and MW-11 **within 7 days of well installation and development** for analysis of the following parameters:

Field Parameters	Laboratory Parameters	
Static water levels	Total ammonia	Iron
before purging	Chlorides	Mercury
Specific conductivity	Nitrate	Sodium
pH	Total dissolved solids (TDS)	
Temperature	Parameters listed in 40 CFR	
Turbidity	Part 258, <b>Appendix II</b>	
Dissolved oxygen		
Colors & sheens (by observation)		

c. Wells MW-2, MW-4, MW-6A, MW-8, MW-9A, MW-10 and MW-11 shall be sampled **quarterly** for analysis of the following parameters:

Field Parameters	Laboratory Parameters		
Static water levels	Chlorides	Aluminum	Manganese
before purging	Fluoride	Antimony	Mercury
Specific conductivity	Nitrate	Cadmium	Silver
pH	Total ammonia	Chromium	Sodium
Temperature	Gross alpha	Iron	Thallium
Turbidity	Radium 226 + 228	Lead	
Dissolved oxygen	Total dissolved solids (TDS)		
Colors & sheens			
(by observation)			

d. To demonstrate that the reduced list of parameters listed in Specific Condition No. 16.c. remains appropriate, wells MW-2, MW-4, MW-6A, MW-8, MW-9A, MW-10 and MW-11 shall be sampled **during the fourth quarter of each year** for analysis of the parameters listed in Rule 62-701.510(8)(a), F.A.C., as follow:

Field Parameters	Laboratory Parameters	
Static water levels	Chlorides	Aluminum
before purging	Fluoride	Iron
Specific conductivity	Nitrate	Manganese
pH	Total ammonia	Mercury
Temperature	Total dissolved solids (TDS)	Sodium
Turbidity	Parameters listed in 40 CFR	
Dissolved oxygen	Part 258, <b>Appendix I</b>	
Colors & sheens	Gross alpha	
(by observation)	Radium 226 + 228	

**17. Ground Water Monitor Well Construction.** Prior to construction of any new or replacement wells (excluding wells MW-9A, MW-10 and MW-11), the permittee shall request and receive Department approval of a minor permit modification. The following information is required to be submitted within 90 days of new or replacement well installation, or as stated below:

a. Construction details for all new or replacement wells shall be provided to the Department's Southwest District Office on Department Form No. 62-522.900(3), Monitor Well Completion Form (**see Attachment 4**).

b. Within one week of well completion and development, each new or replacement well shall be sampled for the parameters listed in Rules 62-701.510(8)(a), and 62-701.510(8)(d), F.A.C.

**SPECIFIC CONDITIONS:**

**17. Ground Water Monitor Well Construction. (continued)**

c. A surveyed drawing shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitoring wells (active and abandoned) horizontally located in degrees, minutes and seconds of latitude and longitude, and the elevation of the top of the well casing to the nearest 0.01 foot, using a consistent, nationally recognized datum. The surveyed drawing shall include the monitor well identification number, locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

**Amended 02/06/2009.**

**18. Well Abandonment.** All wells not a part of the approved Water Quality Monitoring Plan shall be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the Southwest Florida Water Management District. The permittee shall submit a written report to the Department within 90 days of well abandonment documenting verification of the well abandonment. A written request for exemption to the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

**19. Verification/Evaluation Monitoring.** If at any time monitoring parameters are detected at concentrations significantly above background water quality, or exceed the Department's water quality standards or criteria at the edge of the zone of discharge, the permittee has 30 days within receipt of the laboratory data to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis to be representative of current ground water conditions at the facility. If the data is confirmed, or if the permittee chooses not to resample, the permittee shall notify the Department within 14 days of this finding. Upon notification by the Department, the permittee shall initiate evaluation monitoring, prevention measures and corrective action as described in Rule 62-701.510(7), F.A.C.

**20. Water Quality Reporting Requirements.** The results of each ground water sampling event conducted at the facility to comply with the Specific Conditions of this permit shall be included in reports that provide the following:

Electronic Data Deliverable (EDD) Portions of Report:

- An EDD on compact disk or flash drive media readable by Microsoft Windows in a format consistent with the requirements for evaluating the data and importing it into the Department databases that includes both field sampling data and laboratory data. The requirements for preparation of the EDD can be obtained on the Department's website at: <http://www.dep.state.fl.us/labs/dqa/adaptedms.htm>. The EDD shall provide the information required by Rules 62-701.510(9)(a)1 through 62-701.510(9)(a)7, F.A.C.

Hard Copy Portions of Report:

- Department Form 62-701.900(31) ["Water Quality Monitoring Certification"], certifying that the permittee has reviewed and approved the laboratory results;
- Certified laboratory report of results;
- Chain-of-custody documentation;
- Department SOP Form FD 9000-24 ["Ground Water Sampling Log"] for ground water sampling events; and,
- The information required by Rules 62-701.510(9)(a)8 through 62-701.510(9)(a)10, F.A.C.

**SPECIFIC CONDITIONS:**

**20. Water Quality Reporting Requirements. (continued)**

The permittee shall submit to the Department the results of analyses conducted for each sampling event conducted at the facility by the following due dates:

- a. Specific Condition No. 16.b. - results of ground water "initial sampling events" shall be submitted **within 60 days from completion of laboratory analyses;**
- b. Specific Condition Nos. 16.c., and 16.d. - results of ground water routine quarterly sampling events shall be submitted **within 60 days from completion of laboratory analyses and no later than January 15<sup>th</sup>, April 15<sup>th</sup>, July 15<sup>th</sup> and October 15<sup>th</sup> of each year** for the periods October 1-December 31, January 1-March 31, April 1-June 30, and July 1-September 30, respectively;
- c. Specific Condition No. 19. - results of ground water verification events shall be submitted **within 60 days from completion of laboratory analyses;**

The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.

**Amended 02/06/2009.**

**21. Ground Water Monitoring Plan Evaluation.**

a. An evaluation of the adequacy of existing wells MW-2 and MW-4 shall be submitted to the Department **within 30 days of receipt of Department approval** of the Preliminary Contamination Assessment Report (PCAR) prepared in accordance with Consent Order No. 04-0131. This evaluation shall be the basis for determining the need to install additional detection and/or compliance wells in the vicinity of wells MW-2 and MW-4. In the event that additional wells are required and upon receipt of Department approval of the recommendations of the PCAR, the permittee shall submit a request for minor permit modification to revise the approved monitoring plan (Specific Condition Nos. 15 and 16) and establish the routine list of parameters and sampling frequency at the additional wells.

b. **By June 15, 2006 and no later than one hundred and eighty (180) days before permit expiration (by December 15, 2008),** the permittee shall submit an evaluation of the water quality monitoring data. The due dates and time periods to be covered by the evaluations are summarized below:

<u>Ground Water Monitoring Evaluation Due Date</u>	<u>Starting Sampling Event</u>	<u>Ending Sampling Event</u>
June 15, 2006	First quarter 2003	First quarter 2006
December 15, 2008	Second quarter 2006	Third quarter 2008
June 15, 2011	Fourth quarter 2008	First quarter 2011
December 15, 2013	Second quarter 2011	Third quarter 2013

The evaluations shall include the applicable information as listed in Rule 62-701.510(9)(b), F.A.C., and shall include assessment of the effectiveness of the existing landfill design and operation as related to the prevention of ground water contamination. Any ground water contamination that may exist shall be addressed as part of a ground water investigation for the landfill assessment.

**Amended 02/06/2009.**

**SPECIFIC CONDITIONS:**

**22. Permit Renewal Requirements.** No later than **one hundred eighty (180) days prior to permit expiration (by December 15, 2013)**, the permittee shall apply for renewal of this long-term care permit on forms and in a manner prescribed by the Department, to assure conformance with all applicable Department rules. Applicants for permit renewal shall demonstrate how they will comply with any applicable new or revised laws or rules relating to construction, operation, or closure, monitoring and maintenance of landfills. Long-term care plans shall be updated at the time of permit renewal to reflect changes in closure design and long-term care requirements. The application must include an engineering report that evaluates the landfill cover, subsidence, gas generation and migration, stormwater control, and the status of other landfill systems. Alternately, the permittee may submit a Stabilization Assessment Report to demonstrate that the facility has "stabilized" as defined in Rule 17-701.020(61), F.A.C. (described in Specific Condition No. 2, above), and request that the Department authorize the termination of long-term care, monitoring and maintenance activities at the Sumter County Landfill. In the event that the provided data does not demonstrate that the facility has met the definition of "stabilized", renewal of the long-term care permit shall be required.

**Amended** 02/06/2009.

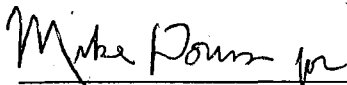
**23. Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications, permit modifications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

**24. General Conditions.** The permittee shall be aware of and operate under the "General Conditions." General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

**25. Permit Acceptance.** By acceptance of this Permit, the permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein, including the dates of permit expiration and renewal deadlines. It is a violation of this permit to fail to comply with all permit conditions and deadlines.

**Executed in Hillsborough County, Florida**

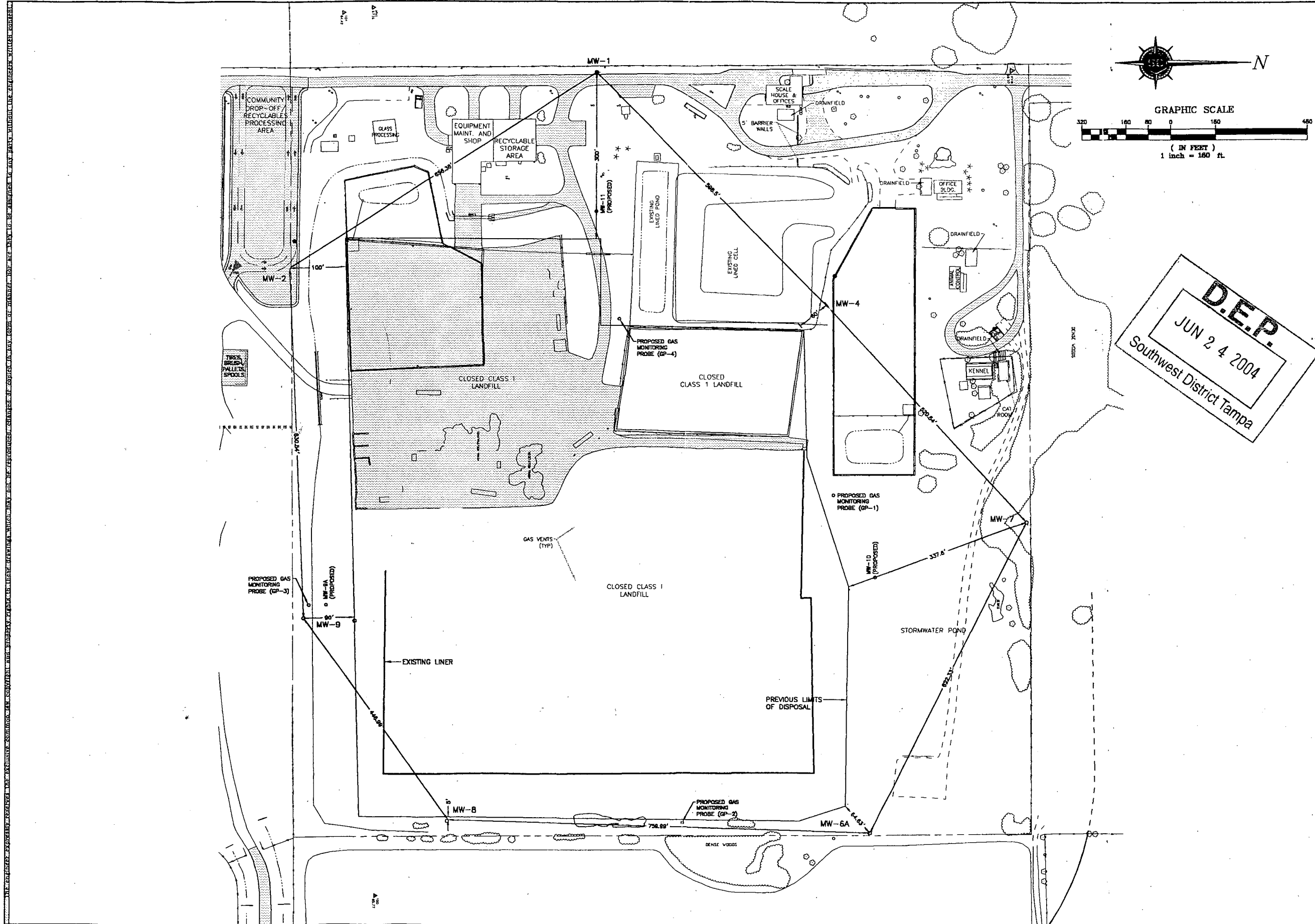
**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**



**Deborah A. Getzoff  
District Director  
Southwest District**

ATTACHMENT 3

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
9.a.	Annually by September 1 <sup>st</sup> of each year	Submit financial assurance cost estimate updates
9.b.	Annually	Submit proof of funding
10.	Annually, by December 15 <sup>th</sup> of each year	Submit results of landfill gas migration monitoring
20.	Quarterly, by January 15 <sup>th</sup> , April 15 <sup>th</sup> , July 15 <sup>th</sup> , and October 15 <sup>th</sup> of each year	Submit results of ground water sample analysis
21.b.	June 15, 2006, December 15, 2008, June 15, 2011, and December 15, 2013	Submit an evaluation of the ground water monitoring plan
22.	180 days prior to permit expiration (by December 15, 2013)	Submit permit renewal application or stabilization assessment report

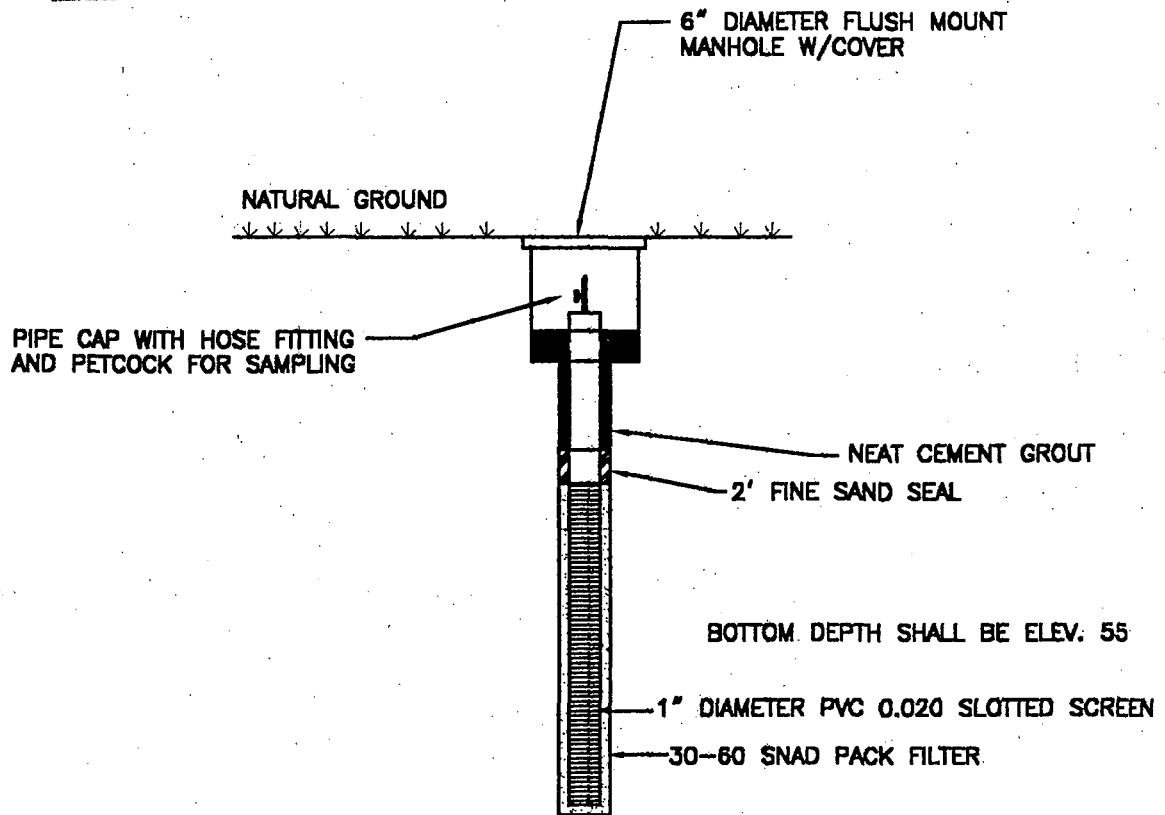


CLIENT:	SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS			DATE:	DATE:
PROJECT:	SUMTER COUNTY COMPOST FACILITY			DATE:	DATE:
DRAWING:	MONITORING WELL MAP			DATE:	DATE:
SCALE:	FILE:	DATE:	DATE:	DATE:	DATE:
AS SHOWN:	MASTER:	10/03			
DESIGN:	DRAWN:	CHECKED:			
RAW	JRM	RAW			
DRAWING:	MONITORING WELL MAP			DATE:	DATE:
CLIENT:	S.C.B.C.C.			DATE:	DATE:
JOB NO.:	COMPOST FACILITY			DATE:	DATE:
921100.020	SHEET: 1			DATE:	DATE:
	OF: 1			DATE:	DATE:

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

FEB 02 2004

SOUTHWEST DISTRICT  
TAMPA



TYPICAL GAS MONITORING PROBE  
NTS



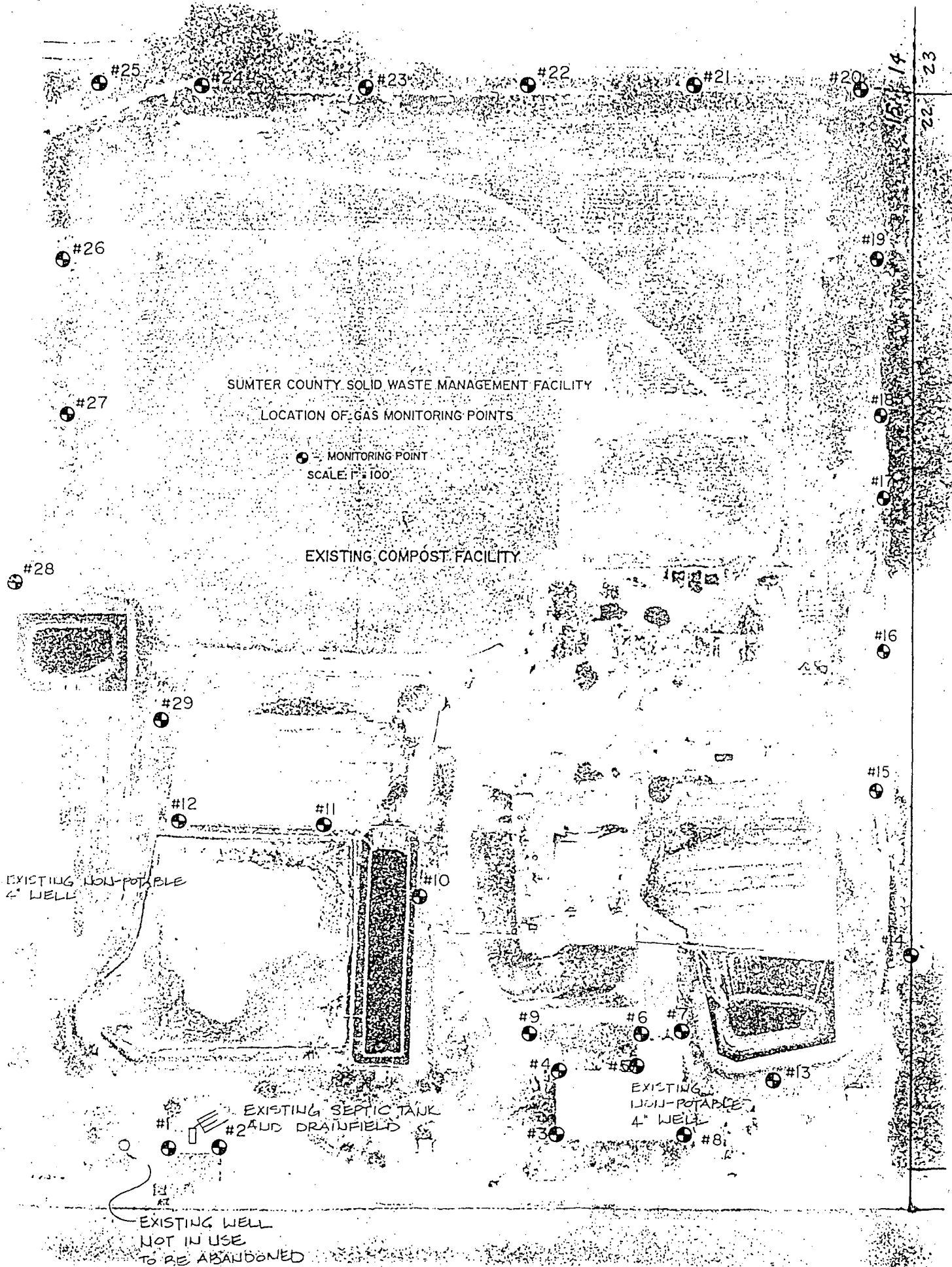
**Springstead  
Engineering, Inc.**  
Consulting Engineers  
Planners  
Surveyors

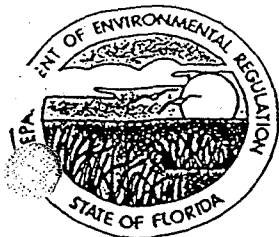
**TYPICAL GAS  
MONITORING PROBE**

821100.020

1/8/04







ATTACHMENT 1

## Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

December 11, 1989

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase I Cell Closure  
Permit No.: SC60-146475  
Inspection of New Lined Cell  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On December 6, 1989, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase I Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on October 25, 1989. The Department determines that the Phase I closure is developed in accordance with the approved permit.

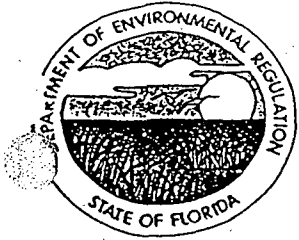
Regarding the new lined cell on site, we are concerned over the siting of the lift station inside the lined area of the new cell. This is a major deviation from the approved plans and we have no record drawings showing this change. Please submit an explanation for this deviation along with record drawings and a description of the measures taken to ensure that the lift station will not cause leakage through the newly installed liner. The Department does not approve the use of the new lined cell.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering



# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

May 24, 1990

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase II Cell Closure  
Permit No.: SF60-146475  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On May 22, 1990, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase II Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on May 10, 1990.

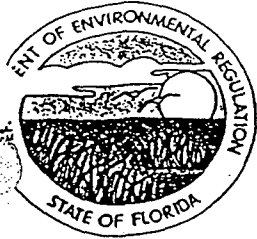
Present at the May 22, 1990, inspection were Garry Breeden, Tommy Hurst, Ralph Warnock, Matt Tala, Sandra Sequeira and Ernest Weeks. The Department determines that the Phase II closure is developed in accordance with the approved permit.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering



## Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garity, Deputy Assistant Secretary

March 5, 1990

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase III Cell Closure  
Permit No.: SF60-146475  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On February 22, 1990, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase III Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on February 7, 1990.

Present at the February 22, 1990, inspection were Kim Ford and Ernest Weeks. The Department determines that the Phase III closure is developed in accordance with the approved permit.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering

DECLARATION TO THE PUBLIC

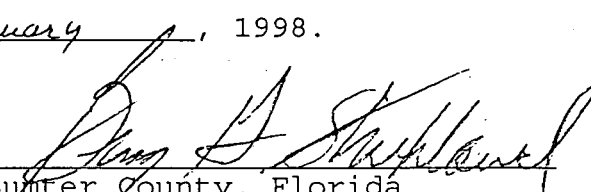
Sumter County, Florida, political subdivision of the State of Florida, does hereby declare that the following described real property is filled with solid waste and has been utilized as a land fill site. Any and all future owners or users of the following described real property should consult with the Florida Department of Environmental Protection prior to planning or initiating any activity involving the disturbance of the land fill cover, monitoring system or other control structures.

## Legal Description:

The South 990.00 feet of the SE 1/4 of the SE 1/4 of Section 15, Township 20 South, Range 22 East, Sumter County, Florida.

Map of area filled with solid waste attached hereto.

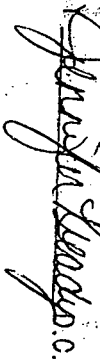
DATED this 10<sup>th</sup> day of February, 1998.

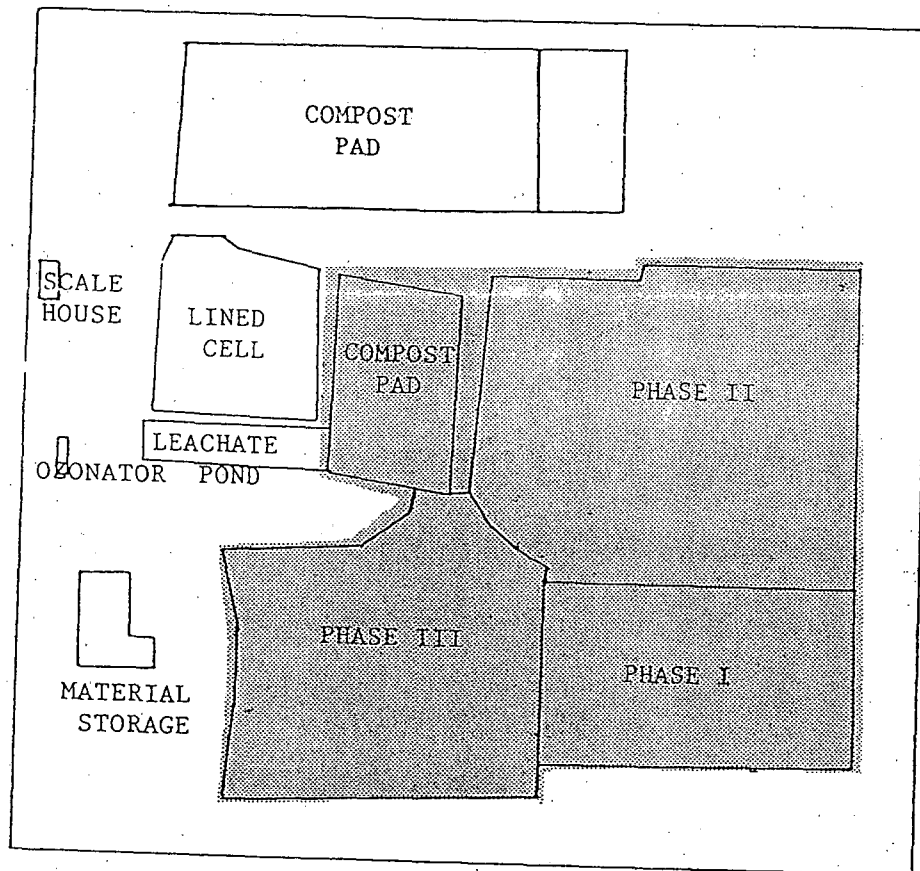
  
Sumter County, Florida  
By: Benny Strickland, Chairman


32477H

RECORDED IN  
PUBLIC RECORDS  
SUMTER COUNTY, FLA.

'98 FEB 25 PM 1 45

CLORIA R. HAYWARD  
CLERK OF CIRCUIT COURT  
BY  CLORIA R. HAYWARD, C.



 = AREA FILLED WITH SOLID WASTE

# ATTACHMENT 4

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

DEP Form # <u>62-522.900(3)</u>
Form Title <u>MONITOR WELL COMPLETION REPORT</u>
Effective Date _____
DEP Application No. _____ (Filled in by DEP)

## MONITOR WELL COMPLETION REPORT

DATE: \_\_\_\_\_

INSTALLATION NAME: \_\_\_\_\_

DEP PERMIT NUMBER: \_\_\_\_\_ GMS NUMBER: \_\_\_\_\_

WELL NUMBER: \_\_\_\_\_ WELL NAME: \_\_\_\_\_

DESIGNATION: Background \_\_\_\_\_ Immediate \_\_\_\_\_ Compliance \_\_\_\_\_

LATITUDE/LONGITUDE: \_\_\_\_\_

AQUIFER MONITORED: \_\_\_\_\_

INSTALLATION METHOD: \_\_\_\_\_

INSTALLED BY: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_ (bls) DEPTH OF SCREEN: \_\_\_\_\_ (bls)

SCREEN LENGTH: \_\_\_\_\_ SCREEN SLOT SIZE: \_\_\_\_\_ SCREEN TYPE: \_\_\_\_\_

CASING DIAMETER: \_\_\_\_\_ CASING TYPE: \_\_\_\_\_

LENGTH OF CASING: \_\_\_\_\_ FILTER PACK MATERIAL: \_\_\_\_\_

TOP OF CASING ELEVATION (MSL): \_\_\_\_\_

GROUND SURFACE ELEVATION (MSL): \_\_\_\_\_

COMPLETION DATE: \_\_\_\_\_

DESCRIBE WELL DEVELOPMENT: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): \_\_\_\_\_

DATE AND TIME MEASURED: \_\_\_\_\_

REMARKS: (soils information, stratigraphy, etc.): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

REPORT PREPARED BY: \_\_\_\_\_

(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

# Memorandum

# Florida Department of Environmental Protection

## PERMIT COVER MEMO

TO: Deborah A. Getzoff, District Director *WJD*

FROM/THROUGH:

*WJD* William Kutash, Environmental Administrator *2/5/09*  
*SP* Susan Pelz, Section Supervisor  
*SP* John Morris, Professional Geologist

DATE: February 5, 2009

FILE NAME: Sumter County Closed Class I Landfill, closure (long-term care) permit, minor modification

PERMIT No.: 22926-003-SF PROGRAM: Solid Waste COUNTY: Sumter

TYPE OF PERMIT ACTION: **ISSUE FINAL PERMIT**

PUBLIC NOTICE PERIOD CLOSED? N/A PETITION FILED? N/A

**PERMIT SUMMARY:** The application for **minor modification #22926-004** to permit #22926-003-SF was submitted to request an extension of the permit expiration date. This request for permit extension is consistent with Rule 62-701.315(3)(e), F.A.C., which allows solid waste closure permits that involve only long-term care activities to be issued for a 10-year duration. The application form submitted in support of the permit modification indicated that the County requested that the current permit be extended for the full 10-year duration as it does not appear to be feasible to submit a Stabilization Assessment Report that would demonstrate it was appropriate to discontinue monitoring and maintenance of the facility.

As of **February 5, 2009**: TIH -- 87 days; TTP -- 87 days

Date TTP

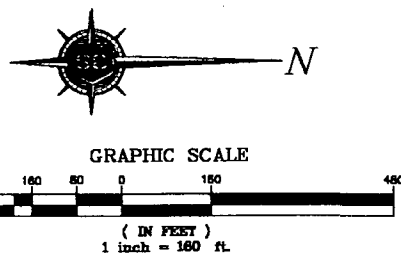
Application and supporting submittals rec'd	10-16-08	
E-mail message prepared to indicate the appropriate permit application fee	10-23-08	
Application fee rec'd	11-10-08	
Application deemed complete	12-9-08	30
E-mail message prepared to summarize the anticipated changes to the permit to accommodate the new expiration date.	1-6-09	27
Modified permit routed for signature	2-5-09	30

PROFESSIONAL RECOMMENDATION: X Approve    Deny

**EVALUATION SUMMARY:** Several specific conditions were revised to address the new permit expiration date and due dates for supplemental monitoring plan evaluation reports. Revisions were also provided to Specific Condition #2 that extended the long-term care monitoring and maintenance period at least through the new permit expiration date. The other significant revision was to Specific Condition #9 that provided relief from financial assurance for the facility after May 24, 2010, which represents completion of 20 years of long-term care following the date the last phase of the landfill was certified to be closed by the Department.

Day 90 is February 8, 2009






**D.E.P.**  
JUN 24 2004  
Southwest District Tampa

ATTACHMENT  
ORIGINALS

CLIENT:		SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS	
PROJECT:		SUMTER COUNTY COMPOST FACILITY	
DRAWING:		MONITORING WELL MAP	
		1 of 1	



**Springstead Engineering, Inc.**  
 Consulting Engineers  
 Architects, Planners  
 Surveyors  
 KS-0001723  
 727 South 14th Street  
 Leesburg, FL 34748  
 (352) 787-1414

SCALE: AS SHOWN	FILE: OVERALL- MASTER	DATE: 10/13
DESIGN: <i>Raw</i>	DRAWN: JSH	CHECKED: <i>Raw</i>

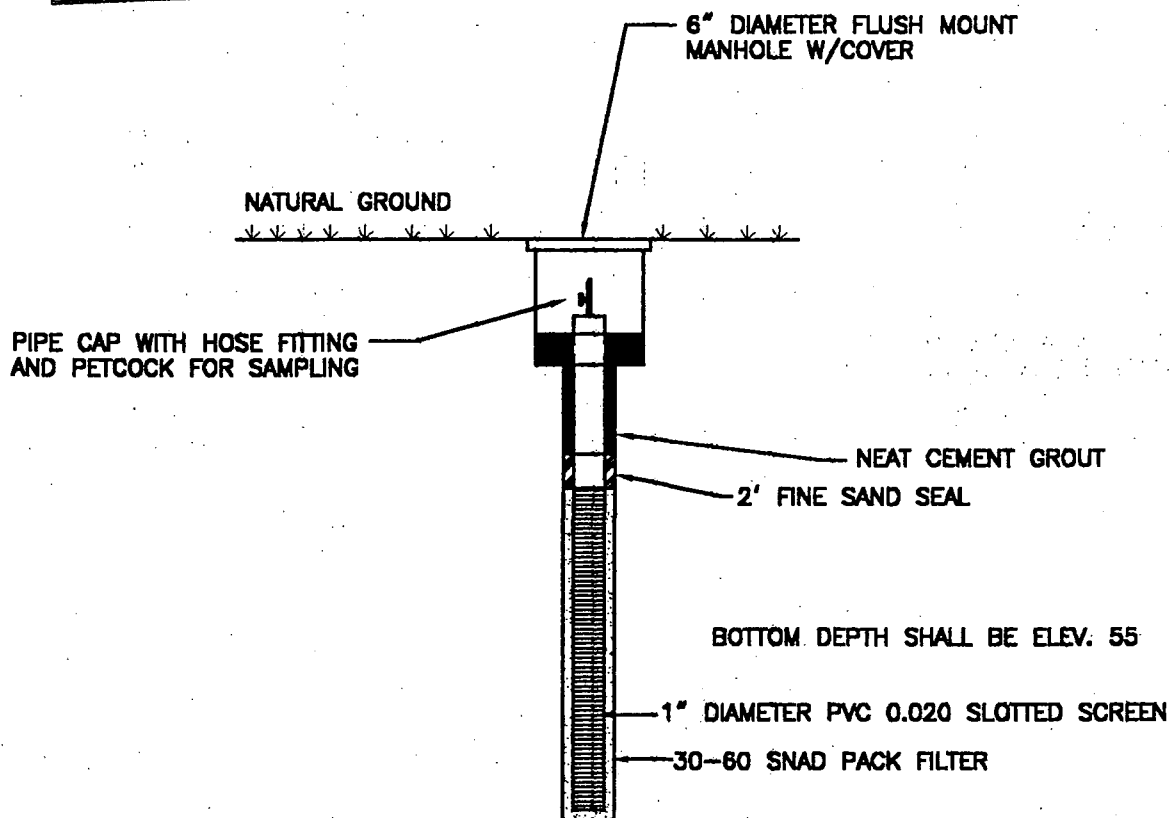
DRAWING:  
MONITORING WELL MAP

CLIENT: S.C.B.C.C. COMPOST FACILITY	
JOB NO.: 921100.020	SHEET: 1

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

FEB 02 2004

SOUTHWEST DISTRICT  
TAMPA



TYPICAL GAS MONITORING PROBE  
NTS

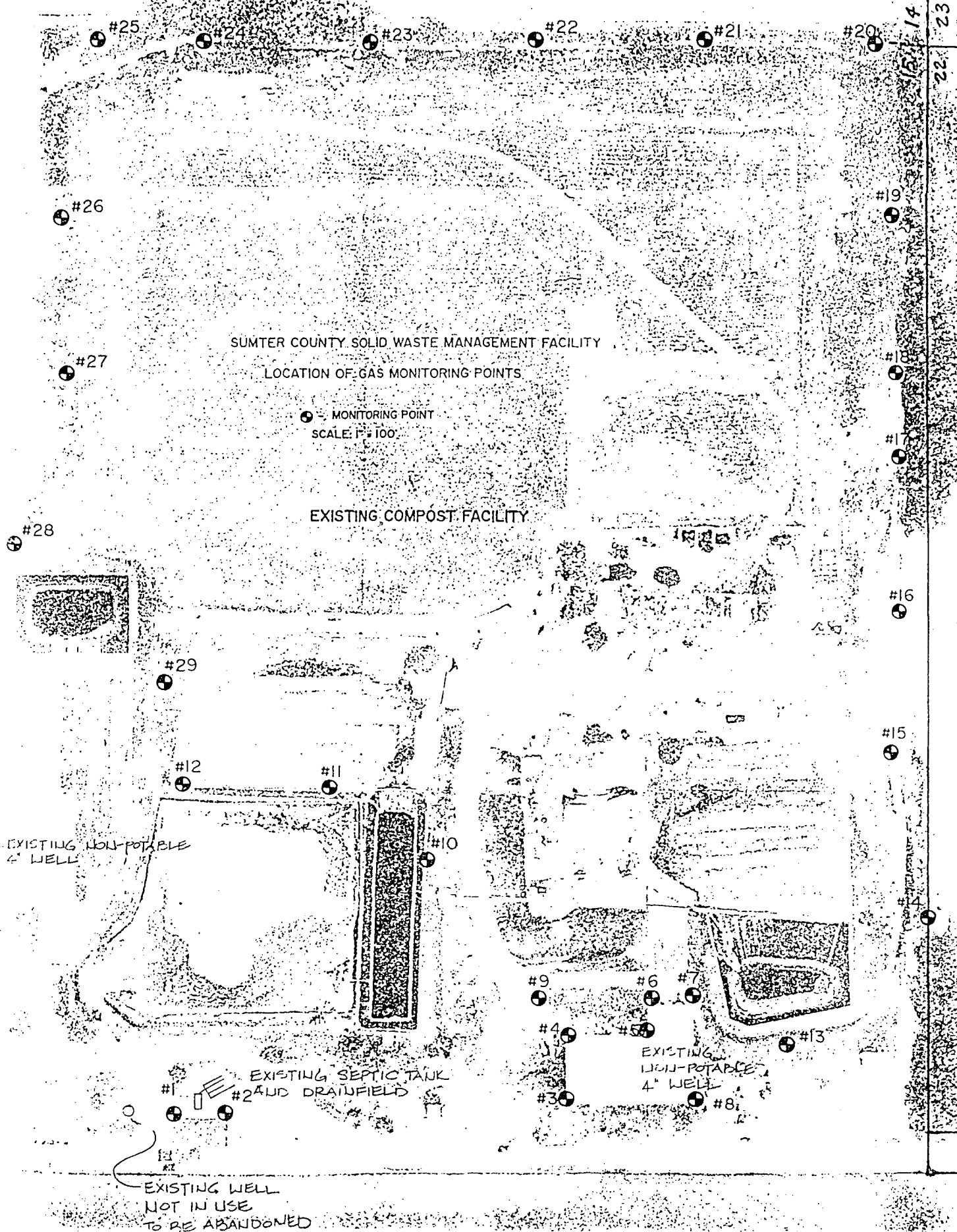


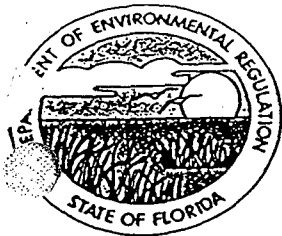
**Springstead  
Engineering, Inc.**  
Consulting Engineers  
Planners  
Surveyors

**TYPICAL GAS  
MONITORING PROBE**

821100.020

1/9/04





ATTACHMENT 1

## Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

December 11, 1989

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase I Cell Closure  
Permit No.: SC60-146475  
Inspection of New Lined Cell  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On December 6, 1989, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase I Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on October 25, 1989. The Department determines that the Phase I closure is developed in accordance with the approved permit.

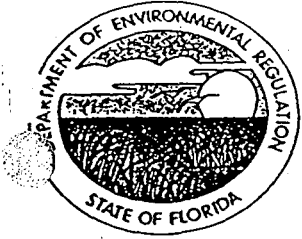
Regarding the new lined cell on site, we are concerned over the siting of the lift station inside the lined area of the new cell. This is a major deviation from the approved plans and we have no record drawings showing this change. Please submit an explanation for this deviation along with record drawings and a description of the measures taken to ensure that the lift station will not cause leakage through the newly installed liner. The Department does not approve the use of the new lined cell.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering



# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

May 24, 1990

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase II Cell Closure  
Permit No.: SF60-146475  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On May 22, 1990, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase II Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on May 10, 1990.

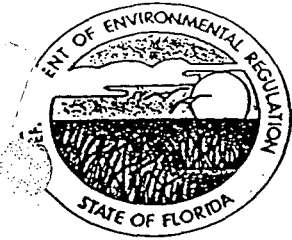
Present at the May 22, 1990, inspection were Garry Breeden, Tommy Hurst, Ralph Warnock, Matt Tala, Sandra Sequeira and Ernest Weeks. The Department determines that the Phase II closure is developed in accordance with the approved permit.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering



# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary  
Dr. Richard Garrity, Deputy Assistant Secretary

March 5, 1990

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase III Cell Closure  
Permit No.: SF60-146475  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On February 22, 1990, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase III Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on February 7, 1990.

Present at the February 22, 1990, inspection were Kim Ford and Ernest Weeks. The Department determines that the Phase III closure is developed in accordance with the approved permit.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering

DECLARATION TO THE PUBLIC

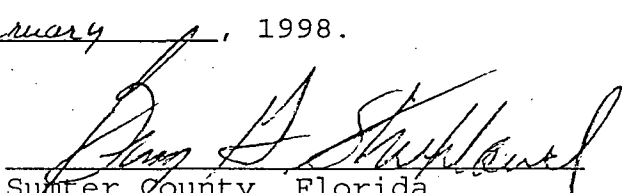
Sumter County, Florida, political subdivision of the State of Florida, does hereby declare that the following described real property is filled with solid waste and has been utilized as a land fill site. Any and all future owners or users of the following described real property should consult with the Florida Department of Environmental Protection prior to planning or initiating any activity involving the disturbance of the land fill cover, monitoring system or other control structures.

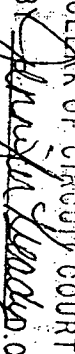
## Legal Description:

The South 990.00 feet of the SE 1/4 of the SE 1/4 of Section 15, Township 20 South, Range 22 East, Sumter County, Florida.

Map of area filled with solid waste attached hereto.

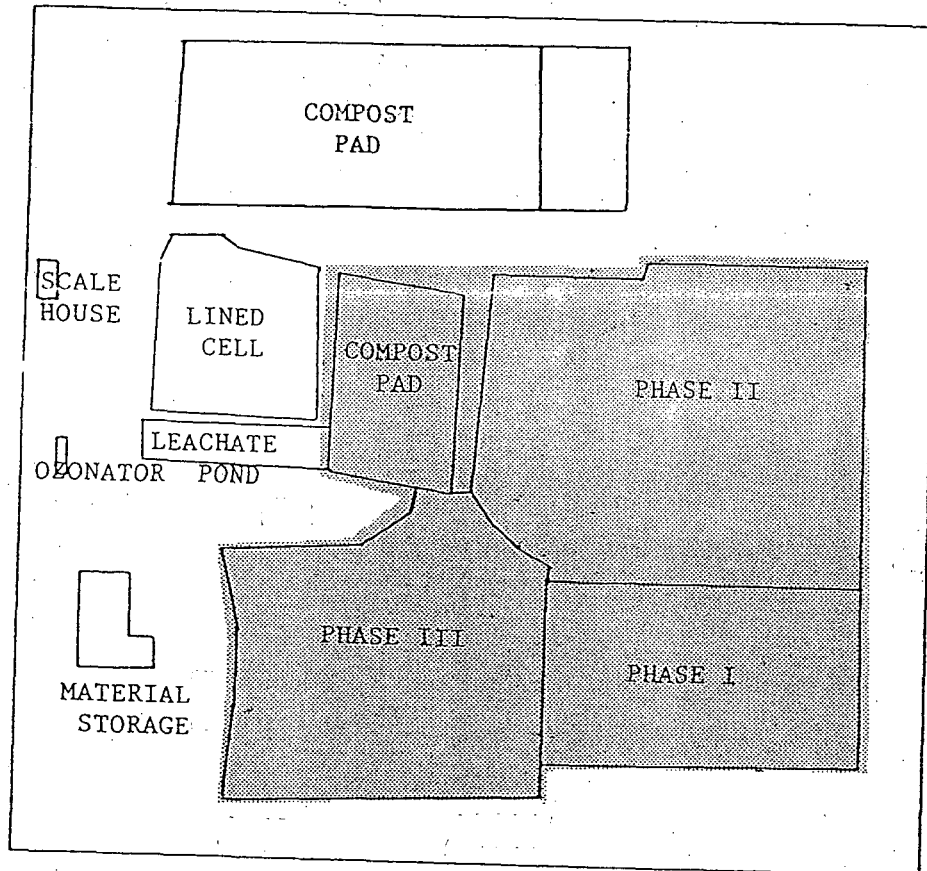
DATED this 10<sup>th</sup> day of February, 1998.


  
Sumter County, Florida  
By: Benny Strickland, Chairman

98 FEB 25 PM 1 45  
CLERK OF CIRCUIT COURT  
BY   
GLORIA R. HAYWARD

RECORDED IN  
PUBLIC RECORDS  
SUMTER COUNTY, FLA.

32477H



 = AREA FILLED WITH SOLID WASTE



# ATTACHMENT 4

## Florida Department of Environmental Protection

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

DEP Form # 62-522.900(3)

Form Title MONITOR WELL COMPLETION REPORT

Effective Date \_\_\_\_\_

DEP Application No. \_\_\_\_\_  
(Filled in by DEP)

## MONITOR WELL COMPLETION REPORT

DATE: \_\_\_\_\_

INSTALLATION NAME: \_\_\_\_\_

DEP PERMIT NUMBER: \_\_\_\_\_ GMS NUMBER: \_\_\_\_\_

WELL NUMBER: \_\_\_\_\_ WELL NAME: \_\_\_\_\_

DESIGNATION: Background \_\_\_\_\_ Immediate \_\_\_\_\_ Compliance \_\_\_\_\_

LATITUDE/LONGITUDE: \_\_\_\_\_

AQUIFER MONITORED: \_\_\_\_\_

INSTALLATION METHOD: \_\_\_\_\_

INSTALLED BY: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_ DEPTH OF SCREEN: \_\_\_\_\_ (bls)

SCREEN LENGTH: \_\_\_\_\_ SCREEN SLOT SIZE: \_\_\_\_\_ SCREEN TYPE: \_\_\_\_\_

CASING DIAMETER: \_\_\_\_\_ CASING TYPE: \_\_\_\_\_

LENGTH OF CASING: \_\_\_\_\_ FILTER PACK MATERIAL: \_\_\_\_\_

TOP OF CASING ELEVATION (MSL): \_\_\_\_\_

GROUND SURFACE ELEVATION (MSL): \_\_\_\_\_

COMPLETION DATE: \_\_\_\_\_

DESCRIBE WELL DEVELOPMENT: \_\_\_\_\_

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): \_\_\_\_\_

DATE AND TIME MEASURED: \_\_\_\_\_

REMARKS: (soils information, stratigraphy, etc.): \_\_\_\_\_

REPORT PREPARED BY: \_\_\_\_\_

(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

**Southwest District  
Permitting Application**

New Site

Site Name:		
Site ID:		
County:		
Type/Subcode:		
Fee submitted:	( ) correct	( ) incorrect
Total Fee Required \$ _____ Need \$ _____ Refund \$ _____		

Existing Site

Site ID:	22926 - 004	New/Modification/Renewal
Project Name:	SUMTER COUNTY CLOSED CLASS I LANDFILL	
Type/Subcode:	SF/TX	
Fee submitted:	\$ 50.00 ( / ) correct	( ) incorrect
Total Fee Required \$	50.00	Need \$ $\phi$ Refund \$ $\phi$

**Applicant Information**

Name:	BRADLEY S. ARNOLD		
Role:	APPLICANT		
Company:	SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS		
Address:	910 N. MAIN STREET, ROOM 201		
City:	BUSHNELL FL	Zip Code:	33513
Phone:	352-793-0200		

Fee verified by: JR MORRIS

Application Assigned To: JR MORRIS

Date: 11/12/08

Vendor No: 7057 FDEP

Account . .

INVOICE	DATE	DESCRIPTION	PAYABLE	DISCOUNT	AMOUNT PAID
110308G3	11/03/08	LONG TERM CARD PERMIT	50.00	.00	50.00
<div style="text-align: right; margin-top: 200px;"> 11/10/08 50 </div>					
SUMTER COUNTY BOCC	Check#	1006714	TOTAL	\$50.00	

ORIGINAL CHECK HAS A COLORED BACKGROUND PRINTED ON CHEMICAL REACTIVE PAPER SEE BACK FOR DETAILS

**SUMTER COUNTY BOCC**

910 N MAIN ST. STE 201

BUSHNELL, FL 33513-5006

PAYABLES CLEARING ACCOUNT

VOID AFTER 180 DAYS

SUNTRUST BANK, NATURE COAST  
BUSHNELL, FL 33513

63-215

631

0416500139996

Check Date	Check No.	Amount
11/06/08	1006714	\$50.00

PAY \*\*\*\* FIFTY AND 00/100 DOLLARS

TO THE FDEP  
ORDER SW DISTRICT OFF, SOLID WASTE  
OF 13051 N TELECOM PKWY  
TEMPLE TERRACE, FL 33637-0926

*Richard Hoffman*  
*Storia R. Hayward*  
Authorized Signatures

⑈ 1006714 ⑈ ⑈ 063102152⑈ 0416500139996 ⑈

Dept. of Environmental  
Protection 7057

Page 2 of 5

NOV 10 2008

Reduction or waiver of permit processing fees.—Notwithstanding any other provision of law, the Department of Environmental Protection and the water management districts shall reduce or waive permit processing fees for counties with a population of 50,000 or less on April 1, 1994, until such counties reach a population of 75,000 and municipalities with a population of 25,000 or less, or any county or municipality not included within a metropolitan statistical area. Fee reductions or waivers shall be approved on the basis of fiscal hardship or environmental need for a particular project or activity. The governing body must certify that the cost of the permit processing fee is a fiscal hardship due to one of the following factors:

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The permit applicant must be the governing body of a county or municipality or a third party under contract with a county or municipality and the project for which the fee reduction or waiver is sought must serve a public purpose. If a permit processing fee is reduced, the total fee shall not exceed \$100.

History.—s. 1, ch. 94-278; s. 8, ch. 98-258; s. 25, ch. 2004-305.

Please note that as indicated in Susan's message dated October 14, 2008 (see below), current information needs to be submitted to demonstrate that Sumter County continues to satisfy the requirements for a small county fee waiver. The information attached to your letter dated October 10, 2008 (letter prepared by former County Administrator Bernard Dew dated April 5, 2005 regarding a Resolution adopted by the Board of County Commissioners on May 24, 1994 certifying a fiscal hardship justifying a waiver or reduction in fees by the Department) does not appear to be current. Accordingly, supplemental information would need to be provided to demonstrate that Sumter County continues to qualify for a small county fee waiver. This information has been provided to assist the County in determining the appropriate application fee for future permit applications.

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I hope this information is helpful. Please contact me if you have questions about this message.

John

\*\*\*\*\*  
John R. Morris, P.G.  
FDEP SW District Office, Solid Waste Section  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336

No Invoice  
OCT 30 PM 3:49  
Audited and Approved  
Clerk of Circuit Court  
D.C.  
10-31-08 Date

## Morris, John R.

---

**From:** Morris, John R.  
**Sent:** Thursday, October 23, 2008 12:04 PM  
**To:** 'Miller, Joseph L'  
**Cc:** 'Wise, Jimmy'; 'Stevens, Bill'; 'Kuhl, Gary'; Gaskin, Nancy; Pelz, Susan  
**Subject:** RE: Permit Fees for Small Counties

**Importance:** High

Joe:

Your letter dated October 10, 2008, regarding closure (long-term care) permit #22926-003-SF was received on October 16, 2008. The letter indicated Sumter County's intention to submit an application for minor modification of the referenced permit to request a 5-year extension of the permit's duration.

This request appears to be consistent with Rule 62-701.315(3)(e), F.A.C., which indicates that closure permits for landfills which involve only long-term care can be issued with a 10-year duration. Please note, it is my recollection that when the application for permit #22926-002-SF was being processed, the County directed the Department to issue the permit with a 5-year duration. The renewal application for permit #22926-003-SF received on February 24, 2003 included a fee of \$100.00 which represented the small county fee waiver.

Chapter 62-701, F.A.C. includes the following regarding the application fees for closure (long-term care) permits:

- Rule 62-701.315(3)(e), F.A.C. – Closure permit for landfill which involves only long-term care (10-year duration) -- \$2,000
- Rule 62-701.620, F.A.C. – Long-term care shall be conducted in accordance with a closure permit. Closure permits involving only long-term care shall be issued with a duration of ten years unless the owner or operator specifically requests a shorter duration. If a shorter duration is requested, the permit fee shall be prorated.

Chapter 62-4, F.A.C., presents application fees for minor permit modifications, the most applicable of which are presented below:

- Rule 62-4.050(4)(s), F.A.C. – Minor modifications of permits that do not require substantial technical evaluation by the Department, do not require a new site inspection by the Department, and will not lead to substantially different environmental impacts or will lessen the impacts of the original permit:

3. that consist of transfers of permits or time extensions -- \$ 50

5. that consist of minor technical changes which involve new work, new work locations, new activities, or any other change which alters, replaces, or otherwise eliminates the work authorized by the permit when the original permit fee of the issued permit is more than or equal to \$300, except for Domestic Wastewater Facility Permits, Industrial Wastewater Facility Permits, Drinking Water (Public Water Supply) Permits, Underground Injection Control Permits and permits issued pursuant to Section 403.816, F.S. -- \$ 250

Please note that the small county application fee reduction/waiver criteria are presented in Section 218.075, Florida Statutes:

Reduction or waiver of permit processing fees.—Notwithstanding any other provision of law, the Department of Environmental Protection and the water management districts shall reduce or waive permit processing fees for counties with a population of 50,000 or less on April 1, 1994, until such counties exceed a population of 75,000 and municipalities with a population of 25,000 or less, or any county or municipality not included within a metropolitan statistical area. Fee reductions or waivers shall be approved on the basis of fiscal hardship or environmental need for a particular project or activity. The governing body must certify that the cost of the permit processing fee is a fiscal hardship due to one of the following factors:

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- (4) Ad valorem operating millage rate for the current fiscal year is greater than 8 mills; or
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The permit applicant must be the governing body of a county or municipality or a third party under contract with a county or municipality and the project for which the fee reduction or waiver is sought must serve a public purpose. If a permit processing fee is reduced, the total fee shall not exceed \$100.

History.—s. 1, ch. 94-278; s. 8, ch. 98-258; s. 25, ch. 2004-305.

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I hope this information is helpful. Please contact me if you have questions about this message.

John

\*\*\*\*\*

John R. Morris, P.G.  
FDEP SW District Office, Solid Waste Section  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336  
Facsimile: 813-632-7664  
E-mail: john.r.morris@dep.state.fl.us

---

**From:** Pelz, Susan  
**Sent:** Tuesday, October 14, 2008 7:37 AM  
**To:** 'Miller, Joseph L'  
**Cc:** Wise, Jimmy; Stevens, Bill; Kuhl, Gary; Morris, John R.; Gaskin, Nancy  
**Subject:** RE: Permit Fees for Small Counties

Joe/Jimmy,

The County will have to provide current information that still supports the small county fee waiver. The current information must include the population of the county, and the millage (if that is the basis for the requested fee waiver).

If they still qualify for the fee waiver, the fees will be:

1. Waste Processing Facility – Transfer Station (Permit fee \$2,000) fee=\$100
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3. Permit modification to extend the closed landfill long-term care permit from 5 years to 10 years (\$250 for modification. The usual permit application fee is \$2,000 for 10 years. Would there be an additional \$1,000 for the extra five years?). fee=\$100 for additional 5 years

If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.  
Solid Waste Program Manager  
Southwest District

13051 N. Telecom Parkway  
Temple Terrace, Fl. 33637  
813-632-7600 x 386  
[susan.pelz@dep.state.fl.us](mailto:susan.pelz@dep.state.fl.us)

---

**From:** Miller, Joseph L [<mailto:JLMiller@pbsj.com>]  
**Sent:** Monday, October 13, 2008 11:45 AM  
**To:** Pelz, Susan  
**Cc:** Wise, Jimmy; Stevens, Bill; Kuhl, Gary  
**Subject:** Permit Fees for Small Counties

Susan,

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Sumter County is preparing to submit applications for the following projects. I included the typical application fee for each of the applications in parentheses.

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Thanks!

Joe Miller  
482 South Keller Road  
Orlando, Florida 32804  
Phone: 407-806-4153  
Fax: 407-647-0624  
Cell Phone: 407-697-5928

[jlmiller@pbsj.com](mailto:jlmiller@pbsj.com)

## Page 2 of 5

NOV 10 2008

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Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336

No Invoice  
DEC 30 PM 3:49

Audited and Approved  
Clerk of Circuit Court  
pa D.C.  
10-31-08 Date



**Morris, John R.**

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**Sent:** Thursday, October 23, 2008 12:04 PM  
**To:** 'Miller, Joseph L'  
**Cc:** 'Wise, Jimmy'; 'Stevens, Bill'; 'Kuhl, Gary'; Gaskin, Nancy; Pelz, Susan  
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Facsimile: 813-632-7664  
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**From:** Pelz, Susan  
**Sent:** Tuesday, October 14, 2008 7:37 AM  
**To:** 'Miller, Joseph L'  
**Cc:** Wise, Jimmy; Stevens, Bill; Kuhl, Gary; Morris, John R.; Gaskin, Nancy  
**Subject:** RE: Permit Fees for Small Counties

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Fax: 407-647-0624  
Cell Phone: 407-697-5928

[jlmiller@pbsj.com](mailto:jlmiller@pbsj.com)

**Morris, John R.**

---

**From:** rick potts [rickpotts@cfl.rr.com]  
**Sent:** Wednesday, May 07, 2008 11:25 AM  
**To:** Morris, John R.  
**Cc:** Gaskin, Nancy; Madden, Melissa; Pelz, Susan  
**Subject:** Re: Sumter County Landfill

John,

Thanks for looking for the 12/07 Sumter County monitoring report copy. Just so you know, the report was delivered to your receptionist and signed for by R. Almand at 9:59 am on 1-15-07. Didn't want you to think that we messed up, and I have never personally seen the Department lose a delivered document. Go figure. I will get a replacement copy to you by the end of this week.

Thanks again,

Rick Potts

----- Original Message -----

**From:** Morris, John R.  
**To:** rick potts  
**Cc:** Gaskin, Nancy ; Madden, Melissa ; Pelz, Susan  
**Sent:** Tuesday, May 06, 2008 4:15 PM  
**Subject:** RE: Sumter County Landfill

Rick:

Sorry to say that we can't find the report for the December 2007 sampling event for the Sumter County closed Class I landfill. I wanted to make sure we hadn't sent it to our scanning section to have the report entered in Oculus before saying we had looked everywhere. Please send a copy of the report for the December 2007 sampling event.

Your assistance is appreciated. Please contact me if you have questions about this message.

John

\*\*\*\*\*

John R. Morris, P.G.  
FDEP SW District Office, Solid Waste Section  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336  
Facsimile: 813-632-7664  
E-mail: [john.r.morris@dep.state.fl.us](mailto:john.r.morris@dep.state.fl.us)

*The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.*

---

**From:** Morris, John R.  
**Sent:** Friday, May 02, 2008 5:47 PM  
**To:** 'rick potts'  
**Cc:** Gaskin, Nancy; Madden, Melissa  
**Subject:** RE: Sumter County Landfill

Rick:

I found the following recent reports for Sumter County closed Class I landfill:

- August 2007 sampling event results received October 11, 2007

- February 2008 sampling event results received April 2, 2008

I don't see the 2007QIV report. I'll look again on Monday when other folks are in the office so I can be sure I looked in all the right places.

John

\*\*\*\*\*

John R. Morris, P.G.  
FDEP SW District Office, Solid Waste Section  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336  
Facsimile: 813-632-7664  
E-mail: [john.r.morris@dep.state.fl.us](mailto:john.r.morris@dep.state.fl.us)

---

**From:** rick potts [<mailto:rickpotts@cfl.rr.com>]

**Sent:** Friday, May 02, 2008 9:26 AM

**To:** Morris, John R.

**Subject:** Sumter County Landfill

Hi John,

The Department's recent site inspection (March 7, 2008) report noted that the Quarter IV 2007 monitoring report for the landfill has not been received. Are you able to confirm or deny that you have it?

Thx

Richard L. Potts, Jr. P.G.  
THE COLINAS GROUP, INC.  
509 N. Virginia Avenue  
Winter Park, Florida 32789  
Off: (407) 622-8176  
Cell: (407) 620-5779  
Fax: (407) 622-8196  
email: [rickpotts@cfl.rr.com](mailto:rickpotts@cfl.rr.com)

Sumter Co  
permit file

**Pelz, Susan**

---

**From:** Wise, Jimmy [Jimmy.Wise@sumtercountyfl.gov]  
**Sent:** Wednesday, February 20, 2008 9:06 AM  
**To:** Pelz, Susan  
**Subject:** RE: Filter cake hauling

Thank you.

---

**From:** Pelz, Susan [mailto:Susan.Pelz@dep.state.fl.us]  
**Sent:** Wed 2/20/2008 9:00 AM  
**To:** Wise, Jimmy  
**Cc:** Gaskin, Nancy  
**Subject:** RE: Filter cake hauling

Jimmy,

Based on the test results provided, the material does not appear to be characteristically hazardous for toxicity. Therefore, the solid waste section **does not object** to the management of this material with Class I wastes at your facility. The material shall be disposed of as Class I waste. Please be reminded that this material shall only be managed within the leachate collection system/building at the facility.

If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.  
Solid Waste Program Manager  
Southwest District  
13051 N. Telecom Parkway  
Temple Terrace, FL 33637  
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[susan.pelz@dep.state.fl.us](mailto:susan.pelz@dep.state.fl.us)

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**From:** Wise, Jimmy [mailto:Jimmy.Wise@sumtercountyfl.gov]  
**Sent:** Wednesday, February 20, 2008 8:35 AM  
**To:** Pelz, Susan  
**Subject:** FW: Filter cake hauling

Hi Susan,

Hope you are doing well.

I have been asked by Skip McCall of Waste Services if I could accept filter cake with the attached analysis. Waste Services would do the hauling and we would ship it out with our garbage to Waste Services landfill at Holopaw. Skip was sure it was safe and could be put in the landfill. I told him I would check with you and go by whatever you relate to me. I do not want to accept something that you may come in and look at and want me to get tested. I am not doing anything until I hear back from you.

Thanks,

Jimmy

---

**From:** Skip McCall [mailto:SMcCall@wasteservicesinc.com]  
**Sent:** Tue 2/19/2008 4:31 PM  
**To:** Wise, Jimmy  
**Subject:** FW: Filter cake hauling

*Skip L. McCall*  
*District Manager - Lake County*  
*3935 Rogers Industrial Park*  
*Okahumpka, FL 34762*  
*Office Phone: 352-323-0824*  
*Office Fax: 352-728-6574*

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**\*\*\*\*\* Important Notice \*\*\*\*\***

**The Board of Sumter County Commissioners is a public agency subject to Chapter 119 of Florida Statutes concerning public records.**

**Pelz, Susan**

---

**From:** Wise, Jimmy [Jimmy.Wise@sumtercountyfl.gov]  
**Sent:** Wednesday, February 20, 2008 8:35 AM  
**To:** Pelz, Susan  
**Subject:** FW: Filter cake hauling  
**Attachments:** TCLP 2008 .pdf

Hi Susan,

Hope you are doing well.

I have been asked by Skip McCall of Waste Services if I could accept filter cake with the attached analysis. Waste Services would do the hauling and we would ship it out with our garbage to Waste Services landfill at Holopaw. Skip was sure it was safe and could be put in the landfill. I told him I would check with you and go by whatever you relate to me. I do not want to accept something that you may come in and look at and want me to get tested. I am not doing anything until I hear back from you.

Thanks,  
Jimmy

---

**From:** Skip McCall [mailto:SMcCall@wasteservicesinc.com]  
**Sent:** Tue 2/19/2008 4:31 PM  
**To:** Wise, Jimmy  
**Subject:** FW: Filter cake hauling

*Skip L. McCall*  
*District Manager - Lake County*  
*3935 Rogers Industrial Park*  
*Okahumpka, FL 34762*  
*Office Phone: 352-323-0824*  
*Office Fax: 352-728-6574*

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PC&B Environmental Laboratories, Inc.  
210 Park Road  
Oviedo, FL 32765-8801  
PHONE: 407-359-7194  
FAX: 407-359-7197

Report of Analysis  
TCLP Volatile Organics

CLIENT NAME: Lake Cogeneration  
PROJECT NAME: Annual TCLP  
PROJECT NUMBER:  
DATE RECEIVED: 10/12/2007  
ANALYTICAL PROTOCOL: EPA 1311/8260

Lab Reference Number	207100066-1
Client Sample ID	FACTOR
	CAKE/SALT
Date/Time Sampled	10/10/2007 09:00
Date/Time Extracted	10/12/2007 00:00
Date/Time Analyzed	10/17/2007 20:03
Sample Matrix (as Received)	Solid
Analysis Confirmed	GCMS
Dilution Factor	1
Result Units	PQL ug/l
Benzene	4.0 1.0 U
Carbon tetrachloride	4.0 1.0 U
Chlorobenzene	4.0 1.0 U
Chloroform	4.0 1.0 U
1,4-Dichlorobenzene	4.0 1.0 U
1,2-Dichloroethane	4.0 1.0 U
1,1-Dichloroethene	4.0 1.0 U
Methyl ethyl ketone	4.0 7.0
Tetrachloroethene	4.0 1.0 U
Trichloroethene	4.0 1.0 U
Vinyl chloride	4.0 1.0 U
(Surr) 1,2-Dichloroethane-d4 (%)	90
(Surr) Toluene-d8 (%)	104
(Surr) 4-Bromofluorobenzene (%)	95

U = Undetected. The value preceding the 'U' is the MDL for the analyte, based on dilution. Results reported on a Wet Weight basis.

NELAP FDOH Certification # E63239

Reviewed by



Page 4 of 12

PC&B Environmental Laboratories, Inc.  
210 Park Road  
Oviedo, FL 32765-8801  
PHONE: 407-359-7184  
FAX: 407-359-7197

Report of Analysis  
TCLP Semi-Volatile Organics

CLIENT NAME: Lake Cogeneration  
PROJECT NAME: Annual TCLP  
PROJECT NUMBER:  
DATE RECEIVED: 10/12/2007  
ANALYTICAL PROTOCOL: EPA 1311/6270

Lab Reference Number: 207100066-1  
Client Sample ID: FACTER  
CAKE/SALT  
Date/Time Sampled: 10/10/2007 09:00  
Date/Time Extracted: 10/18/2007 00:00  
Date/Time Analyzed: 10/22/2007 00:00  
Sample Matrix (as Received): Solid  
Analysis Confirmed: No  
Dilution Factor: 1  
Result Units: PQL ug/l

o-Cresol	5	5 U
m-Cresol	5	5 U
p-Cresol	5	5 U
2,4-Dinitrotoluene	25	25 U
Hexachlorobenzene	5	5 U
Hexachlorobutadiene	5	5 U
Hexachloroethane	5	5 U
Nitrobenzene	5	5 U
Pentachlorophenol	5	5 U
Pyridine	5	5 U
2,4,5-Trichlorophenol	5	5 U
2,4,6-Trichlorophenol	5	5 U
(Surr) 2-Fluorophenol (%)		12
(Surr) Phenol-d5 (%)		11
(Surr) Nitrobenzene-d5 (%)		38
(Surr) 2-Fluorobiphenyl (%)		41
(Surr) 2,4,6-Tribromophenol (%)		17
(Surr) Terphenyl-d14 (%)		28

U = Undetected. The value preceding the 'U' is the MDL for the analyte, based on dilution. Results reported on a Wet Weight basis.  
NELAP- FDOH Certification # E83239

Reviewed by:



Page 5 of 10

PC&B Environmental Laboratories, Inc.  
210 Park Road  
Oviedo, FL 32765-8801  
PHONE: 407-359-7194  
FAX: 407-359-7197

Report of Analysis  
TCLP Pesticides

CLIENT NAME: Lake Cogeneration  
PROJECT NAME: Annual TCLP  
PROJECT NUMBER:  
DATE RECEIVED: 10/12/2007  
ANALYTICAL PROTOCOL: EPA 1311/8081

Lab Reference Number: 207100066-1  
Client Sample ID: FACTER

CAKE/SALT

Date/Time Sampled: 10/10/2007 09:00

Date/Time Extracted: 10/16/2007 10:00

Date/Time Analyzed: 10/23/2007 00:47

Sample Matrix (as Received): Solid

Analysis Confirmed: No

Dilution Factor: 1

Result Units: PQL ug/l

Chlordane (technical): 10 10 U

Endrin: 5.0 5.0 U

Heptachlor: 5.0 5.0 U

Heptachlor epoxide: 5.0 5.0 U

Lindane: 5.0 5.0 U

Methoxychlor: 5.0 5.0 U

Toxaphene: 20 20 U

(Sum) Decachlorobiphenyl (%): 63

U = Undetected. The value preceding the 'U' is the MDL for the analyte, based on dilution. Results reported on a Wet Weight basis.

NELAP- FDOH Certification # E83239

Reviewed by



Page 2 of 13

PC&B Environmental Laboratories, Inc.  
210 Park Road  
Oviedo, FL 32765-8801  
PHONE: 407-359-7104  
FAX: 407-359-7197

Report of Analysis  
TCLP/Herbicides

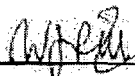
CLIENT NAME: Lake Cogeneration  
PROJECT NAME: Annual TCLP  
PROJECT NUMBER:  
DATE RECEIVED: 10/12/2007  
ANALYTICAL PROTOCOL: EPA 1311/8151

Lab Reference Number	207100068-1
Client Sample ID	FACTOR
	CAKE/SALT
Date/Time Sampled	10/10/2007 09:00
Date/Time Extracted	10/16/2007 10:00
Date/Time Analyzed	10/22/2007 15:37
Sample Matrix (as Received)	Solid
Analysis Confirmed	No
Dilution Factor	1
Result Units	PQL ug/l
2,4-D	500 500 U
2,4,5-TP (Silvex)	50 50 U

U = Undetected. The value preceding the "U" is the MDL for the analyte, based on dilution. Results reported on a Wet Weight basis.

NELAP- FDOH Certification # E83239

Reviewed by:



Page 1 of 13

PC&B Environmental Laboratories, Inc.  
210 Park Road  
Oviedo, FL 32765-8801  
PHONE: 407-359-7194

Report of Analysis

CLIENT NAME: Lake Cogeneration  
PROJECT NAME: Annual TCLP  
PROJECT NUMBER:  
DATE RECEIVED: 10/12/2007

Lab Reference Number: 207100068-1  
Client Sample ID: FACTER CAKE/SALT  
Date & Time Sampled: 10/10/2007 09:00  
Percent Moisture: 4.7  
Sample Matrix (as Received): Solid

Method	Parameter	POL	Results/Flag	Units	% Conf	Analyst	Date & Time Prep	Date & Time Anal
EPA 1311/6010	TCLP Arsenic	0.015	0.005 U	mg/l	20	GG	10/17/2007 12:00	10/17/2007 12:00
EPA 1311/6010	TCLP Barium	0.003	0.053	mg/l	20	GG	10/17/2007 12:00	10/17/2007 12:00
EPA 1311/6010	TCLP Cadmium	0.001 5	0.0005 U	mg/l	20	GG	10/17/2007 12:00	10/17/2007 12:00
EPA 1311/6010	TCLP Chromium	0.003	0.009	mg/l	20	GG	10/17/2007 12:00	10/17/2007 12:00
EPA 1311/6010	TCLP Lead	0.003	0.001 U	mg/l	20	GG	10/17/2007 12:00	10/17/2007 12:00
EPA 1311/7471	TCLP Mercury	0.000 6	0.0002 U	mg/l	20	YP	10/16/2007 00:00	10/16/2007 00:00
EPA 1311/6010	TCLP Selenium	0.009	0.003 U	mg/l	20	GG	10/17/2007 12:00	10/17/2007 12:00
EPA 1311/6010	TCLP Silver	0.001 5	0.0005 U	mg/l	20	GG	10/17/2007 12:00	10/17/2007 12:00

U = Undetected. The value preceding the 'U' is the MDL for the analyte. Results reported on a Dry Weight basis (where applicable).

NELAP FDOH Certification # E53239

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Reviewed by: 

# Quality Control Report for LCS Analysis

## TCLP Pesticides

Matrix: Leachate

Lab Sample ID: LCS

QC Batch ID: 200710PES1003F

LCS Units: ug/l

Analysis Date: 10/22/2007

Preparation Date: 10/16/2007

Method: EPA 1311/8081

Analyst: DNS

Analyte	LCS Conc	LCS Result	Percent Recovery	Lower Control Limit	Upper Control Limit
Chlordane(technical)	0.1	0.1	83	50	120
Endrin	0.1	0.1	67	25	155
Heptachlor	0.1	0.1	78	27	163
Heptachlor epoxide	0.1	0.1	80	29	157
Lindane	0.1	0.1	104	35	142
Methoxychlor	0.1	0.1	84	13	166
Toxaphene	0.1	0.1	87	50	120

# Quality Control Report for LCS Analysis

## TCLP Herbicides

Matrix: Leachate  
Lab Sample ID: LCS  
QC Batch ID: 200710HERB004F  
LCS Units: ug/l

Analysis Date: 10/22/2007  
Preparation Date: 10/16/2007  
Method: EPA 1311/8150  
Analyst: BCD

Analyte	LCS Conc	LCS Result	Percent Recovery	Lower Control Limit	Upper Control Limit
2,4-D	0.2	0.1	57	25	138
2,4,5-TP (Silvex)	0.1	0.1	54	25	182



# Quality Control Report for LCS Analysis

## INORGANICS

Analyte		LCS Conc		LCS Result	Parrant Recovery	Lower Control Limit	Upper Control Limit
Method: EPA 8010 TCLP Arsenic	QC Batch: 200710RC078	Sample ID: LCS 0.2 mg/l	Date Prep: 10/17/2007	0.0	Date Anal: 10/17/2007	85	115
Method: EPA 8010 TCLP Barium	QC Batch: 200710RC078	Sample ID: LCS 0.5 mg/l	Date Prep: 10/17/2007	0.0	Date Anal: 10/17/2007	85	115
Method: EPA 8010 TCLP Cadmium	QC Batch: 200710RC078	Sample ID: LCS 0.1 mg/l	Date Prep: 10/17/2007	0.0	Date Anal: 10/17/2007	85	115
Method: EPA 8010 TCLP Chromium	QC Batch: 200710RC078	Sample ID: LCS 0.10 mg/l	Date Prep: 10/17/2007	0.00	Date Anal: 10/17/2007	85	115
Method: EPA 8010 TCLP Lead	QC Batch: 200710RC078	Sample ID: LCS 0.10 mg/l	Date Prep: 10/17/2007	0.00	Date Anal: 10/17/2007	85	115
Method: EPA 8010 TCLP Selenium	QC Batch: 200710RC078	Sample ID: LCS 0.1 mg/l	Date Prep: 10/17/2007	0.0	Date Anal: 10/17/2007	85	115
Method: EPA 8010 TCLP Silver	QC Batch: 200710RC078	Sample ID: LCS 0.10 mg/l	Date Prep: 10/17/2007	0.00	Date Anal: 10/17/2007	85	115
Method: EPA 1311/2471 TCLP Mercury	QC Batch: 200710H5074	Sample ID: LCS 3.0 mg/l	Date Prep: 10/16/2007	0.0	Date Anal: 10/16/2007	85	115

# Quality Control Report for Spike/Spike Duplicate Analysis

## INORGANICS

Analyte	Spike Amount	Sample Result	Spike Result	Percent Recovery	MSD Result	Percent Recovery	RPD
Method: EPA 8010 TCLP Arsenic	QC Batch: 200710RC078 Sample ID: 207100056-1 2.0 mg/l	Date Prep: 10/17/2007 0.0	Date Anal: 10/17/2007 1.7	84	Analyst: GG 1.8	88	5
Method: EPA 8010 TCLP Barium	QC Batch: 200710RC078 Sample ID: 207100056-1 5.0 mg/l	Date Prep: 10/17/2007 0.1	Date Anal: 10/17/2007 4.2	82	Analyst: GG 4.2	83	1
Method: EPA 8010 TCLP Cadmium	QC Batch: 200710RC078 Sample ID: 207100056-1 1.0 mg/l	Date Prep: 10/17/2007 0.0	Date Anal: 10/17/2007 0.7	73	Analyst: GG 0.8	76	4
Method: EPA 8010 TCLP Chromium	QC Batch: 200710RC078 Sample ID: 207100056-1 1.00 mg/l	Date Prep: 10/17/2007 0.01	Date Anal: 10/17/2007 0.82	81	Analyst: GG 0.84	83	2
Method: EPA 8010 TCLP Lead	QC Batch: 200710RC078 Sample ID: 207100056-1 1.00 mg/l	Date Prep: 10/17/2007 0.00	Date Anal: 10/17/2007 0.79	79	Analyst: GG 0.84	84	6
Method: EPA 8010 TCLP Selenium	QC Batch: 200710RC078 Sample ID: 207100056-1 1.0 mg/l	Date Prep: 10/17/2007 0.0	Date Anal: 10/17/2007 1.0	95	Analyst: GG 1.0	97	1
Method: EPA 8010 TCLP Silver	QC Batch: 200710RC078 Sample ID: 207100056-1 1.00 mg/l	Date Prep: 10/17/2007 0.00	Date Anal: 10/17/2007 0.81	81	Analyst: GG 0.87	87	7

### Quality Control Limits

Analyte	Lower Limit	Upper Limit	RPD
TCLP Arsenic	75	117	7
TCLP Barium	68	118	15
TCLP Cadmium	70	115	15
TCLP Chromium	66	120	10
TCLP Lead	70	196	35
TCLP Selenium	69	124	15
TCLP Silver	69	119	9

# Quality Control Report for Spike Analysis

## INORGANICS

Analyte		Spike Amount	Sample Result	Spike Result	Percent Recovery	Lower Control Limit	Upper Control Limit
Method: EPA 8210 TCLP Arsenic	QC Batch: 200710RC078	Sample ID: 207100088-1 2.0 mg/l	Date Prep: 10/17/2007 0.0	Date Anal: 10/17/2007 1.7	84	75	117
Method: EPA 8210 TCLP Barium	QC Batch: 200710RC078	Sample ID: 207100088-1 5.0 mg/l	Date Prep: 10/17/2007 0.1	Date Anal: 10/17/2007 4.2	82	68	118
Method: EPA 8210 TCLP Cadmium	QC Batch: 200710RC078	Sample ID: 207100088-1 1.0 mg/l	Date Prep: 10/17/2007 0.0	Date Anal: 10/17/2007 0.7	73	70	115
Method: EPA 8210 TCLP Chromium	QC Batch: 200710RC078	Sample ID: 207100088-1 1.00 mg/l	Date Prep: 10/17/2007 0.01	Date Anal: 10/17/2007 0.82	81	68	120
Method: EPA 8210 TCLP Lead	QC Batch: 200710RC078	Sample ID: 207100088-1 1.00 mg/l	Date Prep: 10/17/2007 0.00	Date Anal: 10/17/2007 0.79	79	70	196
Method: EPA 8210 TCLP Selenium	QC Batch: 200710RC078	Sample ID: 207100088-1 1.0 mg/l	Date Prep: 10/17/2007 0.0	Date Anal: 10/17/2007 1.0	96	69	124
Method: EPA 8210 TCLP Silver	QC Batch: 200710RC078	Sample ID: 207100088-1 1.00 mg/l	Date Prep: 10/17/2007 0.00	Date Anal: 10/17/2007 0.81	81	69	119
Method: EPA 1311/7471 TCLP Mercury	QC Batch: 200710HG074	Sample ID: 207100088-1 0.0 mg/l	Date Prep: 10/16/2007 0.0	Date Anal: 10/16/2007 0.0	100	77	110

**Morris, John R.**

---

**From:** Morris, John R.  
**Sent:** Wednesday, February 06, 2008 3:30 PM  
**To:** 'Miller, Joseph L'  
**Cc:** Miriam Zimms; Pelz, Susan; Deans, David E.  
**Subject:** RE: Sumter County - Renewal of Closed Landfill Long-term Care Permit

Joe:

I've inserted responses to your questions below in [Blue]. It is hard to believe we're coming up on 4 years since we issued permit #22926-003-SF already.

It sounds like there are two possible permitting actions that the County is considering. Scenario #1 is a modification of the existing permit that requests a time extension to change the expiration date to reflect a 10-year duration (issue date 6/28/2004, current expiration date 6/15/2009, expiration date with 10-year permit duration 6/28/2014). Scenario #2 includes the submittal of a new permit renewal application that would include a 10-year duration from the date the new permit is issued. I've addressed both scenarios in the responses provided below.

It is my recollection that at the time permit #22926-003-SF was being reviewed, the County wanted a 5-year duration permit to get feedback from the Department regarding the need to extend the long-term care period beyond 20 years from certified closure of the facility. It is also my recollection that the County did not want the permit to extend beyond the 20-year date. The front page of permit #22926-003-SF indicates the facility was certified closed on May 24, 1990. Rule 17-701.075(1), F.A.C. (rule effective date November 28, 1989), requires a minimum of 20 years of long term care (through May 24, 2009), subject to extension by the Department. As both scenarios described above would result in a permit expiration date after May 24, 2009, the County would need to acknowledge in writing that the facility has not "stabilized" and that extension of the long term care period was appropriate as part of the permit application. This circumstance would be reflected in modifications to selected Specific Conditions of the existing permit (for Scenario #1) or of selected Specific Conditions of the new permit (for Scenario #2).

Please review these responses and contact me if you have questions. The County should consider a pre-application meeting as a way to help simplify the permit renewal process.

John

\*\*\*\*\*

John R. Morris, P.G.  
FDEP SW District Office, Solid Waste Section  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637-0926.

Telephone: 813-632-7600, ext. 336; suncom 514-9155, ext. 336  
Facsimile: 813-632-7664  
E-mail: john.r.morris@dep.state.fl.us

---

**From:** Miller, Joseph L [mailto:JLMiller@pbsj.com]  
**Sent:** Tuesday, February 05, 2008 12:11 PM  
**To:** Morris, John R.  
**Cc:** Miriam Zimms; Pelz, Susan; Deans, David E.  
**Subject:** Sumter County - Renewal of Closed Landfill Long-term Care Permit

John,

Happy New Year!

Sumter County requested that PBS&J prepare a proposal to renew the long-term care permit for the Sumter County closed landfill. I am trying to figure out how much work it will take. There are a few options to consider before we prepare our proposal. Could you please review the following and give me some direction.

The long-term care permit was issued for 5 years. Since long-term care permits are issued for 10-years, could we submit a permit modification with a \$250 fee to extend the permit from 5-years to 10-years?

[Response to question #1 – this sounds like the “time extension” option (Scenario #1) described above. An application fee of \$100.00 was submitted on February 24, 2003 with the renewal application for permit #22926-003-SF, in accordance with the “small county fee waiver.” It would need to be demonstrated that Sumter County still meets the criteria for small county fee waiver, otherwise the application fees presented in Rule 62-701.315, F.A.C., would apply. The criteria are presented in Section 218.075, F.S., and can be found at the following link:

[http://www.leg.state.fl.us/Statutes/index.cfm?App\\_mode=Display\\_Statute&Search\\_String=&URL=Ch0218/SEC075.HTM&Title=-%3e2006-%3eCh0218-%3eSection%20075#0218.075](http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=Ch0218/SEC075.HTM&Title=-%3e2006-%3eCh0218-%3eSection%20075#0218.075)

So if Sumter County continues to meet the small county fee waiver criteria, no additional fee would be required to in support of an application to extend the duration of the current permit. However, if Sumter County no longer meets these criteria, the balance of the full fee for a 10-year permit (\$1,900.00) would need to be submitted to extend the expiration date of the current permit to reflect a 10-year duration (through 6/14/2014), rather than the \$250.00 application fee for a minor modification.]

If we have to renew the long-term care permit, can we renew it for 10-years? I assume the permit fee is \$2,000.

[Response to question #2– this sounds like the “permit renewal” option (Scenario #2) described above. Again, depending on if Sumter County continues to meet the criteria for the “small county fee waiver,” the application fee would either be \$100.00 or \$2,000.00.]

If we can prove that the landfill is stabilized, then the permit will expire and no new long-term care permit is required. Is there is permit fee for this option?

[Response to question #3 – the issue of facility “stabilization” is addressed in Specific Condition #22 of permit #22926-003-SF. If Sumter County can demonstrate that the facility has “stabilized” as defined in Rule 17-701.020(61), F.A.C. (rule effective date November 28, 1989), a Stabilization Assessment Report shall be submitted in lieu of a permit renewal application (6 months prior to expiration) and no permit fee is required. However, if such a demonstration cannot successfully be made, an application for permit renewal must be submitted.]

Has FDEP published any technical guidance or protocol related to establishing that a closed landfill is stabilized? I checked the web site and did not see any. I heard that FDEP is working on a protocol.

[Response to question #4 – I’m not aware of any technical guidance that has been prepared by the Department regarding landfill stabilization. At this point we’re relying on the definitions and closure requirements of the solid waste rules that were in effect at the time the individual facilities were certified closed, as referenced in Specific Conditions #2 and #22 of permit #22926-003-SF.]

In your opinion, is the landfill stabilized such that the permit can be retired? There is no reason to start on this option if there is a fatal flaw that you know of.

[Response to question #5 – Based on the continuing concern regarding impacts to ground water quality, it seems unlikely that the definition of “stabilized” has been met. Additionally, the results of landfill gas monitoring at the vents over the landfill footprint (see Specific Condition #10.d., of permit #22926-003-SF) will be used as an indication of biological activity. Please note that the annual landfill gas monitoring at the perimeter gas probes is used to demonstrate that elevated landfill gas concentrations are not migrating across the property boundary, but are not useful in demonstrating whether landfill gas continues to be generated. Please also note that continued subsidence of the final cover would be an indication that the facility has not “stabilized.”]

If we renew the permit, do we need a recent aerial photograph and topographic map? I do not see a requirement for it. For landfill closures, Form 62-701.900 (1) requires submittal of Parts A, B, M, O through T. I assume that for renewal of the long-term care permits only Parts A, B, M, R, S and T are applicable. Do you agree? I do not think that O applies because there are no gas management system requirements for this site. I know we also have to prepare the report as requested in Specific Permit Condition 22 which evaluates the landfill cover, storm water etc.

[Response to question #6 – Typically an updated topographic map is not requested for closed landfills that are renewing a long-term care permit. Of course there have been instances where subsidence has required substantial efforts to regrade the final cover, and an updated topographic map has been required to demonstrate that the final cover has been restored to its originally approved condition. It is more appropriate to submit an updated topographic map as part of a demonstration that the facility has stabilized and that the configuration of the final cover is adequate to shed stormwater over the landfill footprint.

Parts O through T apply to closure permit renewals for facilities that are only conducting long-term care. Regarding Part O, there are several requirements for landfill gas management that were presented in Rule 17-701, F.A.C., (rule effective date November 28,

1989), including, but not limited to, Rule 17-701.050(5)(i), F.A.C. – gas control systems; Rule 17-701.073(4), F.A.C. – gas migration investigation; Rule 17-701.073(5), F.A.C. – assessment of effectiveness of landfill design, including extent and effects of methane gas migration; 17-701.073(6)(f), F.A.C. – gas/odor control systems. Regarding Part P, at a minimum, items #P.2.b.(5), #P.3.d., #P.3.e., need to be addressed as part of a closure (long-term care) permit renewal application. Regarding Part Q, the previously submitted site-specific information needs to be documented for the facility.]

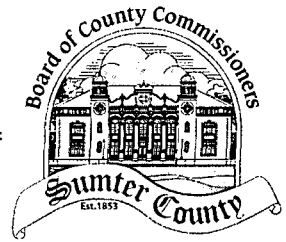
Thanks for your help with this application. We hope to make the application as complete and as painless as possible.

Joe

# SUMTER COUNTY SOLID WASTE

SUMTER COUNTY, FLORIDA

PO Box 1066 • Bushnell, FL 33513 • Phone (352) 793-3368 • Fax (352) 568-0166 • www.scpw.org



Dept. Of Environmental Protection

OCT 04 2007

Southwest District

October 2, 2007

Ms. Susan Pelz  
Florida Department of Environmental Protection  
Southwest District  
13051 North Telecom Parkway  
Temple Terrace, Fl. 33637-0926

Re: Blue drums containing liquid determined to be hazardous.

Ms. Pelz,

This letter is to advise you and the Fl. Department of Environmental Protection (FDEP), Southwest District, of the disposition of the blue drums containing liquid that was tested and found to be hazardous. These drums were noted in your inspection report of the Sumter County Solid Waste Facility dated May 31, 2007.

The following documents will show that on September 10, 2007, Clean Harbors Environmental Services picked up four 55 gallon drums containing the hazardous material from the Sumter County Solid Waste Facility for disposal at their facility in Bartow Fl. The documents also show that the four 55 gallon drums containing the hazardous material were signed for at their Bartow facility on September 14, 2007.

I hope this resolves this matter to everyone's satisfaction. If you should have any comments or questions please contact me at the Sumter County Solid Waste Department.

Sincerely,

Jimmy Wise  
Operations Specialist  
Sumter County Solid Waste

xc: Sandra Howell, Assistant Sumter County Administrator  
Jackey Jackson, Sumter County Public Works  
Miriam Zimms, Kessler Consulting, Inc.

REV 1/05





ENVIRONMENTAL SERVICES, INC.  
MANIFEST INFORMATION

# and Disposal Restriction Notification Form

Page 1 of 1

Date: 09 / 07 / 2007

Generator: Sumter County Solid Waste  
Address: 835 County Road 529  
Lake Panasoffkee, FL 33538  
EPA ID#: FL C E S Q G 9 9 9 9 9

Manifest No

Sales Order No: C01599931  
Manifest Document No:

## LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category:
1	1	BTSUM-001	NON- WASTEWATER	2 ; This is subject to LDR.

EPA Waste Codes  
D010

EPA Waste Subcategory  
Toxicity Characteristic for Selenium

Applies to  
Manifest  
Line Items

## Certification

Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268. 1

Waste analysis data, where available, is attached

Signature: Jimmy Wise

Print Name: Jimmy Wise

Title: \_\_\_\_\_

Date: 9/10/07

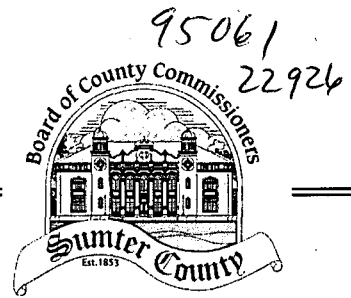
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number		
		12-ES0000000	1	800-433-7113	001103759 FLE		
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)					
Duke Energy, Duke Power 350 Cherry Road NW Durham, NC 27601							
Generator's Phone: 919-286-7777							
6. Transporter 1 Company Name		U.S. EPA ID Number					
Duke Energy, Duke Power		74-A-P-030122-759					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address		U.S. EPA ID Number					
Duke Energy, Duke Power 350 Cherry Road NW Durham, NC 27601		12-ES0000000					
Facility's Phone: 919-286-7777							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
		No.	Type				
	1. HAZARDOUS WASTE, LIQUID, CORROSIVE, ACID, UNREACTIVE, INHIBITED	04	DR	1000	P	0000	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information							
4x55 Track #5131							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name		Signature			Month	Day Year	
X Jimmy Wise		Jimmy Wise			09	10 09	
16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name		Signature			Month	Day Year	
Ed Gornik		Ed Gornik			09	10 09	
Transporter 2 Printed/Typed Name		Signature			Month	Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name		Signature			Month	Day Year	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number F L C E S Q 9 9 9 9 9 9		2. Page 1 of 1	3. Emergency Response Phone (800) 493-3718		4. Manifest Tracking Number <b>001103759 FLE</b>			
		5. Generator's Name and Mailing Address Santer County Solid Waste 895 County Road 529 Lake Panasoffee, FL 33532 Generator's Phone: 352 793-3368					Generator's Site Address (if different than mailing address)			
6. Transporter 1 Company Name Clean Harbors Env Services Inc		U.S. EPA ID Number MA0030372250								
7. Transporter 2 Company Name		U.S. EPA ID Number								
8. Designated Facility Name and Site Address Clean Harbors Florida LLC 170 Bartow Municipal Airport Bartow, FL 33830 Facility's Phone: (888) 533-6111		U.S. EPA ID Number FL0090728610								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. HAZARDOUS WASTE, LIQUID, N.O.S., OIL CONTAMINATED WASELENIUM, LG, HA 3092, PG III			04 DF		1200	P	0910	
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information 9/14/07 4x55 Truck #5231										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name <b>Jimmy Wise</b>					Signature <i>Jimmy Wise</i>		Month Day Year <b>09/10/07</b>			
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
	Transporter signature (for exports only):									
	17. Transporter Acknowledgment of Receipt of Materials									
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Ed Gornik</b>					Signature <i>Ed Gornik</i>		Month Day Year <b>09/10/07</b>		
	Transporter 2 Printed/Typed Name					Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number:									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number									
	Facility's Phone:									
18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1.		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a										
Printed/Typed Name <b>Michael J Gornik</b>					Signature <i>Michael J Gornik</i>		Month Day Year <b>9/14/07</b>			

# SUMTER COUNTY SOLID WASTE

SUMTER COUNTY, FLORIDA

PO Box 1066 • Bushnell, FL 33513 • Phone (352) 793-3368 • Fax (352) 568-0166 • www.scpw.org



April 25, 2007

Mr. Steve Morgan  
Florida Dept. of Environmental Protection  
Southwest District  
13051 North Telecom Parkway  
Temple Terrace, Fl. 33637 – 0926

Dept. of Environmental  
Protection

APR 27 2007

Re: Household garbage fire of April 23, 2007

Southwest District

Mr. Morgan,

This is a follow up letter to our telephone conversation of April 24, 2007 at 1:30 pm concerning a household garbage fire we had in a 20 cubic yard roll off container.

This fire was noticed at 3:00 pm on April 23, 2007, by Sumter County Solid Waste staff member Mike Bryant. Staff members Richard Nix and myself, Jimmy Wise, assisted in putting out the fire. It was a very minor fire that appeared to start at the left rear corner and was contained in the rear quarter of the roll off container. Mike Bryant used his loader bucket to bring water to the roll off container and the Fire Department was not called. By 3:30 pm there was no doubt in any ones mind that the fire was completely out. The roll off container was moved to the tipping floor and left loaded over night as a precaution.

I instructed all staff members to be alert to what citizens are putting into the roll off containers and on the tipping floor. This fire was probably caused by a cigarette or someone emptying a car ash tray that had hot ashes in it. As you can see from the pictures this was a minor incident that was prevented from becoming a major one by the alertness and reactions of our staff members.

The above mentioned telephone conversation and this letter accompanied by the pictures is intended to follow instructions spelled out in our permit number 126941-003-SO, Specific Condition 16b(3) and 16c.

If you have any questions please contact me at the Sumter County Solid Waste Department. Phone: 352 - 793 -3368 or fax: 352-568-0166.

Respectfully,  
Jimmy Wise

Operations Specialist  
Sumter County Solid Waste

xc: Miriam Zimms, Kessler Consulting, Inc.



Back door, left corner  
where fire burnt paint.



Left rear side where fire  
burnt paint.





From front looking to the back.

This is where the fire was.

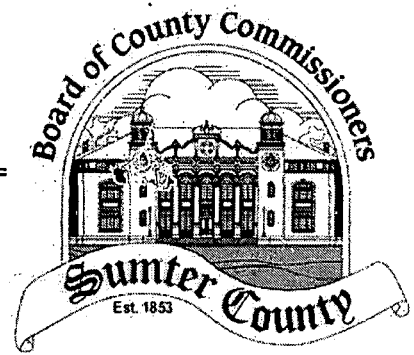


Back corner where it is suspected the fire started.

# Board of County Commissioners

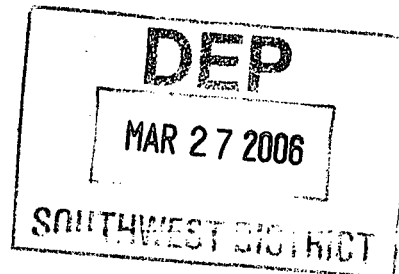
## Sumter County, Florida

209 North Florida Street, Suite 3 • Bushnell, FL 33513-6146 • Phone (352) 793-0200 • FAX: (352) 793-0207  
SunCom: 665-0200 • Website <http://sumtercountyfl.gov>



March 15, 2006

Susan Pelz *3/28/06*  
Solid Waste Manager  
Southwest District  
Florida Department of Environmental Protection  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926



Re: Current status of solid waste operations at Sumter County Solid Waste Facility

Dear Ms. Pelz:

I am taking this opportunity to introduce myself and give you an update on solid waste operations at Sumter County's solid waste facility (Facility).

In January 2006 I was appointed as the new County Administrator. I take over this position after the retirement of Mr. Bernard Dew who served as the County Administrator for some 23 years. Prior to coming to Sumter County I served as County Administrator for Whitfield County, Georgia.

During the past year, my predecessor sent letters to your office regarding permit and operational status of the Facility. As you know, the Board of County Commissioners (Board) considered a number of options for realigning activities at the Facility due the explosive growth of the County's population in recent years.

In response to serious financial and budget issues, the Board directed County staff to conduct an operational and economic analysis of the Facility. In order to bring the facility operations in line financially, the Board took several actions in the past year. First, the County negotiated a new waste hauling and disposal contract at a much lower rate than the previous contract. Second, the Facility staff was reduced by approximately 60%. Third, a new supervisor was placed in charge of the Facility to ensure cost-effective and environmentally-sound operations. Fourth and most recently, operation of

Richard "Dick" Hoffman, Dist 1  
(352) 753-1592 or 793-0200  
209 North Florida Street  
Bushnell, FL 33513

Joey A. Chandler, Chairman  
Dist 2, (352) 748-5005  
6255 CR 429  
Lake Panasoffkee, FL 33538

Michael E. Francis, Dist 3  
(352) 753-1592 or 793-0200  
209 North Florida Street  
Bushnell, FL 33513

Jim Roberts, Vice Chairman  
Dist 4, (352) 793-4776  
209 North Florida Street, Suite 3  
Bushnell, FL 33513-6146

Randy Mask, Dist 5  
Office: (352) 793-0200  
Home: (352) 793-3930  
209 North Florida Street  
Bushnell, FL 33513

Bradley S. Arnold, County Administrator  
(352) 793-0200  
209 North Florida Street, Suite 3  
Bushnell, FL 33513-6146

Gloria R. Hayward, Clerk & Auditor  
(352) 793-0215  
209 North Florida Street  
Bushnell, FL 33513

Randall N. Thornton  
County Attorney  
(352) 793-4040 P.O. Box 58  
Lake Panasoffkee, FL 33538

**SOLID WASTE ROUTING**

DATE: 3/28/06

Vacant OPS

~~Vacant DE~~ RM

Steve Morgan — last, file

John Morris

Bret Galbraith

Stephanie Watson

[ ]

[ ]

[ ]

[ ]

[ ]

[ ]

=====

**DEPOSITION AFTER REVIEW**

FILE [ ]

SUSAN PELZ

[ ]

3/28/06



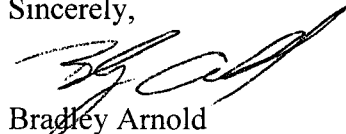
the Materials Recovery Facility (MRF) and Composting Facility were ceased, with the exception of activities undertaken by the Florida Organics Research Center for Excellence (FORCE). Other assets at the Facility (i.e. community recycling center, tire recycling, household hazardous waste collection, C&D transfer and disposal) continue to operate.

Looking to the future, the County is assessing our long term waste management options. The initial term of the County's current waste hauling and disposal contract expires in July 2009. To prepare for future needs, the Board directed staff to issue a Request For Proposals for a private transfer station to be developed either at the Facility or elsewhere in the County. This would allow for the comparative option to the existing and projected county operation. Future operation of the MRF and Composting Facility is uncertain at this time. It is envisioned that a private transfer station would be the central component of the County's waste processing system, supported by the existing community recycling, tire recycling, household hazardous waste, and C&D operations.

As the County moves forward with its plans, we will keep your office informed. We stand ready to enter dialog with your office regarding the status and modifications of the Facility permits.

If you have any questions or require additional information, please contact me directly.

Sincerely,



Bradley Arnold  
County Administrator

BA/pe

xc: Charles Goddard, DEP Tallahassee  
Richard Tedder, DEP Tallahassee  
Jan Rae Clark, DEP Tallahassee  
Francine Joyal, DEP Tallahassee  
Sandra Howell, Sumter County Administration  
Tommy Hurst, Sumter County Public Works  
Jockey Jackson, FORCE, Sumter County  
Randall Thornton, County Attorney  
Mitch Kessler/Miriam Zimms, Kessler Consulting, Inc.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST DISTRICT  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926  
(813) 632-7600

Copy Request Cover Sheet

Requesting Company: Citizen Clean Air & Water Telephone: 352-793-6575  
352-303-4846  
Requesting Person: Louise Racine  
Copying Company: ~~SIR Speedy~~ IKOM Telephone: 813-623-5478  
Copying Representative: \_\_\_\_\_  
D.E.P. Authorization: W [Signature] Extension: 353

File Name	County	Date/Time Out	Date/Time Out	DEP Contact
<u>Sumter Co. Closed Landfill</u>	<u>Sumter</u>			
<u>GW MON DATA 2002</u>				
<u>S.C.C.L. Well Construction</u>	<u>Sumter</u>			
<u>SF66-211255</u>				
<u>SE. G.W.M. Plan Elev.</u>	<u>Sumter</u>			
<u>S.C. C.I. LTC FEB 2003</u>	<u>Sumter</u>			
<u>S.C. " " Longterm Cure</u>	<u>Sum</u>			
<u>3-Springstead <del>Sum</del> Engineering Reports</u>				

Conditions:

1. The above mentioned copying company must be bonded and insured.
2. The file integrity must be maintained. The contents must not be removed, rearranged, defaced, or otherwise altered.
3. While in the possession of the copying company, the files must not be made available to the borrowing company or to any one else except a DEP employee.
4. File must be received by a representative of the copying company and must be returned by a representative of that company.
5. File(s) must be returned by Date/Time due (usually 24 hours)

I have read the above statement and agree to comply with these conditions.

[Signature]  
Copying Company  
Representative

1.31.06  
Date

Florida Department of  
**Environmental Protection**

Southwest District

CONVERSATION RECORD

Date 9/2/05 Subject GW Data  
Time 1:24 PM Permit No. \_\_\_\_\_  
Charles Jett County Sumter  
Phone No. \_\_\_\_\_

Representing Sumter Co LF

[ ☒ ] Phoned Me [ ☒ ] Was Called [ ☐ ] Scheduled Meeting [ ☐ ] Unscheduled Meeting

rtn call  
Other Individuals in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting:

I <sup>have</sup> review several BW submittals & they  
are missing Radium 226 + Radium 228.  
Also pulled most recent submittal & it didn't  
have it either. Please ensure it is included on  
next sampling / report.

Will do.

Signature Danielle Welch

Title ESI

**Morris, John R.**UPDATED COMET  
7/15/05 JRM

**From:** Morris, John R.  
**Sent:** Friday, July 15, 2005 4:17 PM  
**To:** 'rick potts'  
**Cc:** Petro, Stephanie; Miriam Zimms; Tommy Hurst; D Warnock; Chuck Jett; Sandra Howell; Pelz, Susan  
**Subject:** RE: Sumter County Closed Landfill - Qtr II Monitoring Report

Rick:

I have updated the Department's tracking software to reflect the submittal of the monitoring results for Quarter II, 2005 sampling event by July 29, 2005. Thanks for providing this summary of the County's activities.

For future sampling events, the County may consider preparing the report of results as an electronic data deliverable (EDD). The requirements for preparing the EDD in the specified format can be accessed at the following link to the Department's web site: <http://www.dep.state.fl.us/labs/software/index.htm>. Please note that the "Sample File" link on this web page provides the format for the "tab delimited text file" that allows the Department's software ("Validator") to read the data. Please also note that the County's contracted laboratory (U.S. Biosystems) has been working with the Department to develop the Validator software. For your convenience, a copy of Validator can be downloaded from this same web page.

Solid waste permits that are currently being issued include a specific condition that provides two options for submitting the results of monitoring events -- paper reporting and electronic reporting. While Specific Condition #20 of the long term care permit issued for the Sumter County closed Class I landfill (#22926-003-SF ) addresses only the paper reporting option, the Department would not object to receiving the results for future monitoring events as an EDD. An excerpt from the current permit condition that describes the electronic reporting option follows:

"Electronic Reporting. Alternatively, all ground water, leachate and surface water analytical results may be submitted as an electronic data deliverable (EDD) on floppy diskettes or compact disc media readable by Microsoft Windows. Software ("Validator") has been developed to evaluate and upload the monitoring data into the Department's database (WACS). A copy of this software can be downloaded from the Department's website at the following address: <http://www.dep.state.fl.us/labs/software/index.htm>. Electronic laboratory data must be submitted in a specific format called a tab delimited text file, with the first line of the file being the data field names (Microsoft Excel produces this file format when the "Save As" and "Text(Tab Delimited)" options are selected). Two copies of the EDD, one in tab delimited text format and one as an Adobe portable document format (PDF) must be submitted. A digitally "signed" PDF serves to maintain the integrity of the EDD. Examples of an acceptable text file and additional information are available at the web site listed above. The permittee is encouraged to download Validator and run all data sets to allow the necessary corrections to be completed prior to submittal of an EDD to the Department."

Please contact me if you have questions about this message. Your assistance in this matter is appreciated.

John

\*\*\*\*\*

John R. Morris, P.G., FDEP SW District Office, Solid Waste Section  
 Telephone: 813-744-6100, ext. 336 (suncom 512-1042, ext. 336)  
 Facsimile: 813-744-6125; E-mail: [john.r.morris@dep.state.fl.us](mailto:john.r.morris@dep.state.fl.us)

-----Original Message-----

**From:** rick potts [<mailto:rickpotts@cfl.rr.com>]

7/15/2005

**Sent:** Thursday, July 14, 2005 11:31 AM

**To:** Morris, John R.

**Cc:** Petro, Stephanie; Miriam Zimms; Tommy Hurst; D Warnock; Chuck Jett; Sandra Howell

**Subject:** Sumter County Closed Landfill - Qtr II Monitoring Report

John:

The Quarter II 2005 Quarterly Groundwater Monitoring Report for the Sumter County Closed Landfill is due to the Department tomorrow (July 15, 2005) in accordance with the reporting schedule in the facility long-term-care permit.

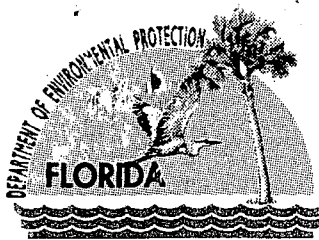
We completed sampling for this reporting event and delivered samples to the laboratory on June 14-15, 2005. Normally we have results from our subcontract lab (US Biosystems, Inc.) within 7 to 10 days. According to US Biosystems they have recently had major instrument problems that have pushed back reporting schedules at the lab.

As of today, we do not yet have laboratory reports for the June sampling and I suspect that we will not have them before early next week.

On behalf of Sumter County we request a minor extension of two (2) weeks for submission of the monitoring report, and ask that we be allowed to submit the report on or before July 29, 2005 without penalty to the County.

Please let me know if you need anything further to review our request. As always, thanks for your helpful assistance.

Richard L. Potts, Jr. P.G.  
THE COLINAS GROUP, INC.  
509 N. Virginia Avenue  
Winter Park, Florida 32789  
Voice: (407) 622-8176  
Fax: (407) 622-8196  
Cell: (407) 620-5779



# Department of Environmental Protection

Jeb Bush  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Colleen M. Castille  
Secretary

June 28, 2004

CERTIFIED MAIL 7002 3150 0003 8459 5927  
RETURN RECEIPT REQUESTED

Sumter County Board of County Commissioners  
209 North Florida Street  
Bushnell, FL 33513

REPLATED BY  
MOD # 22926-004  
ISSUED 2/4/09

Attention: Mr. Bernard Dew, County Administrator

## NOTICE OF PERMIT

Dear Mr. Dew:

Attached is **Permit No. 22926-003-SF** for long-term care (monitoring and maintenance) of the Sumter County closed Class I landfill, Sumter County, Florida, issued pursuant to Section(s) 403.087(1), Florida Statutes.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Blvd., Mail Station 35, Tallahassee, 32399-3000, within fourteen (14) days of receipt of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within fourteen (14) days shall constitute a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.

The petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of Department's action, or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

"More Protection, Less Process"

- (f) A statement of which rules or statutes petitioner contends warrant reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C. Mediation is not available in this proceeding.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rules 62-110 and 28-106, F.A.C. Upon timely filing of a petition or a request for an extension of time this transfer of permit will not be effective until further Order of the Department.

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Blvd., Mail Station 35, Tallahassee, 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

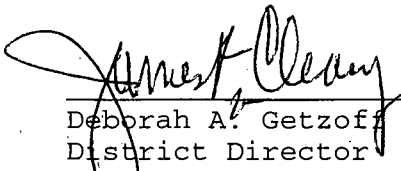
Mr. Bernard Dew  
Sumter County Public Works Department  
Sumter County Landfill, Long-Term Care Permit

PERMIT NO.: 22926-003-SF

Page 3 of 3

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Deborah A. Getzoff  
District Director  
Southwest District

DAG/jrm  
Attachment

**CERTIFICATE OF SERVICE**

This undersigned duly designated deputy clerk hereby certifies that this **NOTICE OF PERMIT** and all copies were mailed before the close of business on June 28, 2004 to the listed persons.  
(date stamp)

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to Section 120.52(10), Florida Statutes, with the designated Department, Clerk, receipt of which is hereby acknowledged.

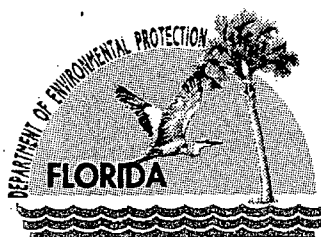
  
Clerk

6/28/04  
Date

**Copies furnished to:**

Sumter County Board of County Commissioners  
Sumter County Notification List  
Chuck Jett, Sumter County, 319 E. Anderson Ave., Bushnell, FL 33513  
Virginia Watson, Sumter County, 209 No. Florida St., Bushnell, FL 33513  
David Springstead, P.E., Springstead Engineering, Inc., 727 So. 14<sup>th</sup> St., Leesburg, FL 34748  
Mitch Kessler, Kessler Consulting, Inc., 14620 No. Nebraska Ave, Bldg. D, Tampa, FL 33613  
Douglas Beason, FDEP OGC Tallahassee  
Richard Tedder, P.E., FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Susan Pelz, P.E., FDEP Tampa (Permit Notebook)





# Department of Environmental Protection

Jeb Bush  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Colleen M. Castille  
Secretary

## PERMITTEE

Sumter County Public Works Department  
209 North Florida Street  
Bushnell, FL 33513

Attention: Bernard Dew,  
County Administrator

## PERMIT/CERTIFICATION

WACS ID No.: SWD/60/53008  
Permit No.: 22926-003-SF  
Date of Issue: 06/28/2004  
Expiration Date: 06/15/2009  
County: Sumter  
Lat/Long: 28° 44' 36" N  
82° 05' 19" W  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County Closed  
Class I Landfill,  
Long-Term Care Permit

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapters 62-4, 62-330, 62-520, 62-522 and 62-701, Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to conduct long-term care, maintenance, and monitoring at the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Florida Department of Environmental Protection (Department), made a part hereof, and specifically described as follows:

For long-term care, monitoring and maintenance of a closed Class I landfill (approximately 30 acres), referred to as the Sumter County Landfill, subject to the specific and general conditions attached. The Sumter County Landfill is located approximately 1 mile east of I-75, south of C.R. 470, north of Bushnell, Sumter County, Florida.

Landfill details are summarized in the following table:

<u>Long Term Care Item</u>	<u>Description</u>
Final Survey Report	Updated site topography to be submitted within 90 days of completion of leveling and repaving the asphalt cover in accordance with Consent Order No. 04-0131 (see Specific Condition No. 8.e.)
Cert. of Closure Const. Completion (see Attachment 1)	Phase I - Inspection Dec. 6, 1989; DEP letter Dec. 11, 1989 Phase II - Inspection May 20, 1990; DEP letter May 24, 1990 Phase III - Inspection Feb. 22, 1990; DEP letter Mar. 5, 1990
Declaration to the Public	Recorded Feb. 25, 1998 (see Attachment 2)
Official Date of Closing	May 24, 1990
Date of Solid Waste Rule in Effect at Closing	Rule Date: Nov. 28, 1989
Long Term Care Period	Rule Citation: 17-701.075(1), F.A.C. Specified Duration: 20 years, minimum

<u>Landfill Feature</u>	<u>Description</u>
Bottom Liner Type	None
Leachate Collection	None
Final Cover/Cap	Phases I and II - synthetic cap, soil and vegetative cover Phase III - asphalt cap
Landfill Gas Venting	Passive vents

Replaces Permit No.: 22926-002-SF

This permit contains a summary of compliance items (see Attachment 3) that shall be submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the specified dates, enforcement actions may be initiated.

"More Protection, Less Process"

**GENERAL CONDITIONS**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

**GENERAL CONDITIONS:**

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

**GENERAL CONDITIONS:**

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
  1. the date, exact place, and time of sampling or measurements;
  2. the person responsible for performing the sampling or measurements;
  3. the dates analyses were performed
  4. the person responsible for performing the analyses;
  5. the analytical techniques or methods used;
  6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

- 1. Facility Designation.** This landfill shall be classified as a Class I closed landfill and shall be monitored and maintained in accordance with all applicable requirements of the Florida Administrative Code. Requirements for closure (Rule 17-701.070 through 17-701.074, F.A.C.), long-term care monitoring and maintenance (Rule 17-701.075, F.A.C.), and financial responsibility (Rule 17-701.076, F.A.C.) that are included in the Solid Waste Management Facilities rule with an effective date of November 28, 1989 remain in effect for the Sumter County landfill. Otherwise, the requirements in the current Solid Waste Management Facilities rule (Chapter 62-701, F.A.C., effective May 27, 2001) are in effect, except as identified by the Specific Conditions of this permit. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those Specific Conditions that are affected by the revision of regulations to incorporate those revisions.
- 2. Facility Stabilization.** Rule 17-701.075(1), F.A.C. (effective date November 28, 1989) requires monitoring and maintenance of the facility in accordance with an approved closure plan for a minimum of 20 years from the date of closing. Any request for approval of a reduced long-term care period for the Sumter County Landfill shall provide reasonable assurance to the Department that the facility poses no significant threat to human health or the environment. Such a request must demonstrate that the facility has "stabilized" as indicated in Rule 17-701.020(61), F.A.C. (effective date November 28, 1989), as follows: the facility was closed with appropriate final cover, a good vegetative cover was established, and a good monitoring system was installed; and, there is a 10-year history of no leachate detected in the monitoring system, no detrimental erosion of cover has occurred, and subsidence of waste has ceased. Prior to the expiration of the long-term care monitoring and maintenance period the Department may extend the time period if the closure design or closure operations plan has been found to be ineffective.
- 3. Permit Application Documents.** This permit is valid for long term care, monitoring and maintenance of approximately 30 acres of the landfill site in accordance with all applicable requirements of Department rules, and the reports, plans and other information, submitted as follow:

  - Permit renewal application and supporting information, including:
    - Application fee for permit renewal, received February 24, 2003 (small county waiver)
    - Supporting information prepared by Springstead Engineering, Inc. (SEI), received February 24, 2003, including:
      - Section 1 -- DEP Form No. 62-701.900(1), Solid Waste Management Facility
      - Section 2 - DEP Form No. 62-701.900(4), Waste Processing Facility
      - Section 3 - DEP Form No. 62-701.900(10), Production of Compost
      - Section 4 - Engineering Report
      - Section 5 - Operations Manual
      - Section 6 - Water Quality Reports
      - Section 7 - Waste Quantity Reports
      - Section 8 - Financial Assurance Cost Estimates
    - Ground Water Monitoring Plan Evaluation, 1998 - 2002 (GWMPE), prepared by Central Testing Laboratory (CTL), dated March 3, 2003, received March 5, 2003

**SPECIFIC CONDITIONS:**

**3. Permit Application Documents. (continued)**

- Responses to the Department's first request for additional information dated March 25, 2003, were received October 9, 2003, including:
  - Transmittal letter from SEI dated October 7, 2003 (14 pages, to Steven Morgan)
  - Transmittal letter from SEI dated October 7, 2003 (9 pages, to John Morris)
  - Section 1 - DEP Form No. 62-701.900(1), Solid Waste Management Facility, revised
  - Section 4 - *Engineering Report*, revised
    - Subsection entitled "Requirements of Section M"
    - Subsection entitled "Requirements of Section P"
    - Subsection entitled "Requirements of Section R"
    - Subsection entitled "Supplemental Information for Long Term Care"
    - Subsection entitled "Report of Effectiveness of Landfill Design"
    - Subsection entitled "General Maintenance for the Covered Areas of the Closed Class I Landfill"
  - Proof of Publication of Declaration to the Public dated February 12, 1998
  - Section 5 - *Sumter County Solid Waste Facility, Operations Manual*, revised
    - Subsection entitled "Section 5.0 - Long Term Care"
  - App. F - Monitoring Well Location Map, prepared by SEI, dated October 2003
  - App. F - Overall Site Plan, Sheet 1 of 1, prepared by SEI, dated October 8, 2003
  - Section 6 - Transmittal letter from CTL, dated July 24, 2003:
    - Responses to selected review comments from the Department's letter dated March 25, 2003, including comment Nos., 16, 17, 19, 20, 21, 23.c.1) through 23.c.4), 23.d.1) and 23.d.2), 23.e.1), 23.e.3), and 25.d.
    - Table A - Monitor Well Construction Details, Sumter County Closed Class I Landfill, revised May 27, 2003
    - Revisions to the GWMPE prepared by CTL, dated May 28, 2003 (page 11 of 12 of the GWMPE, received via facsimile November 6, 2003)
  - Section 7 - Copies of closure documents and record drawings provided for Phases I, II and III
- Responses to the Department's second request for additional information dated November 7, 2003, were received January 14, February 2, and March 4, 2004, including:
  - Report entitled "Gas Migration Study Report", prepared by CTL, dated January 13, 2004, received January 14, 2004
  - Submittal from SEI, dated Jan. 30, 2004, received Feb. 2, 2004, including:
    - Section 1 -- Transmittal letter from SEI dated January 30, 2004 (15 pages, addressed to Steven Morgan);
    - Section 2 - DEP Form No. 62-701.900(1), Solid Waste Management Facility, revised pages 4, 5, 32, 33, 39;
    - Section 3 -- *Engineering Report*, revised December 30, 2003;
      - Subsection entitled "Requirements of Section M"
      - Subsection entitled "Supplemental Information for Long Term Care"
      - Subsection entitled "Report of Effectiveness of Landfill Design"
      - Subsection entitled "General Maintenance for the Covered Areas of the Closed Class I Landfill"
    - Section 4 -- *Sumter County Solid Waste Facility, Operations Manual*, revised January 30, 2004;
      - Subsection entitled "Section 5.0 - Long Term Care"
    - App. F - Monitoring Well Location Map, prepared by SEI, revised Jan. 12, 2004
    - App. F - Overall Site Plan, Sheet 1 of 1, prepared by SEI, revised Jan. 12, 2004
    - Section 5 - Transmittal letter from SEI dated January 30, 2004 (6 pages, addressed to John Morris);
    - Section 6 - Transmittal letter from SEI dated January 14, 2004 (3 pages, addressed to Steven Morgan)
  - Submittal from CTL dated March 2, 2004, received March 4, 2004, transmitting revisions to the GWMPE

**SPECIFIC CONDITIONS:**

**3. Permit Application Documents. (Continued)**

- Responses to the Department's letter dated April 6, 2004 which listed insufficiency items, including:
  - Submittal entitled "Proposed Preliminary Contamination Assessment Plan, Sumter County Closed Class I Landfill, Sumter County, Florida", dated April 2004, prepared by The Colinas Group, Inc., was transmitted via a letter from Sumter County dated April 12, 2004, received April 15, 2004
  - Letter from SEI dated April 19, 2004, received April 20, 2004 transmitting revisions to page 5 of the application form
  - Revisions to the GWMPE prepared by CTL, dated April 8, 2004, received April 28, 2004
  - Figure entitled "Monitoring Well Map", prepared by SEI, revised June 23, 2004, received June 24, 2004.

**4. Permit Modifications.** Any activities not previously approved as part of this permit may require a separate permit unless the Department determines a permit modification to be more appropriate. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts and which requires a detailed review by the Department is considered to be a substantial modification.

**5. Control of Access.** Access to, and use of, the facility shall be controlled to prevent unauthorized dumping, or use of the facility by unauthorized persons as required by Rule 62-701.600(5)(i), F.A.C., and to protect the monitoring devices and general landfill condition.

**6. Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this facility. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public and confirmed by Department personnel upon site inspection shall constitute a nuisance condition and the permittee must take immediate corrective action to abate the nuisance.

**7. Stormwater System Management.** The existing surface water management system shall be designed, constructed, operated and maintained to prevent surface water from running on to waste-filled areas. The existing surface water management system shall also include a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Rule 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10) to meet applicable standards of Chapters 62-25, 62-302 and 62-330, F.A.C.

**8. Facility Maintenance and Repair.**

a. The site shall be properly maintained, including erosion control, maintenance of final cover (soil and vegetative cover and asphalt cover), maintenance of the monitor wells, maintenance of the gas probes, maintenance of the stormwater management system, and prevention of ponding over filled areas.

b. In the event of damage to any portion of the landfill site facilities, failure of any portion of the landfill systems (including dry or damaged wells), fire or explosion, the permittee shall **immediately (within 24 hours of discovery by the permittee or permittee's representative)** notify the Department explaining such occurrence, remedial measures to be taken, and time needed for repairs. Written detailed notification shall be submitted to the Department within **seven (7) days** following the occurrence outlining the cause of the failure and action taken to prevent such failures from recurring.

**SPECIFIC CONDITIONS:**

**8. Facility Maintenance and Repair. (Continued)**

c. In the event that any portion of the ground water monitoring system or gas probes are damaged, remedial measures shall be completed **within sixty (60) days** of the written notification required in Specific Condition No. 8.b., above, unless the Department determines that a minor permit modification is required, in which case the requirements of Specific Condition No. 17, below, shall apply.

d. In the event that the stormwater system is damaged or is not operating effectively, corrective actions shall be implemented **within thirty (30) days** of the written notification required in Specific Condition No. 8.b., above, unless otherwise approved by the Department.

e. The permittee shall inspect the previously closed portions of the landfill, at a minimum, **quarterly**. Repairs to the asphalt cover of the landfill shall be completed in accordance with Consent Order No. 04-0131. An updated site survey shall be provided within 90 days of completion of the required corrective actions to demonstrate the landfill cover has been adequately sloped to drain stormwater. Following completion of these repairs, any future instances where the asphalt final cover is found to be cracked, gouged, or otherwise damaged such that stormwater may infiltrate into the landfill below, the Department shall be notified as required by Specific Condition No. 8.b., above, and shall be repaired **within two (2) weeks** of the Department's approval of the corrective action plan.

f. Closed areas which are not covered by asphalt shall be inspected for erosion **within 48 hours** of each significant rainfall event. Areas with significant erosion shall be repaired **within two (2) weeks** of discovery.

g. Use of closed landfill areas requires consultation with and approval by the Department prior to conducting these activities in accordance with Rule 62-701.610(7), F.A.C.

**9. Financial Assurance/Cost Estimates.** The permittee shall provide adequate financial assurance for this facility and related appurtenances in accordance with Rule 17-701.076, F.A.C. (rule effective date November 28, 1989).

a. All costs for long-term care, monitoring and maintenance shall be adjusted and submitted **annually, by September 1<sup>st</sup> each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-1352.

b. Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

**10. Gas Migration Monitoring.** Landfill gas migration monitoring shall be conducted **annually** to ensure that combustible gas concentrations remain below 25% of the Lower Explosive Limit (LEL) calibrated to methane in all enclosed structures and below 100% of the LEL at the property boundary. Results of the annual landfill gas monitoring events shall be submitted **by December 15<sup>th</sup>** of each year, as follow:

a. Installation of gas probes GP-1 through GP-4 as shown on Figure 1 entitled "Monitoring Well Map", prepared by SEI, received June 24, 2004, **(attached)** shall be completed **within 90 days of permit issuance** in accordance with the construction details provided on the figure entitled "Typical Gas Monitoring Probe", prepared by SEI, received Feb. 2, 2004 **(attached)**. An initial monitoring of gas probes GP-1 through GP-4 shall be conducted **within seven (7) days of installation** and the results shall be submitted to the Department **within seven (7) days of monitoring**. New gas probes GP-1 through GP-4 shall also be included in the annual monitoring events.



**SPECIFIC CONDITIONS:**

**10. Gas Migration Monitoring. (continued)**

b. Existing gas probes M-1 through M-29 as shown on the aerial photograph prepared by CTL (**attached**) shall be included in the annual monitoring events.

c. Ambient gas monitoring locations shall be sampled before the buildings are opened and in enclosed areas (i.e., electrical boxes, closets and restrooms, etc.), and included in the annual monitoring events at the following structures:

- "old" materials recovery building
- "new" materials recovery facility tipping area
- scale house/office building
- kennel for animal control
- Sheriff Department building

d. The annual gas monitoring event conducted prior to permit renewal shall also include the gas vents located within the closed landfill to determine if the buried wastes remain biologically active and continue to generate significant concentrations of landfill gasses.

e. The Department may require the installation of additional gas probes and/or ambient monitoring locations within any structures that may be associated with future uses of the property.

**11. Gas Remediation.** Gas concentrations exceeding 100% LEL in perimeter locations (GP-1 through GP-4, and M-1 through M-29) or 25% LEL in any on-site structure shall be reported to the Department **within 7 days of detection**, and shall be accompanied by a remediation plan describing the nature and extent of the gas migration problem and the proposed remedy. The remedy shall be completed **within 60 days of detection** unless otherwise approved by the Department.

**12. Water Quality Requirements.** The landfill shall be monitored throughout its design period (which includes long-term care) to control the movement of waste and waste constituents into the environment so that ground water and surface water quality standards and criteria of Chapters 62-4, 62-302, and 62-520, F.A.C., will not be violated beyond the zone of discharge specified for the landfill.

**13. Water Quality Monitoring Quality Assurance.**

a. All field work done in connection with the facility's Water Quality Monitoring Plan shall be conducted in accordance with the Standard Operating Procedures (SOPs) described in DEP-SOP-001/01 (February 2004), as referenced in Rule 62-160.210(1), F.A.C. All laboratory analyses done in connection with the facility's Water Quality Monitoring Plan shall be conducted by firms that hold certificates from the Department of Health Environmental Laboratory Certification Program under Chapter 64E-1, F.A.C., as referenced in Rule 62-160.300(1), F.A.C. The SOPs utilized and the laboratory's list of certified test methods and analytes must specifically address the types of sampling and analytical work that are required by the permit and shall be implemented by all persons performing sample collection or analysis related to this permit. Alternate field procedures and laboratory methods may be used if approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C., respectively.

b. The field testing, sample collection and preservation, and laboratory testing, including the collection of quality control samples, shall be in accordance with the requirements of and methods approved by the Department in accordance with Rule 62-4.246 and Chapter 62-160, F.A.C. Approved methods published by the Department or as published in Standard Methods, or by A.S.T.M., or EPA methods shall be used.

**SPECIFIC CONDITIONS:**

**14. Zone of Discharge.**

a. The zone of discharge for this facility shall extend horizontally 100 feet from the limits of the landfill phase edges or to the property boundary, whichever is less, and shall extend vertically through the surficial aquifer to the bottom of the first confining unit.

b. The permittee shall ensure that the water quality standards and minimum criteria for Class G-II ground waters will not be exceeded at the boundary of the zone of discharge according to Rule 62-520.420, F.A.C., and that the minimum criteria listed in Rule 62-520.400, F.A.C., will not be exceeded outside the footprint of the landfill.

**15. Ground Water Monitor Well Locations.** The ground water monitor wells shall be located as shown on Figure 1 entitled "Monitoring Well Map", prepared by SEI, received June 24, 2004 (**attached**), as follow:

<u>Well No.</u>	<u>WACS Testsite No.</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-2	4535	Floridan	Lateral detection/ Vertical compliance	See Figure 1
MW-4	4537	Floridan	Lateral detection/ Vertical compliance	↓
MW-6A	4557	Floridan	Background	↓
MW-8	4592	Floridan	Lateral detection/ Vertical compliance	↓
MW-9A *	21211	Floridan	Lateral detection/ Vertical compliance	↓
MW-10 *	21212	Floridan	Lateral detection/ Vertical compliance	↓
MW-11 *	21213	Floridan	Lateral detection/ Vertical compliance	↓
MW-1	4534	Floridan	Piezometer	↓
MW-7	4564	Floridan	Piezometer	↓
MW-9	4593	Floridan	Piezometer	↓

\* = to be installed **within 60 days of permit issuance** in accordance with the construction details provided in Section 6.0 and Appendix IX of the document entitled "Ground Water Monitoring Plan Evaluation 1998 - 2002", prepared by CTL, revised April 8, 2004, received April 28, 2004; documentation of well construction details as indicated in Specific Condition Nos. 17.a. and 17.c. shall be submitted **within 30 days of well installation**; an initial sampling event as indicated in Specific Condition No. 16.b. shall be conducted **within 7 days of well installation and development**; results of initial sampling event shall be submitted to the Department **within 60 days of sample collection**.

All monitor wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to minimize unauthorized access.

**16. Ground Water Sampling.** The locations, parameters, and frequencies specified herein represent the minimum requirements for ground water monitoring. Additional samples, wells, and parameters may be required based upon subsequent analysis. Method Detection Limits must be reported at or below the Maximum Contaminant Levels established for the individual parameters to demonstrate compliance with Class G-II ground water standards referenced in Chapter 62-520, F.A.C. Compliance with ground water standards will be based on analysis of unfiltered samples.

a. Ground water levels shall be measured for all sampling events described in Specific Condition Nos. 16.b., 16.c., and 16.d., at all active wells and piezometers listed in Specific Condition No. 15 to a precision of 0.01 foot. Ground water surface contour maps prepared for each sampling event shall include water elevations (feet NGVD) calculated for each well and piezometer.

**SPECIFIC CONDITIONS:**

**16. Ground Water Sampling. (continued)**

b. An initial sampling event shall be conducted at wells MW-9A, MW-10 and MW-11 **within 7 days of well installation and development** for analysis of the following parameters:

<u>Field Parameters</u>	<u>Laboratory Parameters</u>	
Static water levels	Total ammonia	Iron
before purging	Chlorides	Mercury
Specific conductivity	Nitrate	Sodium
pH	Total dissolved solids (TDS)	
Temperature	<u>Parameters listed in 40 CFR</u>	
Turbidity	<u>Part 258, Appendix II</u>	
Dissolved oxygen		
Colors & sheens (by observation)		

c. Wells MW-2, MW-4, MW-6A, MW-8, MW-9A, MW-10 and MW-11 shall be sampled **quarterly** for analysis of the following parameters:

<u>Field Parameters</u>	<u>Laboratory Parameters</u>		
Static water levels	Chlorides	Aluminum	Manganese
before purging	Fluoride	Antimony	Mercury
Specific conductivity	Nitrate	Cadmium	Silver
pH	Total ammonia	Chromium	Sodium
Temperature	Gross alpha	Iron	Thallium
Turbidity	Radium 226 + 228	Lead	
Dissolved oxygen	Total dissolved solids (TDS)		
Colors & sheens			
(by observation)			

d. To demonstrate that the reduced list of parameters listed in Specific Condition No. 16.c. remains appropriate, wells MW-2, MW-4, MW-6A, MW-8, MW-9A, MW-10 and MW-11 shall be sampled **during the fourth quarter of each year** for analysis of the parameters listed in Rule 62-701.510(8)(a), F.A.C., as follow:

<u>Field Parameters</u>	<u>Laboratory Parameters</u>	
Static water levels	Chlorides	Aluminum
before purging	Fluoride	Iron
Specific conductivity	Nitrate	Manganese
pH	Total ammonia	Mercury
Temperature	Total dissolved solids (TDS)	Sodium
Turbidity	<u>Parameters listed in 40 CFR</u>	
Dissolved oxygen	<u>Part 258, Appendix I</u>	
Colors & sheens	Gross alpha	
(by observation)	Radium 226 + 228	

**17. Ground Water Monitor Well Construction.** Prior to construction of any new or replacement wells (excluding wells MW-9A, MW-10 and MW-11), the permittee shall request and receive Department approval of a minor permit modification. The following information is required to be submitted within 90 days of new or replacement well installation, or as stated below:

a. Construction details for all new or replacement wells shall be provided to the Department's Southwest District Office on Department Form No. 62-522.900(3), Monitor Well Completion Form (**see Attachment 4**).

b. **Within one week of well completion and development**, each new or replacement well shall be sampled for the parameters listed in Rules 62-701.510(8)(a), and 62-701.510(8)(d), F.A.C.

c. A surveyed drawing shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitoring wells (active and abandoned) horizontally located in degrees, minutes and seconds of latitude and longitude, and the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the monitor well identification number, locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

**SPECIFIC CONDITIONS:**

**18. Well Abandonment.** All wells not a part of the approved Water Quality Monitoring Plan shall be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the Southwest Florida Water Management District. The permittee shall submit a written report to the Department within 90 days of well abandonment documenting verification of the well abandonment. A written request for exemption to the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

**19. Verification/Evaluation Monitoring.** If at any time monitoring parameters are detected at concentrations significantly above background water quality, or exceed the Department's water quality standards or criteria at the edge of the zone of discharge, the permittee has 30 days within receipt of the laboratory data to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis to be representative of current ground water conditions at the facility. If the data is confirmed, or if the permittee chooses not to resample, the permittee shall notify the Department within 14 days of this finding. Upon notification by the Department, the permittee shall initiate evaluation monitoring, prevention measures and corrective action as described in Rule 62-701.510(7), F.A.C.

**20. Water Quality Reporting Requirements.** All ground water quality monitoring shall be reported on Department Form 62-522.900(2), Groundwater Monitoring Report (see Attachment 5). The permittee shall submit to the Department the results of the water quality analyses required by Specific Condition Nos. 16.c. and 16.d. quarterly by January 15<sup>th</sup>, April 15<sup>th</sup>, July 15<sup>th</sup> and October 15<sup>th</sup> of each year. Each report shall contain the information listed in Rule 62-701.510(9)(a), F.A.C., including a ground water contour map representing conditions at the time of sampling and a summary of any water quality standards or criteria that are exceeded. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-1352.

**21. Ground Water Monitoring Plan Evaluation.**

a. An evaluation of the adequacy of existing wells MW-2 and MW-4 shall be submitted to the Department **within 30 days of receipt of Department approval** of the Preliminary Contamination Assessment Report (PCAR) prepared in accordance with Consent Order No. 04-0131. This evaluation shall be the basis for determining the need to install additional detection and/or compliance wells in the vicinity of wells MW-2 and MW-4. In the event that additional wells are required and upon receipt of Department approval of the recommendations of the PCAR, the permittee shall submit a request for minor permit modification to revise the approved monitoring plan (Specific Condition Nos. 15 and 16) and establish the routine list of parameters and sampling frequency at the additional wells.

b. By June 15, 2006 and no later than one hundred and eighty (180) days before permit expiration (by December 15, 2008), the permittee shall submit an evaluation of the water quality monitoring data. The due dates and time periods to be covered by the evaluations are summarized below:

Ground Water Monitoring Evaluation Due Date	Starting Sampling Event	Ending Sampling Event
June 15, 2006	First quarter 2003	First quarter 2006
December 15, 2008	Second quarter 2006	Third quarter 2008

The evaluations shall include the applicable information as listed in Rule 62-701.510(9)(b), F.A.C., and shall include assessment of the effectiveness of the existing landfill design and operation as related to the prevention of ground water contamination. Any ground water contamination that may exist shall be addressed as part of a ground water investigation for the landfill assessment.

**SPECIFIC CONDITIONS:**

**22. Permit Renewal Requirements.** No later than one hundred eighty (180) days prior to permit expiration (by December 15, 2008), the permittee shall apply for renewal of this long-term care permit on forms and in a manner prescribed by the Department, to assure conformance with all applicable Department rules. Applicants for permit renewal shall demonstrate how they will comply with any applicable new or revised laws or rules relating to construction, operation, or closure, monitoring and maintenance of landfills. Long-term care plans shall be updated at the time of permit renewal to reflect changes in closure design and long-term care requirements. The application must include an engineering report that evaluates the landfill cover, subsidence, gas generation and migration, stormwater control, and the status of other landfill systems. Alternately, the permittee may submit a Stabilization Assessment Report to demonstrate that the facility has "stabilized" as defined in Rule 17-701.020(61), F.A.C. (described in Specific Condition No. 2, above), and request that the Department authorize the termination of long-term care, monitoring and maintenance activities at the Sumter County Landfill. In the event that the provided data does not demonstrate that the facility has met the definition of "stabilized", renewal of the long-term care permit shall be required.

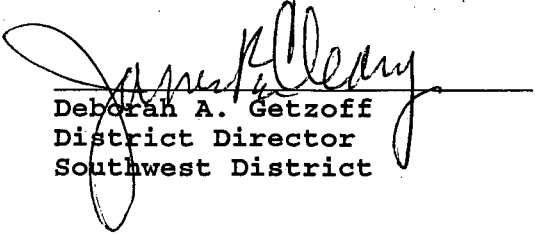
**23. Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications, permit modifications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

**24. General Conditions.** The permittee shall be aware of and operate under the "General Conditions." General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

**25. Permit Acceptance.** By acceptance of this Permit, the permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein, including the dates of permit expiration and renewal deadlines. It is a violation of this permit to fail to comply with all permit conditions and deadlines.

Executed in Tampa, Florida

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Deborah A. Getzoff  
District Director  
Southwest District

ATTACHMENT 3

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
9.a.	Annually by September 1 <sup>st</sup> of each year	Submit financial assurance cost estimate updates
9.b.	Annually	Submit proof of funding
10.	Annually, by December 15 <sup>th</sup> of each year	Submit results of landfill gas migration monitoring
20.	Quarterly, by January 15 <sup>th</sup> , April 15 <sup>th</sup> , July 15 <sup>th</sup> , and October 15 <sup>th</sup> of each year	Submit results of ground water sample analysis
21.b.	June 15, 2006, and December 15, 2008	Submit an evaluation of the ground water monitoring plan
22.	180 days prior to permit expiration (by December 15, 2008)	Submit permit renewal application or stabilization assessment report

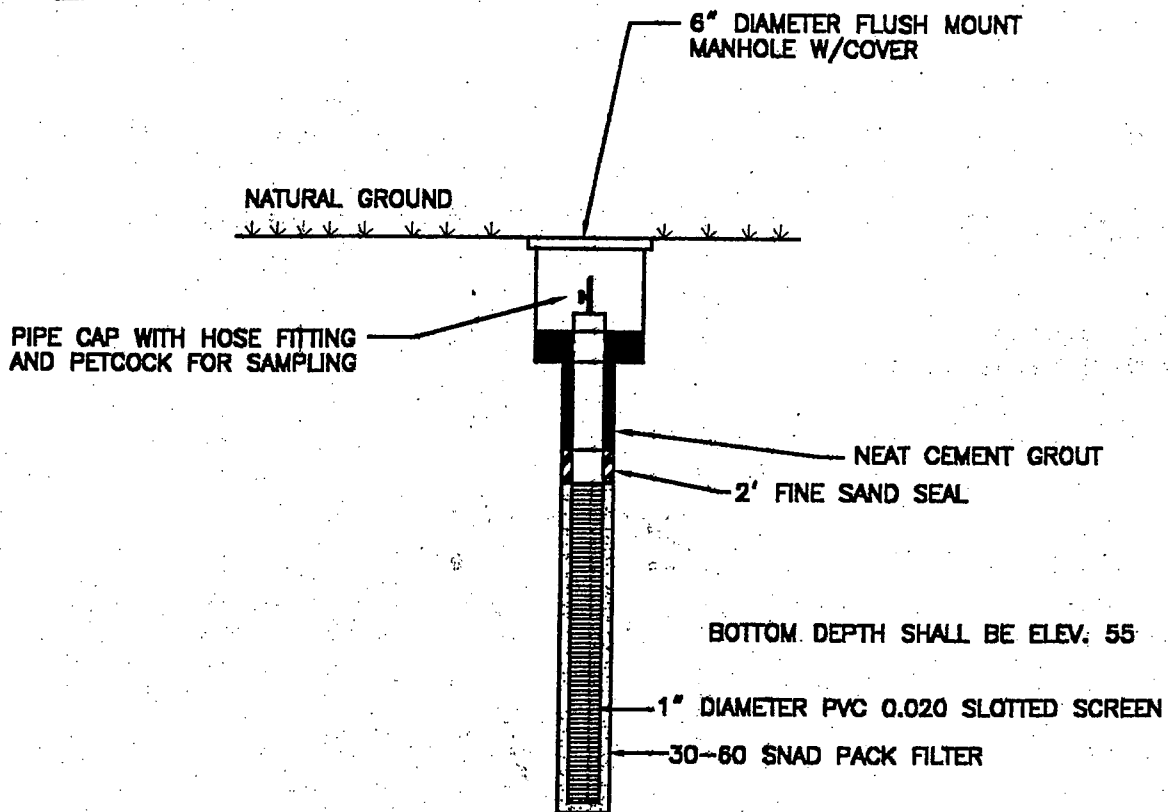
**D.E.P.**  
JUN 24 2004  
Southwest District Tampa

[illegible]

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

FEB 02 2004

SOUTHWEST DISTRICT  
TAMPA



TYPICAL GAS MONITORING PROBE  
NTS



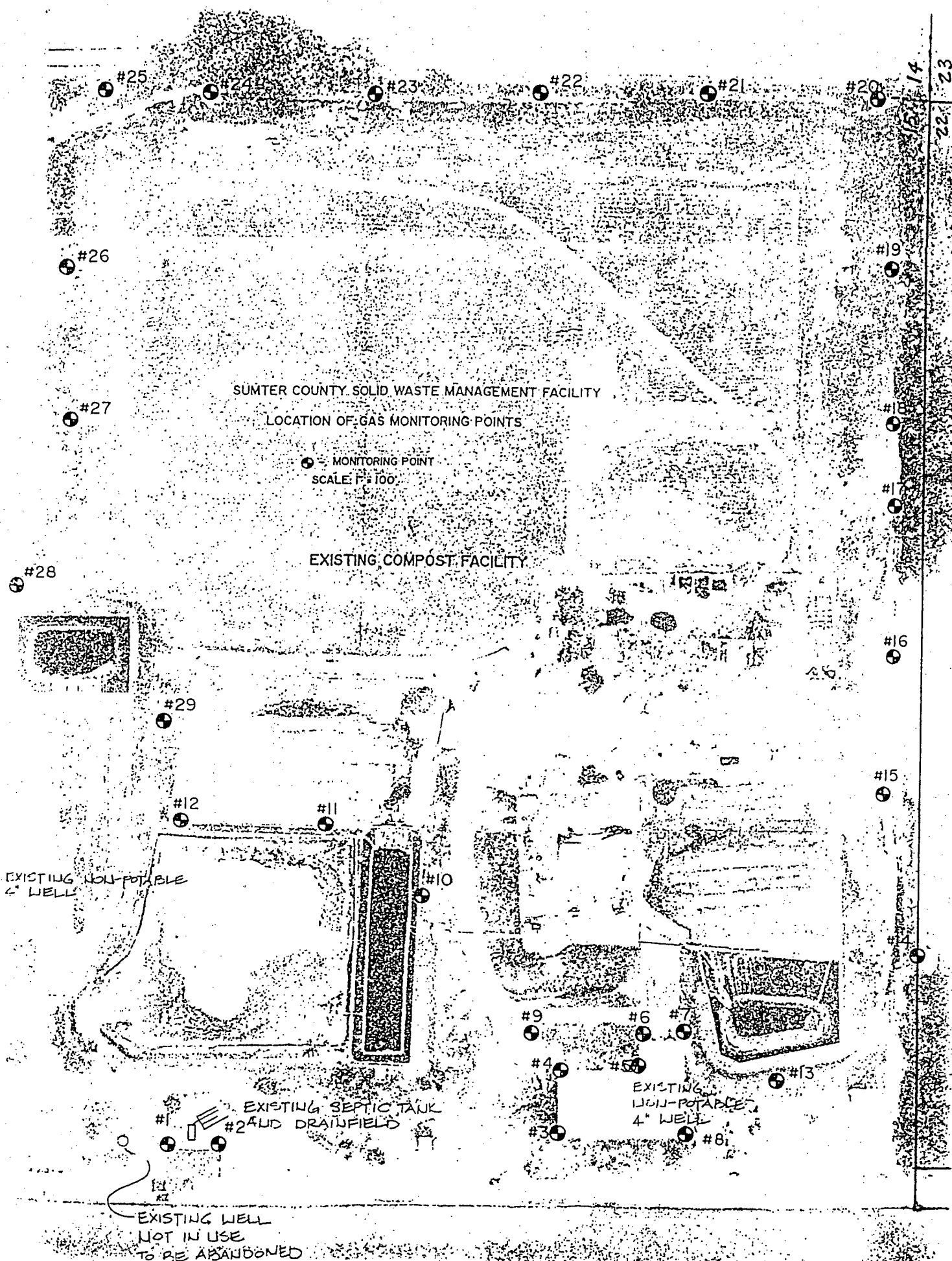
**Springstead  
Engineering, Inc.**  
Consulting Engineers  
Planners  
Surveyors

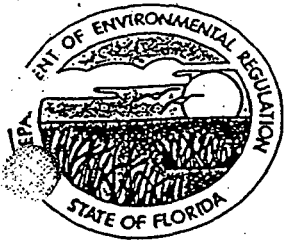
**TYPICAL GAS  
MONITORING PROBE**

921100.020

1/8/04







# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

December 11, 1989

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase I Cell Closure  
Permit No.: SC60-146475  
Inspection of New Lined Cell  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On December 6, 1989, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase I Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on October 25, 1989. The Department determines that the Phase I closure is developed in accordance with the approved permit.

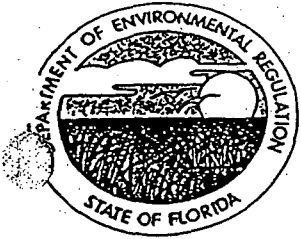
Regarding the new lined cell on site, we are concerned over the siting of the lift station inside the lined area of the new cell. This is a major deviation from the approved plans and we have no record drawings showing this change. Please submit an explanation for this deviation along with record drawings and a description of the measures taken to ensure that the lift station will not cause leakage through the newly installed liner. The Department does not approve the use of the new lined cell.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering



# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

May 24, 1990

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase II Cell Closure  
Permit No.: SF60-146475  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On May 22, 1990, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase II Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on May 10, 1990.

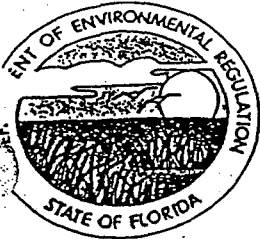
Present at the May 22, 1990, inspection were Garry Breeden, Tommy Hurst, Ralph Warnock, Matt Tala, Sandra Sequeira and Ernest Weeks. The Department determines that the Phase II closure is developed in accordance with the approved permit.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering



# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garity, Deputy Assistant Secretary

March 5, 1990

Mr. Garry Breeden, Director  
Sumter County Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Certification of Phase III Cell Closure  
Permit No.: SF60-146475  
Sumter County Class I Sanitary Landfill

Dear Mr. Breeden:

On February 22, 1990, the Department of Environmental Regulation inspected the Sumter County Class I Sanitary Landfill Phase III Closure to ensure its development in accordance with the approved permit. Certification of Construction Completion was received on February 7, 1990.

Present at the February 22, 1990, inspection were Kim Ford and Ernest Weeks. The Department determines that the Phase III closure is developed in accordance with the approved permit.

Sincerely,

Ernest G. Weeks  
Engineer I  
Solid Waste Section  
Division of Waste Management

EGW/ab

cc: Paul Bradley, P.E., Springstead Engineering

DECLARATION TO THE PUBLIC

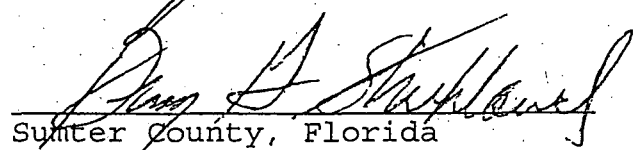
Sumter County, Florida, political subdivision of the State of Florida, does hereby declare that the following described real property is filled with solid waste and has been utilized as a land fill site. Any and all future owners or users of the following described real property should consult with the Florida Department of Environmental Protection prior to planning or initiating any activity involving the disturbance of the land fill cover, monitoring system or other control structures.

## Legal Description:

The South 990.00 feet of the SE 1/4 of the SE 1/4 of Section 15, Township 20 South, Range 22 East, Sumter County, Florida.


Map of area filled with solid waste attached hereto.

DATED this 10<sup>th</sup> day of February, 1998.

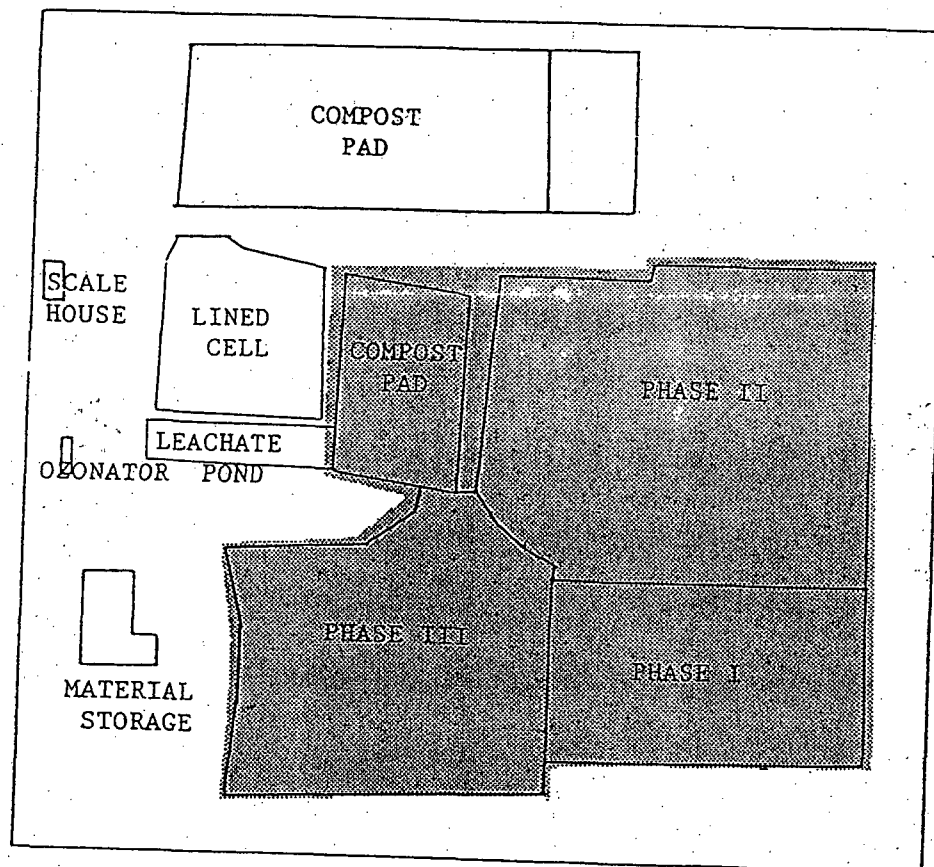
  
Sumter County, Florida  
By: Benny Strickland, Chairman


RECORDED IN  
PUBLIC RECORDS  
SUMTER COUNTY, FLA.

'98 FEB 25 PM 1 45

GLORIA R. HAYWARD  
CLERK OF CIRCUIT COURT  
  
B. J. HAYWARD & ASSOCIATES, P.A.

324774



 = AREA FILLED WITH SOLID WASTE

# ATTACHMENT 4

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

DEP Form # 62-522.900(3)
Form Title <u>MONITOR WELL COMPLETION REPORT</u>
Effective Date _____
DEP Application No. _____ (Filled in by DEP)

## MONITOR WELL COMPLETION REPORT

DATE: \_\_\_\_\_

INSTALLATION NAME: \_\_\_\_\_

DEP PERMIT NUMBER: \_\_\_\_\_ GMS NUMBER: \_\_\_\_\_

WELL NUMBER: \_\_\_\_\_ WELL NAME: \_\_\_\_\_

DESIGNATION: Background \_\_\_\_\_ Immediate \_\_\_\_\_ Compliance \_\_\_\_\_

LATITUDE/LONGITUDE: \_\_\_\_\_

AQUIFER MONITORED: \_\_\_\_\_

INSTALLATION METHOD: \_\_\_\_\_

INSTALLED BY: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_ (bls) DEPTH OF SCREEN: \_\_\_\_\_ (bls)

SCREEN LENGTH: \_\_\_\_\_ SCREEN SLOT SIZE: \_\_\_\_\_ SCREEN TYPE: \_\_\_\_\_

CASING DIAMETER: \_\_\_\_\_ CASING TYPE: \_\_\_\_\_

LENGTH OF CASING: \_\_\_\_\_ FILTER PACK MATERIAL: \_\_\_\_\_

TOP OF CASING ELEVATION (MSL): \_\_\_\_\_

GROUND SURFACE ELEVATION (MSL): \_\_\_\_\_

COMPLETION DATE: \_\_\_\_\_

DESCRIBE WELL DEVELOPMENT: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

POST DEVELOPMENT WATER LEVEL ELEVATION (MSL): \_\_\_\_\_

DATE AND TIME MEASURED: \_\_\_\_\_

REMARKS: (soils information, stratigraphy, etc.): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

REPORT PREPARED BY: \_\_\_\_\_

(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

## ATTACHMENT 5

### Florida Department of Environmental Protection

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

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring Report

Effective Date \_\_\_\_\_

DEP Application No. \_\_\_\_\_

## GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

### PART I GENERAL INFORMATION

- (1) Facility Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone Number ( ) \_\_\_\_\_
- (2) The GMS Identification Number \_\_\_\_\_
- (3) DEP Permit Number \_\_\_\_\_
- (4) Authorized Representative Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone Number ( ) \_\_\_\_\_
- (5) Type of Discharge \_\_\_\_\_
- (6) Method of Discharge \_\_\_\_\_

### Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

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

Signature of Owner or Authorized Representative

### PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization      Comp QAP # \_\_\_\_\_

Analytical Lab      Comp QAP # /HRS Certification # \_\_\_\_\_

                                 \*Comp QAP # /HRS Certification # \_\_\_\_\_

Lab Name \_\_\_\_\_

Address \_\_\_\_\_

Phone Number ( ) \_\_\_\_\_



## ATTACHMENT 5

### PART III ANALYTICAL RESULTS.

Facility GMS #: \_\_\_\_\_ Sampling Date/Time: \_\_\_\_\_

Test Site ID #: \_\_\_\_\_ Report Period: \_\_\_\_\_  
(year/quarter)

Well Name: \_\_\_\_\_ Well Purged (Y/N): \_\_\_\_\_

Classification of Ground Water: \_\_\_\_\_ Well Type: ( ) Background

Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance

or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

\* Attach Laboratory Reports