22926

EB 0002407

Central Testing Laboratory

Engineering and Materials Testing

Reply to:

March 12, 1999

Leesburg

Ms. Susan Pelz, P.E.
Department of Environmental Protection
3804 Coconut Plam Drive
Tampa, FL 33619

D.E.P.
MAR 18 1999
Southwest District Tampa

RE: Scrubber & Biofilter Test Results
Sumter County Solid Waste Management Facility
First Quarter 1999

Dear Ms. Pelz:

D.E.P.
MAR 18 1999
Southwest District Tampa

Central Testing Laboratory (CTL) has completed the first quarter air and scrubber water analysis as required by Specific Conditions No. 10D of the composting permit. The air was sampled prior to entering the scrubber, B, and at the outlet of the biofilter, A. The air samples were tested for BTEX and TRPH. The scrubber water was tested for characteristics of hazardous waste. A table outlining the results for the past four quarterly events is attached for your review.

If you should need additional information or have questions concerning the report, please feel free to contact our office.

Very Truly Yours,
Central Testing Laboratory

Judi M. Kelch
Environmental Technician

David W. Springstead, P.E.
Fl. Registration No.: 48229

Attachments
cc: Garry Breeden
Terry Hurst
Mitch Kessler

P.O. Box 883
Floral City, FL 34436
(352) 726-6447

727 S. 14TH Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Feb12 1999
Project Number : Sumter Haz
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: FP NACE
Date Sampled:Feb 9 1999 Date Received:Feb10 1999 Lab Number : 8185

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	8185 EFF
Flash_Point	oF	75.0	101.	.000	>200.
NACE	mm/yr	.00100			<.0010

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
This Report may not be reproduced in part, results relate only to items tested.

Jefferson S. Flowers, Ph.d.
President/Technical Director

Section 1 of 5 Page 1 of 1

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Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Mar 1 1999
Project Number : Sumter Water
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: CN
Date Sampled:Feb18 1999 Date Received:Feb19 1999 Lab Number : 8749

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	8749 EFFLUENT
Cyanide	mg/L	.00500	118.	.510	<.0050

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
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President/Technical Director

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Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Mar 4 1999
Project Number : Sumter Water
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: H2S
Date Sampled:Mar 1 1999 Date Received:Mar 2 1999 Lab Number : 9343

REPORT OF ANALYSIS

	Hydrogen Sulfide mg/L
Accuracy:	
Precision:	
Det.Limit:	0.500
Client ID	
Lab Number	
EFF	
9343	<0.500

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
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Jefferson S. Flowers, Ph.d.
President/Technical Director

Section 1 of 5 Page 1 of 1

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Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Feb12 1999
Project Number : Sumter Haz
PO Number : N/A
FDHRS Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: FP NACE
Date Sampled:Feb 9 1999 Date Received:Feb10 1999 Lab Number : 8185

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected Value	Range	Correlation
			8185		
Flash_Point	oF	300.	172.	200.	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.

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FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

Parameter	Symbol	Unit	eff 8185										QA Method	QA MDL	Section %RSD	Section %Rec	Analys	Date
Flash_Point	*	oF	>200.										EPA1010	75		101.29870	DRP	02-11-99
NACE Corrosivity	*	mm/yr	<0.001U										-	0.001			DPL	02-11-99

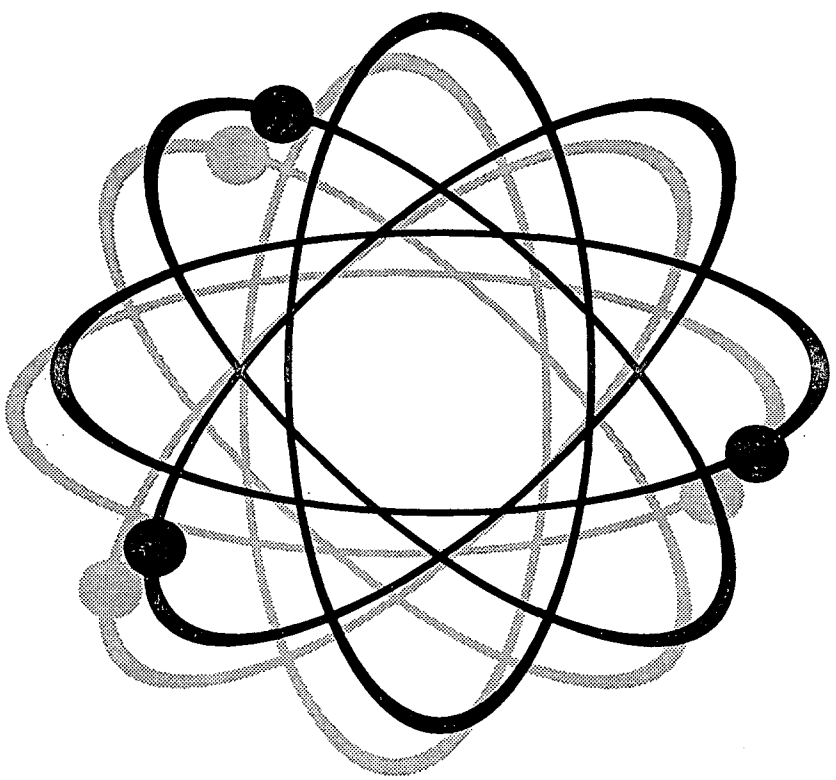
Date Received: 02-10-99 Typed: 02-12-99 Sent: 02-12-99

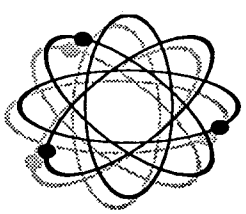
Project Number	Sumter Haz		
PO Number	N/A		
Date Sampled	1	02-09-99	*
Date Analyzed	0		
Compacted			
Format	NormRR		
Unit Cost	Exted		
FP	4500	1	*
NACE	3000	1	*

Quality Assurance Report

Prepared for: Cent.Testing Lab
Project Number: Sumter Haz
Lab Numbers: 8185 - 8185

Report date: 12-Feb-99





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LABORATORIES

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QA Conformance Summary

Client:	Cent.Testing Lab
Project Number:	Sumter Haz
P.O. Number:	N/A
Date Sampled:	9-Feb-99
Lab Numbers:	8185 - 8185

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter

The requested analytes did not require surrogates.

Accuracy / Precision:

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

The control limits were met for all compounds as shown in section 4.

Standards Traceability:

FLOWERS CHEMICAL LABORATORIES,INC.

QA Section 3

Method Blank Report

Client: Cent.Testing Lab
Project Number: Sumter Haz
P.O. Number: N/A
Date Sampled: 9-Feb-99
Lab Numbers: 8185 - 8185

Analyte	Unit	Method	Date	Concentration
Flash_Point	oF	EPA1010	02-11-99	<75

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent.Testing Lab
Project Number: Sumter Haz
P.O. Number: N/A
Date Sampled: 9-Feb-99
Lab Numbers: 8185 - 8185

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Flash_Point	oF	EPA1010	02-11-99	77.0	78.0	101%	66.5 - 88.2

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Number: 8185

This form was intentionally left blank.

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Jefferson S. Flowers, Ph.D
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CHEMICAL LABORATORIES INCORPORATED

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FLORIDA 32715-0597
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FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client Central Testing Lab
Address 727 S. 14th St.
Leesburg Fl 34748
Phone 352-787-1268

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: 10-day

P.O. Number
Project Name / No. Sumter Hay.
Contact

Sampled By (PRINT): Judi Kelch
Sampler Signature: Judi Kelch
Date Sampled: 2-9-99

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	PRESERVATIVES: H_2SO_4	PRESERVATIVES: HNO_3	PRESERVATIVES: HCl	ANALYSES REQUEST: ignitability	ANALYSES REQUEST: Reactivity	ANALYSES REQUEST: corrosivity	ANALYSES REQUEST: BTEX - TPH	ANALYSES REQUEST: <4°C pH<2
1	EFF	9:45	Eff	8185	1	X								NO BOTTLES FOR REACTIVITY
2	EFF	9:45	Eff	↓	1		X							
3	EFF	9:45	Eff	↓	1			X						
4														
5	A	10:00	air	30697									X	
6	B	10:00	air	30698									X	

CARRIER	BAILERS	SHIP DATES: OUT / DATE	SHIP DATES: RETURNED / DATE

SPECIAL INSTRUCTIONS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
			FCL	2/10/99	1020

1199

FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

Parameter	Symbol	Unit	Effluent 8749										QA Method	QA MDL	Section %RSD	Section %Rec	Analys	Date
Cyanide	*	mg/L	<0.005U										EPA335.2	0.005	0.5118352	118.79071	DRP	03-01-99

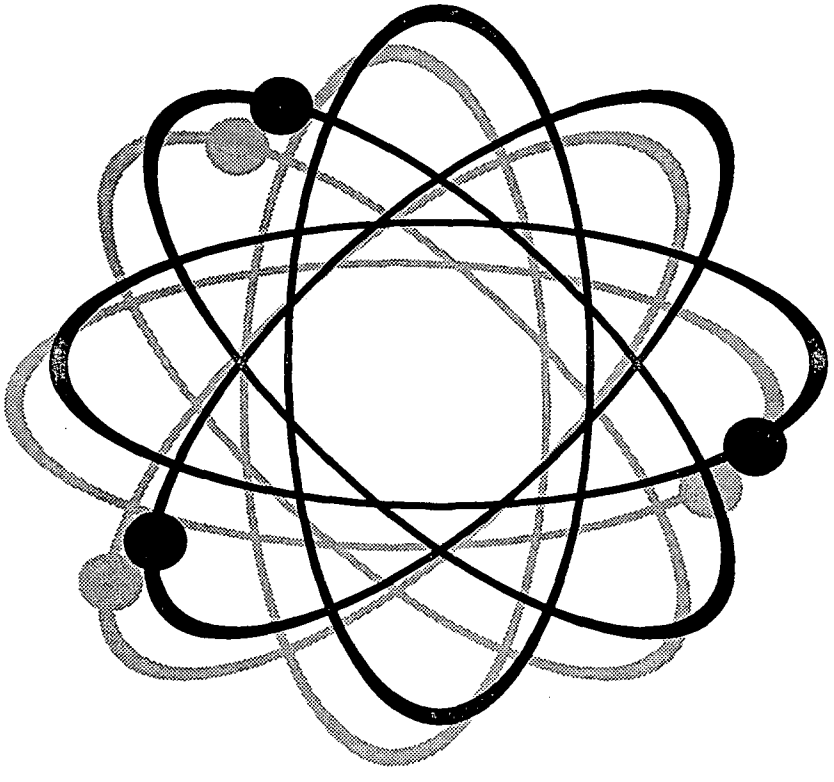
Date Received: 02-19-99 Typed: 03-01-99 Sent: 03-01-99

Project Number	Sumter Water	
PO Number	N/A	
Date Sampled	1	02-18-99 *
Date Analyzed	0	
Compacted		
Format	NormRR	
Unit Cost	Exted	
CN	3000	1 *

Quality Assurance Report

Prepared for: Cent.Testing Lab
Project Number: Sumter Water
Lab Numbers: 8749 - 8749

Report date: 1-Mar-99



FLOWERS CHEMICAL LABORATORIES

FLOWERS CHEMICAL LABORATORIES, INC.

QA Conformance Summary

Client:	Cent.Testing Lab
Project Number:	Sumter Water
P.O. Number:	N/A
Date Sampled:	18-Feb-99
Lab Numbers:	8749 - 8749

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter

Surrogate Compound Recoveries:

The requested analytes did not require surrogates.

Accuracy / Precision:

The recovery limits were met for all compounds in the matrix spike as shown in section 2.

The recovery limits were met for all compounds in the matrix spike duplicate as shown in section 2.

The RSD was met for all compounds as shown in section 2.

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

The control limits were met for all compounds as shown in section 4.

Standards Traceability:

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Cent.Testing Lab
Project Number: Sumter Water
P.O. Number: N/A
Date Sampled: 18-Feb-99
Lab Numbers: 8749 - 8749

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Cyanide	mg/L	EPA335.2	03-01-99	0.1	-0.001	0.118	119%	0.119	119%	0.058 - 0.135	0.000	0 - 0.024

FLOWERS CHEMICAL LABORATORIES,INC.

QA Section 3

Method Blank Report

Client: Cent.Testing Lab
Project Number: Sumter Water
P.O. Number: N/A
Date Sampled: 18-Feb-99
Lab Numbers: 8749 - 8749

Analyte	Unit	Method	Date	Concentration
Cyanide	mg/L	EPA335.2	03-01-99	<0.005

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent.Testing Lab
Project Number: Sumter Water
P.O. Number: N/A
Date Sampled: 18-Feb-99
Lab Numbers: 8749 - 8749

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Cyanide	mg/L	EPA335.2	03-01-99	0.050	0.057	114%	0.036 - 0.063

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Number: 8749

This form was intentionally left blank.

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FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client: Central Testing Lab
Address: 727 S. 14th St.
Leesburg, Fl 34748
Phone: 352-787-1268

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: 10-day

P.O. Number
Project Name / No.: Sumter H2o
Contact

led By (PRINT): Judi Kola
Sampler Signature: Judi Kola
Date Sampled: 2-18-99

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl	ANALYSES REQUEST: Reduction	
1	Effluent	12:00	GP	8749							H_2S BROKEN
2	"	"	"								
3	"	"	"								
4											
5											
6											

CARRIER	BAILERS	SHIP DATES: OUT / DATE	SHIP DATES: RETURNED / DATE

SPECIAL INSTRUCTIONS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
			[signature]	2/19/99	0900

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

1199

FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

Parameter	Symbol	Unit	Eff 9343										QA Method	QA MDL	Section %RSD	Section %Rec	Analys	Date
Hydrogen Sulfide	*	mg/L	<0.5U										EPA376.1	0.5			TRB	03-04-99

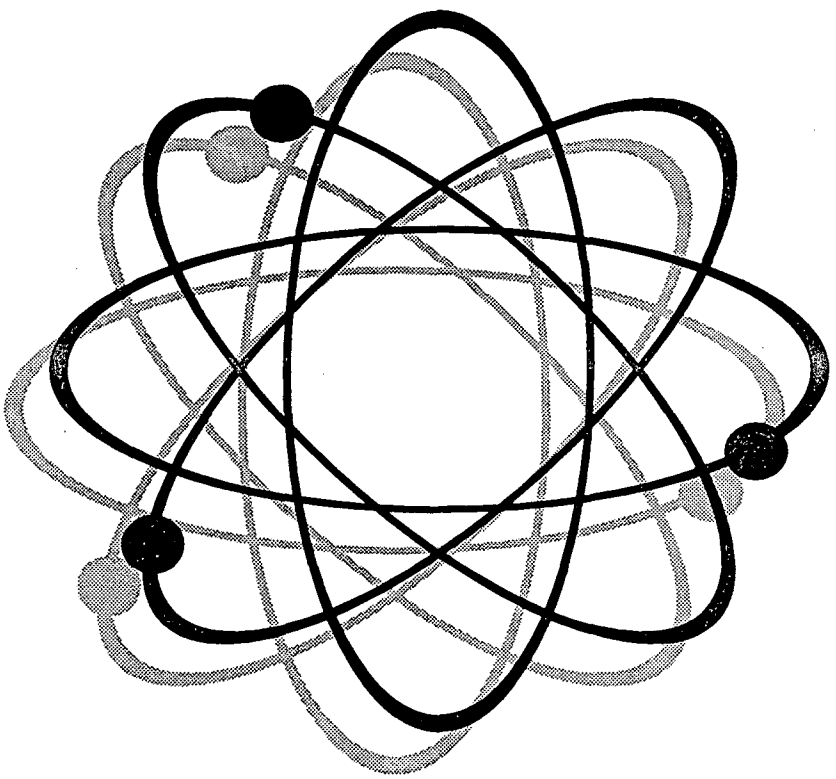
Date Received: 03-02-99 Typed: 03-04-99 Sent: 03-04-99

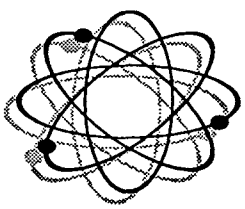
Project Number	Sumter Water	
PO Number	N/A	
Date Sampled	1	03-01-99 *
Date Analyzed	0	
Compacted		
Format	NormL	
Unit Cost	Exted	
H2S	1000	1 *

Quality Assurance Report

Prepared for: Cent.Testing Lab
Project Number: Sumter Water
Lab Numbers: 9343 - 9343

Report date: 4-Mar-99





FLOWERS
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FLOWERS CHEMICAL LABORATORIES,INC.

QA Conformance Summary

Client:	Cent.Testing Lab
Project Number:	Sumter Water
P.O. Number:	N/A
Date Sampled:	1-Mar-99
Lab Numbers:	9343 - 9343

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter

The requested analytes did not require surrogates.

Accuracy / Precision:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

Standards Traceability:

FLOWERS CHEMICAL LABORATORIES,INC.

QA Section 3

Method Blank Report

Client: Cent.Testing Lab
Project Number: Sumter Water
P.O. Number: N/A
Date Sampled: 1-Mar-99
Lab Numbers: 9343 - 9343

Analyte	Unit	Method	Date	Concentration
Hydrogen Sulfide	mg/L	EPA376.1	03-04-99	<0.5

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Number: 9343

Lab # 9343

Container 230373 Glass 1 L:

Aux Mbl Cart 5 Sh E32 Tue, 03/02/99 02:14PM

Jefferson L. Flowers, Ph.D
Jefferson S. Flowers, Ph.D
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481 NEWBURYPORT Av.
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FAX: (407) 260-6110

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FLORIDA 32715-0597
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FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client: Central Testing Lab
Address: 727 S. 14th St.
Leesburg Fl 34748
Phone: 352-787-1269

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: 10-day

P.O. Number
Project Name / No.: Sumter Area
Contact

Sampled By (PRINT): Judi Kidd
Sampler Signature: Judi Kidd
Date Sampled: 3-1-99

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl	$ZnC_2H_3O_2$ (NaOH)	ANALYSES REQUEST: H_2S (Presence)									
1	H20	10:30	EFF	9343	1						Y									<4°C/pH<2
2																				
3																				
4																				
5																				
6																				

CARRIER	BAILERS	SHIP DATES: OUT / DATE	SHIP DATES: RETURNED / DATE	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SPECIAL INSTRUCTIONS

3/2/99 0925

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Feb17 1999
Project Number : Sumter Haz
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: BTEX TRPH
Date Sampled:Feb 9 1999 Date Received:Feb10 1999 Lab Numbers: 30697-30698

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	30697 A	30698 B
Tot_Pet_Hydrocarbons	mg/m3	1.00			130.	420.
Benzene	mg/m3	0.200			<0.200	<0.200
Toluene	mg/m3	0.500			<0.500	2.74
Ethylbenzene	mg/m3	0.500			<0.500	<0.500
Xylene	mg/m3	0.500			<0.500	2.23
Total_BTEX	mg/m3	0.500			<0.500	4.97
Methane	mg/m3	0.500			-	-
Methyl-tert-butyleth	mg/m3	0.500			<0.500	<0.500
Carbon_Dioxide	mg/m3	0.500			-	-

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
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Jefferson S. Flowers, Ph.d.
President/Technical Director

Section 1 of 5 Page 1 of 1

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WEB: www.flowerslabs.com

FLOWERS CHEMICAL LABORATORIES INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Feb17 1999
Project Number : Sumter Haz
PO Number : N/A
FDHRS Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: BTEX TRPH
Date Sampled:Feb 9 1999 Date Received:Feb10 1999 Lab Numbers: 30697-30698

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected Value	Range	Correlation
				30697	
Tot_Pet_Hydrocarbons	mg/m3	134000	12400	130.	
				30698	
Tot_Pet_Hydrocarbons	mg/m3	134000	12400	420.	
Toluene	mg/m3	2230	202.	2.74	
Xylene	mg/m3	676.	103.	2.23	
Total_BTEX	mg/m3	3560	412.	4.97	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.

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Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Billed : Feb17 1999
Project Number : Sumter Haz
PO Number : N/A
FDHRS Number : 83139
FDER Number : E83018
NCDEHNR Number : 296
SCDHEC Number : 96019

For: BTEX TRPH
Date Received: Feb10 1999

Invoice Number : 30697B99

I N V O I C E

Analysis of 5 Day EPA18	For	2 Samples at	$84.38 each	$168.76
Total amount due this invoice				$168.76

Thank You.

This invoice is due upon receipt.

VISA, MasterCard, and American Express cards accepted.

There will be a 1.5% Service charge per month on all unpaid invoices.

481 NEWBURYPORT AVE.
ALTAMONTE SPRINGS,
FLORIDA 32701
P.O. BOX 150597
ALTAMONTE SPRINGS,
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110
WEB: www.flowerslabs.com

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Billed : Feb17 1999
Project Number : Sumter Haz
PO Number : N/A
FDHRS Number : 83139
FDER Number : E83018
NCDEHNR Number : 296
SCDHEC Number : 96019

For: BTEX TRPH
Date Received: Feb10 1999

Invoice Number : 30697B99

I N V O I C E

Analysis of 5 Day EPA18	For	2 Samples at	$84.38 each	$168.76
Total amount due this invoice				$168.76

Thank You.

This invoice is due upon receipt.

VISA, MasterCard, and American Express cards accepted.

There will be a 1.5% Service charge per month on all unpaid invoices.

481 NEWBURYPORT AVE.
ALTAMONTE SPRINGS,
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FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110
WEB: www.flowerslabs.com

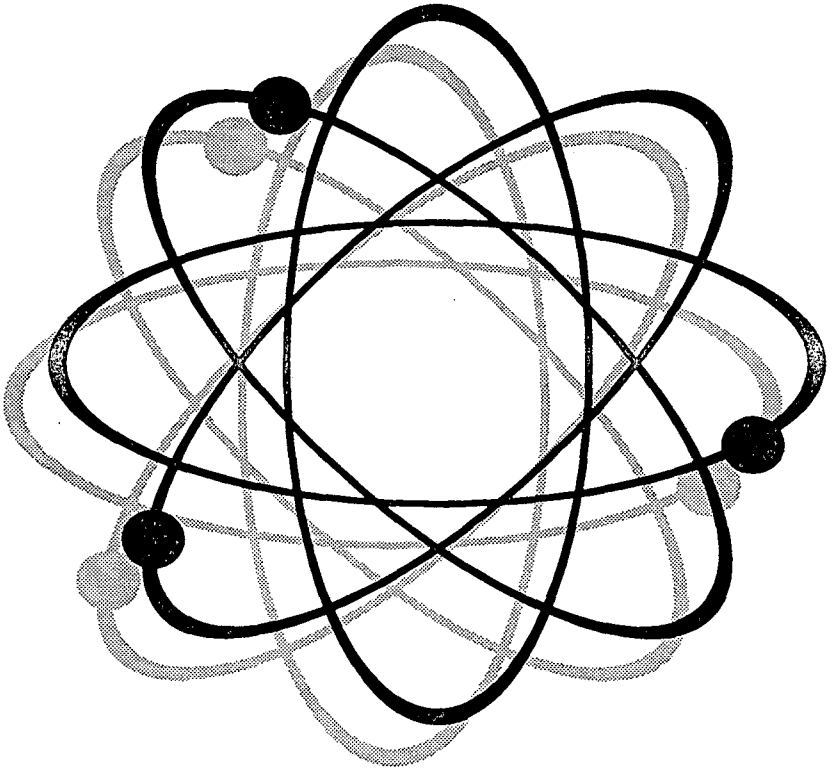
1199													FLOWERS CHEMICAL LABORATORIES					
													ANALYTICAL RESULTS FORM HRS Number 83139					
			A	B										QA	Section			
Parameter	Symbol	Unit	30697	30698									Method	MDL	%RSD	%Rec	Analys	Date
Tot_Pet_Hydrocarbons	*	mg/m3	130J	420J									EPA18	1			DO	02-10-99
Benzene	*	mg/m3	<0.2U	<0.2U									EPA18	0.2			DO	02-10-99
Toluene	*	mg/m3	<0.5U	2.74J									EPA18	0.5			DO	02-10-99
Ethylbenzene	*	mg/m3	<0.5U	<0.5U									EPA18	0.5			DO	02-10-99
Xylene	*	mg/m3	<0.5U	2.23J									EPA18	0.5			DO	02-10-99
Total_BTEX	*	mg/m3	<0.5U	4.97J									EPA18	0.5			DO	02-10-99
Methane	*	mg/m3	-	-									EPA18	0.5			DO	02-10-99
MTBE	*	mg/m3	<0.5U	<0.5U									EPA18	0.5			DO	02-10-99
CO2	*	mg/m3											EPA18	0.5				
			Date Received:		02-10-99		Typed:		02-17-99	Sent:		02-17-99						

Project Number	Sumter Haz	
PO Number	N/A	
Date Sampled	1	02-09-99 *
Date Analyzed	0	
Compacted		
Format	NormRR	
Unit Cost	Exted	
4 Day EPA18	9375	2 *

Quality Assurance Report

Prepared for: Cent.Testing Lab
Project Number: Sumter Haz
Lab Numbers: 30697 - 30698

Report date: 17-Feb-99



FLOWERS
CHEMICAL
LABORATORIES

FLOWERS CHEMICAL LABORATORIES, INC.

QA Conformance Summary

Client:	Cent.Testing Lab
Project Number:	Sumter Haz
P.O. Number:	N/A
Date Sampled:	9-Feb-99
Lab Numbers:	30697 - 30698

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter

The requested analytes did not require surrogates.

Accuracy / Precision:

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

QCCS Check Sample:

The control limits were met for all compounds as shown in section 4.

Standards Traceability:

The t-test limits were met for all calibration standards as shown in section 5.
The t-test limits were met for all QCCS standards as shown in section 5.
The t-test limits were exceeded for 1 matrix spike standard as shown in section 5. This represents a 85.7% success rate.
The t-test limits were exceeded for 3 surrogate spike standards as shown in section 5. This represents a -200.0% success rate.

FLOWERS CHEMICAL LABORATORIES,INC.

QA Section 3

Method Blank Report

Client: Cent.Testing Lab
Project Number: Sumter Haz
P.O. Number: N/A
Date Sampled: 9-Feb-99
Lab Numbers: 30697 - 30698

Analyte	Unit	Method	Date	Concentration
Tot_Pet_Hydrocarbons	mg/m3	EPA18	02-10-99	<1
Benzene	mg/m3	EPA18	02-10-99	<0.2
Toluene	mg/m3	EPA18	02-10-99	<0.5
Ethylbenzene	mg/m3	EPA18	02-10-99	<0.5
Xylene	mg/m3	EPA18	02-10-99	<0.5
Total_BTEX	mg/m3	EPA18	02-10-99	<0.5
Methane	mg/m3	EPA18	02-10-99	<0.5
MTBE	mg/m3	EPA18	02-10-99	<0.5

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent.Testing Lab
Project Number: Sumter Haz
P.O. Number: N/A
Date Sampled: 9-Feb-99
Lab Numbers: 30697 - 30698

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Tot_Pet_Hydrocarbons	mg/m3	EPA18	02-10-99	400	371	92.8%	310 - 482
Benzene	mg/m3	EPA18	02-10-99	400	362	90.5%	298 - 490
Toluene	mg/m3	EPA18	02-10-99	400	369	92.3%	306 - 486
Ethylbenzene	mg/m3	EPA18	02-10-99	400	367	91.8%	312 - 488
Xylene	mg/m3	EPA18	02-10-99	1200	1113	92.8%	927 - 1461
Total_BTEX	mg/m3	EPA18	02-10-99	2400	2210	92.1%	1860 - 2907
MTBE	mg/m3	EPA18	02-10-99	400	358	89.5%	298 - 494

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent.Testing Lab
Project Number: Sumter Haz
P.O. Number: N/A
Date Sampled: 9-Feb-99
Lab Numbers: 30697 - 30698

Compound Name	Manfacturer Name	Manfacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Control Mean	Control Std	Lot Mean	Lot Std
			Standard				Lot									
Tot_Pet_Hydrocarbons																
QCCS	Aldrich	05162LG	113	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	8.25	±2.00	0.705	0.086	0.956	0.065
Matrix Spike																
Benzene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	06446BG	111	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
Toluene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	06446BG	111	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
Ethylbenzene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	06446BG	111	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
O-Xylene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	05249HG	124	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
M&P-Xylene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	05249HG	124	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
MTBE																
QCCS	Aldrich	08065KG	115	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Numbers: 30697 - 30698

This form was intentionally left blank.

Jefferson L. Flowers, Ph.D
Jefferson S. Flowers, Ph.D
P O B O X 1 5 0 5 9 7
481 NEWBURYPORT Av.
ALTAMONTE SPRINGS
FLORIDA 32715 - 0597
BUS: (407) 339-5984
FAX: (407) 260-6110

FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client Central Testing Lab
Address 727 S. 14th St.
Leesburg Fl 34748
Phone 352-787-1268

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: 10-day

P.O. Number
Project Name / No. Sumter Hay.
Contact

Sampled By (PRINT): Judi Kelch
Sampler Signature: Judi Kelch
Date Sampled: 2-9-99

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl			ANALYSES REQUEST: Ignitability	Reactivity	Corrosivity	BTEX - TRPH						
1	Eff	9:45	Eff	8185	1	X															
2	Eff	9:45	Eff	↓	1		X														
3	Eff	9:45	Eff	↓	1			X													
4																					
5	A	10:00	air	30697											X						
6	B	10:00	air	30698											X						

<4°C
pH<2

CARRIER	BAILERS	SHIP DATES: OUT / DATE	RETURNED / DATE

SPECIAL INSTRUCTIONS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
			FCL	2/10/99	1020

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY

Water	Flash Point (ignitability)	Cyanide (reactivity)	Hydrogen Sulfide (reactivity)	NACE (corrosivity)
2nd 98	>200	<.0050	4.59 mg/L	<.0010
3rd 98	110 °f	<.0050	6.06 mg/L	<.0010
4th 98	>200	<.0050	<.0050	<.0010
1st 99	>200	<.0050	<.50	<.0010

Air (mg/m3)	Tot. Pet Hydro	Benzene	Toluene	Ethylben zene	Xylene	MTBE	Total BTEX
2nd 98 before scrubber	37.7	<.200	<.500	<.500	<.500	<.500	<.500
2nd 98 after scrubber	9.13	<.200	<.500	<.500	<.500	<.500	<.500
3rd 98 before scrubber	412	<.200	<.500	<.500	<.500	<.500	<.500
3rd 98 after scrubber	113	<.200	<.500	<.500	<.500	<.500	<.500
4th 98 before scrubber	318	<.200	5.75	1.21	5.18	12.1	<.500
4th 98 after scrubber	46	<.200	<.500	<.500	<.500	<.500	<.500
1st 99 before scrubber	420	<.200	2.74	<.500	2.23	4.97	<.500
1st 99 after scrubber	130	<.200	<.500	<.500	<.500	<.500	<.500

SUMTER COUNTY PUBLIC WORKS
319 EAST ANDERSON STREET
BUSHNELL, FL 33513
352/793-0240 352/793-0247 Fax
GARRY BREEDEN Director TOMMY HURST Assistant Director

D.E.P.
MAR 18 1999
Southwest District Tampa

Date: Mach 16, 1999

To: Department of Environmental Protection
Attn: Susan Pelz

From: Denise Reynolds

Subject: Proof of Publication
6220304 SCT
DEP File Number: 126940-006-SC, Sumter County

On March 4, 1999, a copy of 6220304 SCT Public Notice was faxed to your attention to satisfy the seven (7) day proof of publication requirement.

As stated on the fax, I am now forwarding the original proof of publication from the Sumter County Times.

Proof Of Publication

from the
SUMTER COUNTY TIMES
Bushnell, Sumter County, Florida
PUBLISHED WEEKLY

STATE OF FLORIDA
COUNTY OF SUMTER

Before the undersigned authority personally appeared FELICIA H. SATCHELL of the Sumter County Times, a newspaper published weekly on Thursday at Bushnell in Sumter County, Florida, that the attached copy of advertisement being a public notice in the matter of the

PROPOSED AGENCY ACTION ON PERMIT APPLICATION

Court, was published in said newspaper in the issues of

MARCH 4, 1999

Affiant further says that the Sumter County Times is a newspaper published at Bushnell in said Sumter County, Florida, and that the said newspaper has heretofore been continuously published in Sumter County, Florida, each week and has been entered as second class mail matter at the post office in Bushnell in said Sumter County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Felicia H. Satchell

The forgoing instrument was acknowledged before me this 4th day of MAR 19 99

by FELICIA H. SATCHELL

who is personally known to me and who did take an oath.

Jeanette A Schmidt
Notary Public

Jeanette A Schmidt
Notary Public, State of Florida
Commission No. CC 669909
My Commission Exp. 08/16/2001
1-800-3-NOTARY - Fla. Notary Service & Bonding Co.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAR 18 1999
SOUTHWEST DISTRICT
TAMPA

6220304 SCT
PUBLIC NOTICE
State of Florida
Department of Environmental Protection
Notice of Proposed Agency Action on Permit Application

The Department gives notice of its intent to issue a permit to Sumter County Public Works Department, Mr. Garry Breeden, Director, who applied on February 3, 1999, to the Department of Environmental Protection for a permit to construct an expansion (finishing building #2) to a solid waste composting facility, at the Sumter County Solid Waste Management Facility, located 1 mile east of Interstate 75, on County Road 470, north of Bushnell, Sumter County, Florida.

DEP File No. 126940-006-SC, Sumter County

Persons whose substantial interests are affected by the Department's proposed permitting decision 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 Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 323992400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under 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;

(f) A statement of which rules or statutes petitioner contends require 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, Florida Statutes, 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 62-103.155, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Published one (1) time in the Sumter County Times, March 4, 1999.

Sumter County Public Works
319 East Anderson Avenue
Bushnell, FL 33513

352/793-0240 352/793-0247 Fax

GARRY BREEDEN, Director
TOMMY HURST, Assistant Director

FAX MEMORANDUM

Date: March 4, 1999

To: Department of Environmental Protection
Attn: Susan Pelz

Fax No.: (813) 744-6125

From: Denise Reynolds

Re: Notice of Publication for
DEP File Number: 126940-006-SC, Sumter County

Original proof of publication
Will follow as soon as received

6220304 SCT
PUBLIC NOTICE
State of Florida
Department of Environmental Protection
Notice of Proposed Agency Action on Permit Application

The Department gives notice of its intent to issue a permit to Sumter County Public Works Department, Mr. Garry Breeden, Director, who applied on February 3, 1999, to the Department of Environmental Protection for a permit to construct an expansion (finishing building #2) to a solid waste composting facility, at the Sumter County Solid Waste Management Facility, located 1 mile east of Interstate 75, on County Road #70, north of Bushnell, Sumter County, Florida.

DEP File No. 126940-006-SC, Sumter County

Persons whose substantial interests are affected by the Department's proposed permitting decision 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 Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 323992400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

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(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

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The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Published one (1) time in the Sumter County Times March 4, 1999.

Springstead Engineering, inc.
Consulting Engineers — Planners — Surveyors

727 South 14th Street
Leesburg, Florida 34748

Lake (904) 787-1414
Sumter (904) 793-3639
Fax (904) 787-7221

DN

22926
95061

March 4, 1999

Ms. Susan J. Pelz, P.E. 3/4/5
Solid Waste Section
Southwest District
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAR - 8 1999
SOUTHWEST DISTRICT TAMPA

RE: Sumter County Solid Waste Management Facility
Statement of Operational Changes
Permit No. 126941-001-SO
SEI File No. 921100.008

Dear Ms. Pelz:

This letter presents the statement of operational changes as required by Specific Condition 8(b) of the permit for the above referenced facility.

The only changes which have occurred in the operation at the facility have been the use of the direct-feed conveyor which was permitted as a construction change. The details of operation of the conveyor were presented in the construction permit application. No other changes to the operation and maintenance manual or operations plan have occurred.

Please review this information and contact me if you have any questions or comments.

Very truly yours,
Springstead Engineering, inc.

David W. Springstead, P.E.
Florida Registration No. 48229

cc: Garry Breeden - SCPW
Terry Hurst - SCSWMF

DWS/jal
(March 4, 1999 b:operation.chg)

P 053 244 056

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail *(See reverse)*

Sent to Sumter County	
Street & Number Public Works Dept	
Post Office, State, & ZIP Code Mr. Barry Breeden	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 2-18-99	

PS Form **3800**, April 1995

Intent To. Issue #126940-006-SC

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Sumter County Public Works Dept.
Mr. Larry Breeden, Dir.
319 E. Anderson Ave
Bushnell, FL 33513

4a. Article Number

P 053 244 056

4b. Service Type

- ☐ Registered
- ☑ Certified
- ☐ Express Mail
- ☐ Insured
- ☒ Return Receipt for Merchandise
- ☐ COD

7. Date of Delivery

2.19.99

5. Received By: *(Print Name)*

Ronda Chears

6. Signature: *(Addressee or Agent)*

X

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811**, December 1994

Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE

TAMPA, FL 336
PM
19 FEB
1999

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

FEB 22 1999
SOUTHWEST DISTRICT

Attn: Peggy Solid Waste

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 18, 1999

In the matter of an
Application for Permit by:

DEP File No. 126940-006-SC;
Sumter County

Sumter County Public Works Department
Mr. Garry Breeden, Director
319 E. Anderson Ave
Bushnell, Florida 33513

INTENT TO ISSUE

The Department of Environmental Protection hereby gives notice of its Intent to Issue a construction permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Sumter County Public Works Department, Mr. Garry Breeden, Director, applied on February 3, 1999, to the Department of Environmental Protection for a permit to construct an expansion (finishing building #2) to a solid waste composting facility referred to as the Sumter County Solid Waste Management Facility, located on County Road 470, 1 mile east of Interstate 75, north of Bushnell, Sumter County, Florida.

The Department has permitting jurisdiction under 403.707 and 403.861, Florida Statutes, and Rules 62-4, 62-701, and 62-709 Florida Administrative Code (F.A.C.). The project is not exempt

from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

The Department intends to issue this permit based on its belief that reasonable assurances have been provided to indicate that the proposed project will not adversely impact water quality and the proposed project will comply with appropriate provisions of Chapters 62-3, 62-4, 62-330, 62-550, 62-701, and 62-709 F.A.C., subject to the specific conditions attached in the permit.

Pursuant to Section 403.815, Florida Statutes and FDEP Rule 62-110, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on Permit Application. The notice must be published one time only within thirty (30) days of receipt of this intent in the legal ad section of a newspaper of general circulation in the area affected. Proof of publication must be provided to the Department within seven (7) days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless petition for administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, Florida Statutes. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes. 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 filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any other person must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must 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 (or a request for mediation, as discussed below) 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 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must 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 the 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 the petitioner, if any;

(e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement identifying the rules or statutes that 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 that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

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 of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any person may elect to pursue mediation by reaching a mediation agreement with all parties to the proceeding (which include the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General

Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

(a) The names, addresses, and telephone numbers of any persons who may attend the mediation;

(b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;

(c) The agreed allocation of the costs and fees associated with the mediation;

(d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;

(e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;

(f) The name of each party's representative who shall have authority to settle or recommend settlement; and

(g) Either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference.

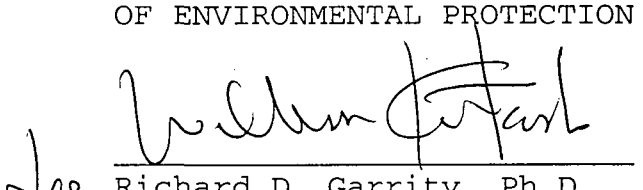
(h) The signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in

settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice of intent. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



for Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

RDG/sjp
Attachment
Copies furnished to:
Elected Officials Notification List
Sumter County Board of County Commissioners
David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Douglas Beason, OGC Tallahassee
Fred Wick, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on FEB. 18, 1999 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Anna Black (Clerk) 2/18/99 (Date)

State of Florida
Department of Environmental Protection
Notice of Proposed Agency Action on Permit Application

The Department gives notice of its intent to issue a permit to Sumter County Public Works Department, Mr. Garry Breeden, Director, who applied on February 3, 1999, to the Department of Environmental Protection for a permit to construct an expansion (finishing building #2) to a solid waste composting facility, at the Sumter County Solid Waste Management Facility, located 1 mile east of Interstate 75, on County Road 470, north of Bushnell, Sumter County, Florida.

Persons whose substantial interests are affected by the Department's proposed permitting decision 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 Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under 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;

(f) A statement of which rules or statutes petitioner contends require 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, Florida Statutes, 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 62-103.155, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE
Sumter County Public Works Dept.
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

DRAFT

PERMIT/CERTIFICATION
GMS ID No: 4060C00092
Permit No: **126940-006-SC**
Date of Issue:
Expiration Date: **06/01/2001**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County
Composting Facility-
Finishing Building

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **construct** an expansion to the existing Composting Facility, referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **construction** of:

1. Composting Facility - Finishing Building #2

Replaces applicable conditions of Permit Number: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and 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 dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

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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 403.861, 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), F.S., 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 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.

GENERAL CONDITIONS: DRAFT

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.

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 Statues after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS: DRAFT

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

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.

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GENERAL CONDITIONS:

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

(a) All reports or information required by the Department shall be certified as being true, accurate and complete.

(b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.

1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.

(d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

GENERAL CONDITIONS: DRAFT

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.

2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.

3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.

2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

SPECIFIC CONDITIONS: DRAFT

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for construction of finishing building #2 and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Application to for a Permit to Construct a Solid Waste Management Facility for the production of Compost, dated January 29, 1999 (received February 3, 1999);

b. Additional information dated February 9, 1999 (received February 10, 1999);

c. Plan Sheets titled, Sumter County Composting, Processing and Recycling Facility- Compost Finishing Building - 2, (7 sheets) dated February 9, 1999 (February 10, 1999);

d. and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**

a. This permit is valid for the construction of the finishing building and related appurtenances. This permit does not authorize the operation of this system. Upon completion of construction of the facility, the permittee shall request a minor modification to the composting site operation permit to allow the operation of this facility. This minor modification request may be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.

b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.

c. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of 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 a substantial modification.

SPECIFIC CONDITIONS: DRAFT

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

5. **Certification of Construction Completeness. No later than thirty (30) days** after the completion of construction, and prior to operation of finishing building, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to:

1) As-built details of the finishing building such as the floor slopes (leachate collection system);

2) Processing equipment installation (if applicable);

3) Piping, electrical, and fire suppression systems;

4) Building eave heights, clearances and floor elevations;

5) Other details as necessary.

c. A final survey shall be provided which demonstrates that the as-built floor elevations, and grades were constructed in accordance with the Department-approved plans.

d. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

6. **Prohibitions.** The prohibitions of Rule 62-701.300, F.A.C., shall not be violated.

7. **Facility Operation Requirements.**

a. Material shall not be processed in the finishing building systems prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

SPECIFIC CONDITIONS:

DRAFT

(Specific Condition #7, cont'd)

b. The finishing building floor shall be sloped to the center as shown on Sheet 3 of 7, Floor Plan. In the event that liquids accumulate on the floor, the liquids shall be removed by the end of the working day. These liquids may be placed back on the compost piles, may be removed for offsite disposal, or may be disposed of in another appropriate manner.

c. Litter shall be collected at least once daily.

d. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

e. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

f. Final screening of compost material shall be conducted inside the main finishing building (#1) or "lean to" portion of finishing building #1.

g. Finished compost materials shall be sampled and analyzed in accordance with 62-709.530, F.A.C. Finished compost for which test results have not been received, shall be stored separate from other materials (e.g. unfinished compost, residuals, etc.) until the test results are received. Finished compost which is classified Type A may be stored outside the building after the test results are received.

h. The outside asphalt pads shall not be used for composting without prior Department approval. The pads may be used for storage of Type A compost.

8. **Operation Plan and Operating Record.** A copy of the Department-approved permit, information listed in Specific Condition #2. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

9. **Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

SPECIFIC CONDITIONS: DRAFT

(Specific Condition #9, cont'd)

b. The owner or operator of the composting facility shall maintain records as required by Operation Permit 126940-001-SO.

10. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

11. **Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building or leachate management system. Floors shall be free of standing liquids.

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system at any time.

12. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

13. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. 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 (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

14. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, the permittee shall **immediately (within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs:

1) Damage to any portion of the site facilities;
2) Failure of any portion of the associated systems;
3) Emergency incidents such as fires or explosions;

SPECIFIC CONDITIONS:

DRAFT

(Specific Condition #14.b.; cont'd)

4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

15. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

16. **Fire Safety.**

a. **Annually,** the permittee shall arrange for a fire safety inspection to be completed **no later than June 15th,** which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities. The report of the Fire Safety Inspection shall be maintained at the facility, and copies provided to the Department upon request.

b. In the event that deficiencies are noted, **within 30 days of completion**, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.

17. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications 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.

18. **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.

19. **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 and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

SPECIFIC CONDITIONS:

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20. **Regulations.** Chapter 62-709, F.A.C. (effective 12-17-96), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

DRAFT

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

ATTACHMENT 1

DRAFT

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration	Permit Renewal Application
5.a., 5.b., 5.c.	Within 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
12.	180 days prior to date of final material acceptance	Closure notification
14.b.	Within 24 hours, Within 7 days, of occurrence	Notification of failure of systems Written notification & description of corrective actions
16.a.	Annually, by June 15th	Fire safety survey/inspection completed
16.b.	Within 30 days of completion	Documentation of approved completion of fire safety corrective actions

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: x RICK GARRITY, **Director of District Management**

FROM/THROUGH:

William Kutash, **ENVIRONMENTAL ADMINISTRATOR**
Robert Butera, P.E. RB 2/17/99, **SUPERVISOR**
Susan Pelz, P.E. SP 2/17/99, **ENGINEER**

DATE: February 17, 1999

FILE NAME: Sumter County Composting **PERMIT #:** 126940-006-SC
PROGRAM : Solid Waste **COUNTY :** Sumter

TYPE OF PERMIT ACTION: X **ISSUE** ___ **DENY** ___ **MODIFY**
___ **TRANSFER OWNER** ___ **NOD**
___ **PUBLIC NOTICE** X **INTENT TO ISSUE**

PUBLIC NOTICE PERIOD CLOSED? _____ **PETITION FILED?** _____

PERMIT SUMMARY: This permit is to construct an expansion (finishing building #2) to solid waste composting facility. The building design is identical to the finishing building which was constructed in 1998 (permit # 126940-002-SC). The modifications to the facility are expected to produce a higher quality of compost, and reduce the potential for discharges of waste or leachate to the environment.

PROFESSIONAL RECOMMENDATION: X **APPROVE** ____ **DENY**

EVALUATION SUMMARY: The applicant has provided sufficient information to demonstrate compliance with Department Rules.

Application received - February 3, 1999.
Application complete - February 10, 1999.
Department processing time - 8 days (to 2-17-99).
Total processing time - 15 days (to 2-17-99).

DAY 90/30 FOR THIS ACTION IS: ASAP.

P.O. Box 1066
Bushnell, Fl 33513
(352) 793-3368
(352) 568- 0166 Fax

Sumter County Solid Waste

2-17-99

Department of Environmental Protection
Attention: Susan J. Pelz, P.E. 2/17
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619-8318

Re: Leachate Impoundment Areas

Dear Ms. Pelz:

As of February 17, 1999 all three leachate ponds have been cleaned and decontaminated, as per Specific Condition 11-C in the Materials Recovery Facility Permit # 126941-001-SO.

Pictures have been taken for documentation purposes.

We are presently taking steps to convert these retention areas into our storm water run-off system.

If you care to inspect them feel free to do so, or if you have any questions, please give me a call.

Sincerely,

Asst. Solid Waste Director

Terry Hurst, Assistant Solid Waste Director

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 2/12/99 Subject Sumter leachate ponds

Time 851A Permit No.

County

M. David Spangstead Telephone No. 352-787-1414

Representing

[ ] Phoned Me [X] Was Called (left his call) [ ] Scheduled Meeting [ ] Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting

Summary of Conversation/Meeting

- Samples from middle pond / NO vol's pesticides PCB's
- * - maybe only did 1° & 2° stds not full drinking water parameters - he will check
  Iron 1.08 (.3) Mn 1.09 (.05) Color 400 TDS 547 (500)
- SC #13.b in LTC permit do these parameters
  939am called again
- if these (#13.b) come out ok we will probably let them discharge within gentr mon system

(continue on another sheet, if necessary)

Signature

Title

PA-01
1/96
pap

BEST AVAILABLE COPY

P.O. Box 1066
Bushnell, Fl 33513
(352) 793-3368
(352) 568- 0166 Fax

Sumter County Solid Waste

2-11-99

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619-8318

Re.: Leachate Impoundment Areas

Dear Ms. Pelz:

This is an update to you on the status of our leachate ponds, in reference to Specific Condition 11-C in the Materials Recovery Facility Permit #126941-001-SO.

The North and South ponds have been cleaned and decontaminated.

Pictures have been taken to document this.

We are in the process of cleaning out the Middle pond now and anticipate finalizing clean out and decontamination by the end of week of February 15, 1999.

If you have any questions, please feel free to call me anytime.

Sincerely,

Terry Hurst, Assistant Solid Waste Director

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

FAX TRANSMITTAL SHEET

FAXED 207p

2/4/99
Date

TO: David Springstead

Phone: 352-787-7414 Fax: 352-787-7221

FROM: Susan Pelz

Phone: (813) 744-6100 ext 386 Fax: (813)744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 3

SUBJECT: Sumter Finishing Bldg #2

If you can provide the 3 items listed in the Attached draft RAI by 2/10/99 I won't send the letter & will consider application to be complete.

Give me a call next week if you have any questions.

Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 E. Anderson Ave.
Bushnell, FL 33513

February 4, 1999

DRAFT

RE: Composting Facility Finishing Building #2
Pending Permit No. 126940-003-SC, Sumter County
6

Dear Mr. Breeden:

This is to acknowledge receipt of your request, prepared by Springstead Engineering, dated January 29, 1999 (received February 3, 1999), to construct Finishing Building #2 expansion to the existing composting and materials recovery facilities at the Sumter County Solid Waste Management Facility.

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

Your application for permit is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

1. **Sheet 2 of 7, Site Plan.** Please specify the date of the contours shown. Please clarify if the proposed asphalt is milled asphalt or finished asphalt pavement.

2. **Sheet 4 of 7, Foundation Plan.** Please provide the grades outside the building.

3. **Sheets 5 and 6 of 7, Elevations.** Please note the finished grade elevations outside the building for the elevation views. Sheet 6 of 7 appears to show the new building joining the existing building. If this is the case, please provide details on the building connections, and the joining of the foundations. If the buildings will not be connected, please explain (and provide details as necessary) how stormwater which enters the area between the buildings, and how spillage from the Scarab's movement between buildings, will be managed.

DRAFT

The following comments are for information only at this time, and do not require an immediate response:

1. Please be advised that the Department does not authorize the construction of the Finishing Building, at this time. If the County elects to begin the construction of the Finishing Building prior to receiving a permit from the Department, the Department may initiate enforcement actions.

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

You are requested to submit **three copies** of your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

DRAFT

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St. Leesburg, FL 34748
Mitch Kessler, TIA, 100212 N. Dale Mabry #223, Tampa, Fl. 33618
Robert Butera, P.E., FDEP-Solid Waste, Tampa

Transmit Confirmation Report

No.	:	010
Receiver	:	813527877221
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Feb 04 99 14:00
Time	:	02'00
Mode	:	Norm
Pages	:	03
Result	:	OK

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

RECEIVED
FEB 03 1999
Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

TO: *Florida Department of Environmental Protection*
3804 Coconut Palm Drive
Tampa, FL 33619

Date: *January 29, 1999* Job No.: *921100.010*

Attention:

RE: *Sumter County Composting Facility Construction Permit*

GENTLEMEN:

WE ARE SENDING YOU xx Enclosed _ under separate cover via_____ the following items:

_ Shop Drawings _ Prints _ Plans _ Samples _ Specifications _ Facsimile

_ Copy of Letter _ Change Order _ _____

Copies	Date	No.	Description
6			*Application for A Permit to Construct A Solid Waste Management Facility for the Production of Compost*
6			*Set of Plans Signed and Sealed by DWS*
1			*Check #089459 in the amount of $100.00 for application fees*

THESE ARE TRANSMITTED as checked below:

_ For Approval _ Approved as submitted _ Approved for payment

_ For your use _ Approved as noted _ Resubmit ___ copies for approval

_ As Requested _ Returned for corrections

_ For Review and Comment _ _____

_ Material and/or prints returned after loan to us

REMARKS

COPY TO:
Sumter County Public Works
Sumter County Solid Waste
Mitch Kessler - TIA
SEI-File

SIGNED:_____
David W. Springstead, P.E.

(See Board Agenda)

SOUTHWEST DISTRICT
FDEP

Solid Waste Program
Permitting Application

New Site

Site Name:	
Site Address:	
County:	
Type/Subcode:	

Existing Site

Site ID:	126940-006	
Project Name:	Sumter Co Finishing Bldg #2	
Type/Subcode:	SC 13	
Fee Submitted:	$100	(X) correct ( ) incorrect small co. fee waiver
Fee Refund $_____	Fee Request $_____	

Related Party

Role:	Applicant
Name:	Barry Breeden
Company:	on file
Street:	
City:	
Zip Code:	
Phone:	

Distribution Date: _____

Fee Checked By: PELZ Date: 2/4/99

BOARD OF COUNTY COMMISSIONERS
SUMTER COUNTY, FLORIDA

PAYABLES
CLEARING ACCOUNT

No.089459

DOCUMENT NUMBER	TYPE	DOCUMENT DATE	PURCHASE ORDER NUMBER	GROSS AMOUNT	DISCOUNT AMOUNT	OTHER CHARGES	NET AMOUNT	COMMENT
'ERMIT...	I	1-13-99		01	100.00			100.00

FEB 03 1999

SW 2/3

* TYPE (I) INVOICE (C) CREDIT MEMO (D) DEBIT MEMO (X) CONTRACT PAYABLE

PLEASE DETACH BEFORE DEPOSITING

63-751
631

PAYABLES
CLEARING ACCOUNT

PAYABLE AT
FIRST UNION NATIONAL BANK
BUSHNELL, FLORIDA

BOARD OF COUNTY COMMISSIONERS
STATE OF FLORIDA
COUNTY OF SUMTER
BUSHNELL, FLORIDA

No.089459

IDENTIFICATION NUMBER	DATE	CHECK NUMBER	NET AMOUNT
N/A	1-14-99	101000-089459	$100.00

PAY TO THE ORDER OF

FLORIDA DEPT OF ENVIRO.
PROTECTION
]

CHAIRMAN

CLERK

APPROVED AND AUTHORIZED IN OPEN SESSION

⑈089459⑈ ⑆063107513⑆363500139999⑈

P. O. Box 1066
Bushnell, Fl 33513
(352) 793-3368
(352) 568-0166 Fax

Sumter County Solid Waste

Dec. 29, 1998

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619-8318

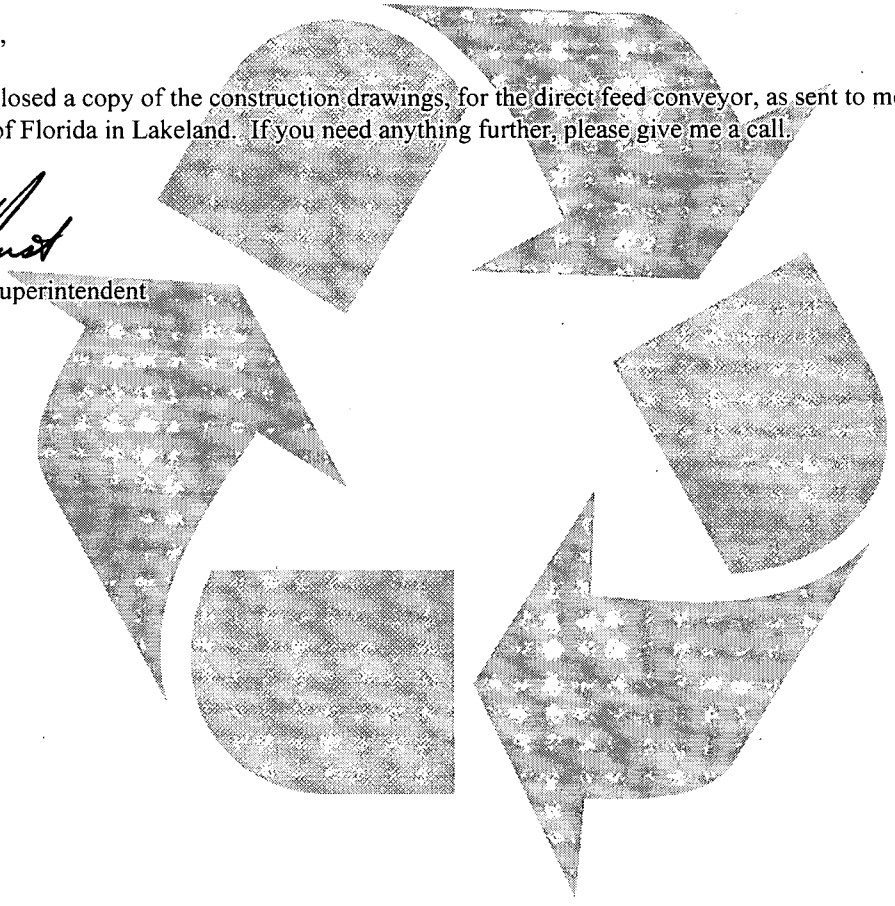
1/19/99

Dear Ms. Pelz,

Please see enclosed a copy of the construction drawings, for the direct feed conveyor, as sent to me from Powerscreen of Florida in Lakeland. If you need anything further, please give me a call.

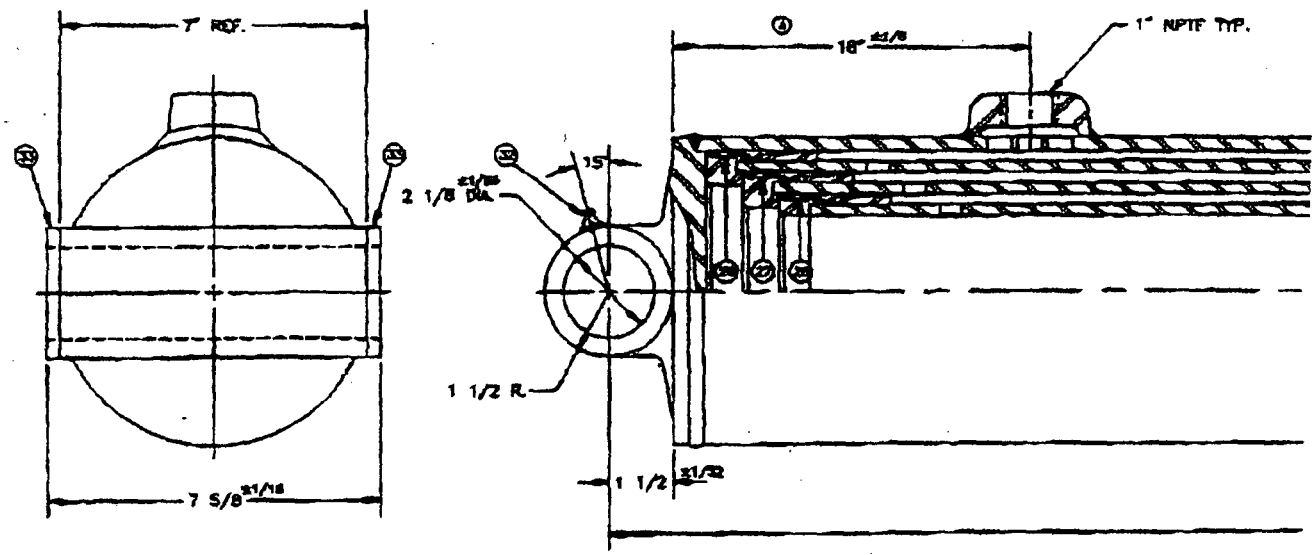
Sincerely,

Terry Hurst
Solid Waste Superintendent



RECEIVED
DEC 30 1998
Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

CYL NO.	A	B	C	ITEM #1 CYL. TUBE ASSY.	ITEM #2 1ST PLUN. ASSY.	ITEM #3 2ND PLUN. ASSY.	ITEM #4 LAST PLUN. ASSY.	GAL. FILL
63-180-52	32 1/2	38	90 1/2	2-CTAS-81-31 5/8	2-PAS-160-31 1/4	2-PAS-160-32 3/8	2LPA4-488-34 1/4	1.9
63-180-68	67	42 3/8	128 3/8	2-CTAS-81-35 5/8	2-PAS-1-35 1/4	2-PAS-1-36 3/8	2-LPA4-2-38 5/8	3.2
63-180-104	103 1/8	47 5/8	150 3/4	2-CTAS-81-41	2-PAS-1-40 5/8	2-PAS-1-41 3/4	2-LPA4-2-43 7/8	3.7
63-180-111S	109 7/8	55	164 7/8	2-CTAS-81-46 1/4	2-PAS-1-47 7/8	2-PAS-1-48	2LPA4-488-51 1/4	4.5
63-180-126	124 7/8	55	179 7/8	2-CTAS-81-46 1/4	2-PAS-1-47 7/8	2-PAS-1-49	2-LPA4-2-51 1/4	4.5
63-180-130	129 3/4	56 3/8	186 1/8	2-CTAS-81-49 7/8	2-PAS-1-49 1/2	2-PAS-1-50 5/8	2-LPA4-2-52 5/8	4.6
63-180-137	136 7/8	58 3/4	195 5/8	2-CTAS-81-52 1/4	2-PAS-1-51 7/8	2-PAS-1-53	2-LPA4-2-55	5.0
63-180-135	135 3/8	58 1/8	193 1/2					
63-180-74	73 1/2	37 1/2	111					
63-180-30	30	23	53					
63-180-86S	86	47 5/8	133 5/8					
63-180-65	64 1/2	34 7/8	98 3/8	2-CTAS-81-28 1/8	2-PAS-1-27 3/4	2-PAS-1-28 7/8	2LPA4-2-31 1/8	2.4
63-180-97	97 1/8	45 3/4	142 7/8					



TEST PER CHTS-2

	DIA.	LG.
CYL. TUBE	7 1/16	8 1/2
1ST PLUN.	6"	8 1/2
2ND PLUN.	5"	4 1/2
LAST PLUN.	4"	3 1/2

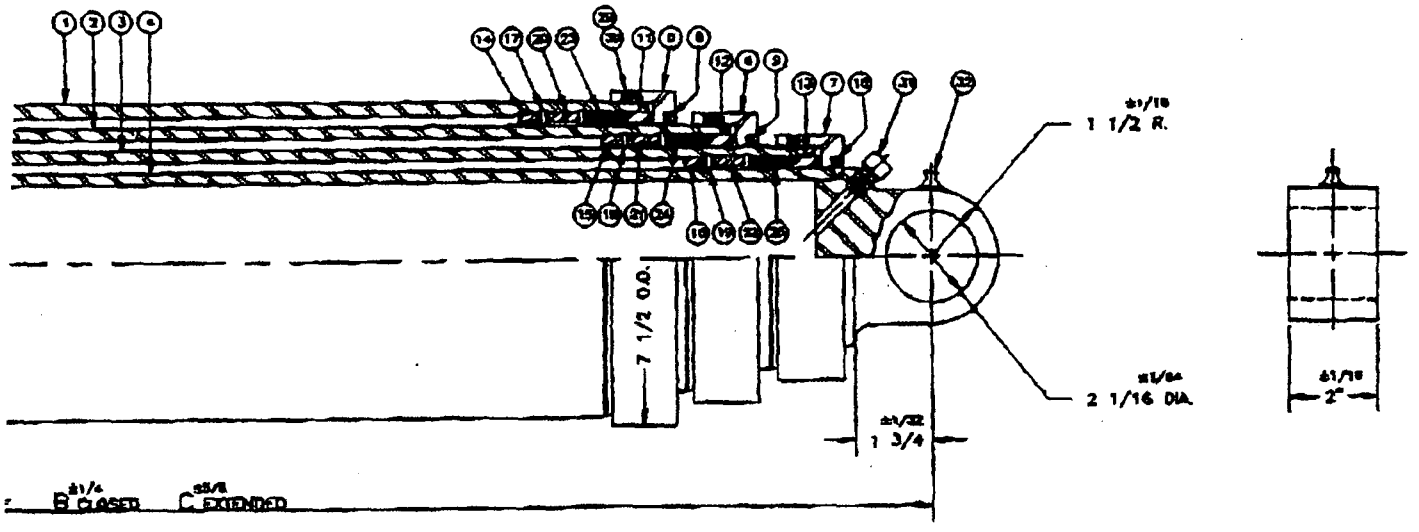
BEFORE JUL 1993 SEE 63-2-

NEW DESIGN 63-580-

SAME W/CHROME 63-203-

ITEM	PART NO.	DESCRIPTION	REQD
5	3-HN-1-7	HEAD NUT	1
6	3-HN-1-6	" "	1
7	3-HN-1-5	" "	1
8	1-WR-1-6	WIPER RING	1
9	1-WR-1-5	" "	1
10	1-WR-1-4	" "	1
11	1-BU-11-6	BUSHING	1
12	1-BU-11-5	"	1
13	1-BU-11-4	"	1
14	2-PS-1-6	PLUNGER STOP	1
15	2-PS-1-5	" "	1
16	2-PS-1-4	" "	1
17	1-RR-1-6 1/2	RETAINER RING	2
18	1-RR-1-5 1/2	" "	2
19	1-RR-1-4 1/2	" "	2
20	2-SP-1-6	SPACER	1
21	2-SP-1-5	"	1
22	2-SP-1-4	"	1
23	1-PK-1-6	PACKING SET	1
24	1-PK-1-5	" "	1
25	1-PK-1-4	" "	1
⑤ 26	2-WG-1-6	WEAR RING	1
④ 27	2-WG-1-5	" "	1
③ 28	2-WG-1-4	" "	1
29	1-SS-3-1	SET SCREW	3
30	1-SL-2-1	SLUG (NYLON)	3
31	1-MBVa-2	BLEEDER SCREW	1
32	1-GF-1-1	GREASE FITTING	2
⑥ 33	1-SP-137-5/16	SPACER	2

SK-63 SEAL KIT
ITEMS: 8,9,10,23,24,25,29,30
MPK-63 MINOR PACKING KIT
ITEMS: 11,12,13,SK-63
MRK-63 MAJOR REPAIR KIT
ITEMS: 14,15,16,17,18,19,20,
21,22,26,27,28,MPK-63



THIS DRAWING IS THE CONFIDENTIAL PROPERTY OF CUSTOM HOISTS, INC. AND CAN NOT BE REPRODUCED, USED, OR MADE KNOWN, DIRECTLY OR INDIRECTLY, BY ANY PARTY IN ANY MANNER WHATSOEVER, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF CUSTOM HOISTS, INC. ANY ACTION BY ANY PARTY CONTRARY THERETO IS SUBJECT TO THE MAXIMUM PENALTY UNDER LAW.

SYM	REVISION	DATE	BY
C			
B			
A			

TITLE: SINGLE ACTING TELESCOPIC CYLINDER

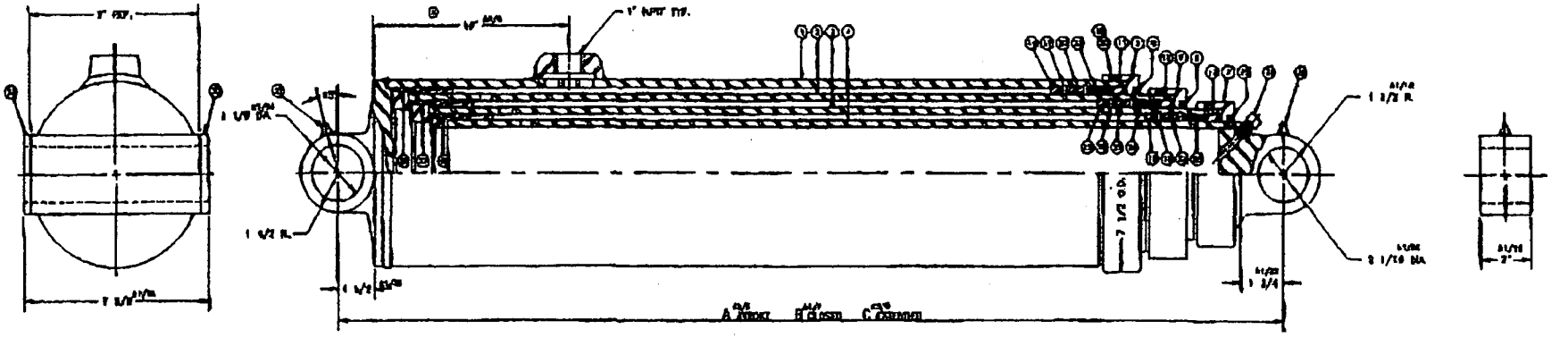
CUSTOM HOISTS INC.

DRN: MAH	MAX. OPERATING PRESSURE: 2000 PSI	DWG. NO.: 63-180-
DATE: 7-15-93	STATIC TEST PRESSURE: 2500 PSI	REV. NO.:

CYL NO.	A	B	C	ITEM #1 CYL. TUBE ASSY.	ITEM #2 1ST PLUN. ASSY.	ITEM #3 2ND PLUN. ASSY.	ITEM #4 LAST PLUN. ASSY.	CYL. OF CYL. RTL.	CYL. OF CYL. EXT.	
63-1253-63	33 1/2	38	98 1/2	1-CTAB-01-31 3/8	2-PAB-180-31 1/4	2-PAB-180-38 3/8	2LPM-180-34 1/4	1.8	4.8	
63-1256-66	67	67 3/8	167 1/2	1-CTAB-01-35 5/8	2-PAB-1-20 1/4	2-PAB-1-14 3/8	2-LPM-2-20 3/8	3.1	7.2	
63-1260-104	103 1/8	67 3/8	184 3/4	1-CTAB-63-41	2-PAB-1-20 3/8	1-PAB-1-41 3/4	2-LPM-2-43 1/8	3.1	8.8	
63-1260-1119	109 7/8	65	181 7/8	1-CTAB-01-10 1/4	2-PAB-1-42 7/8	2-PAB-1-40	2LPM-180-61 1/4	4.3	6.2	
63-1260-129	144 7/8	65	179 7/8	1-CTAB-01-10 1/4	2-PAB-1-42 7/8	2-PAB-1-40	2-LPM-2-61 1/4	4.3	12.8	
63-1262-136	135 3/4	38 3/8	188 1/8	1-CTAB-01-10 7/8	2-PAB-1-20 1/2	1-PAB-1-20 3/8	2-LPM-2-62 7/8	4.9	11.7	
63-1262-137	136 7/8	38 3/4	189 5/8	1-CTAB-01-52 1/4	2-PAB-1-61 7/8	1-PAB-1-43	2-LPM-2-20	8.0	17.6	
63-1265-139	135 5/8	38 5/8	192 3/4							
63-1270-74	73 1/2	37 5/8	191							
63-1260-38	38	65	83							
63-1260-DWG	88	67 3/8	183 3/8							
63-1260-65	64 1/2	34 7/8	99 3/8	1-CTAB-01-38 1/8	2-PAB-1-29 3/4	1-PAB-1-28 7/8	2LPM-2-31 1/8	2.4	5.7	
63-1269-371	369 1/8	45 3/4	143 5/8							

ITEM	PART NO.	DESCRIPTION	QUAN.	
5	2-181-1-7	HEAD ROD	1	
6	2-181-1-6	" "	1	
7	2-181-1-5	" "	1	
8	1-181-1-8	PISTON ROD	1	
9	1-181-1-9	" "	1	
10	1-181-1-10	" "	1	
11	1-BU-11-6	BUSHING	1	
12	1-BU-11-7	"	1	
13	1-BU-11-8	"	1	
14	2-PI-1-5	PLUNGER STOP	1	
15	2-PI-1-3	" "	1	
16	2-PI-1-4	" "	1	
17	1-RB-1-6 1/2	RETAINER RING	2	
18	1-RB-1-5 1/2	" "	2	
19	1-RB-1-8 1/2	" "	2	
20	2-SP-1-8	SPACER	1	
21	2-SP-1-6	"	1	
22	2-SP-1-4	"	1	
23	1-PA-1-8	PACKING SET	1	
24	1-PA-1-5	" "	1	
25	1-PA-1-4	" "	1	
26	2-WR-1-4	WEAR RING	1	
27	2-WR-1-5	" "	1	
28	2-WR-1-4	" "	1	
29	1-SS-2-1	SET SCREW	1	
30	1-SL-2-1	SEAL (NYLON)	1	
31	1-VENT-2	BLEEDER SCREW	1	
32	1-CF-1-1	GREASE FITTING	2	
33	1-SP-1.37-3/16	SPACER	2	

SN-63 SEAL KIT
TRUNN: 8,9,10,23,24,25,31,10
WPR-63 WIPER PACKING KIT
PCKG: 6,12,13,20-63
WAR-63 WEAR REPAIR KIT
PCKG: 14,15,16,17,18,19,28, 29,30,32,37,38 WPR-63



	DIA.	LG.
CYL. TUBE	7 5/16	5 5/8
1ST PLUN.	6"	5 1/2
2ND PLUN.	5"	5 1/2
LAST PLUN.	3"	3 1/8

TEST PSI 2475-2

ITEM DESIGN 63-1260-

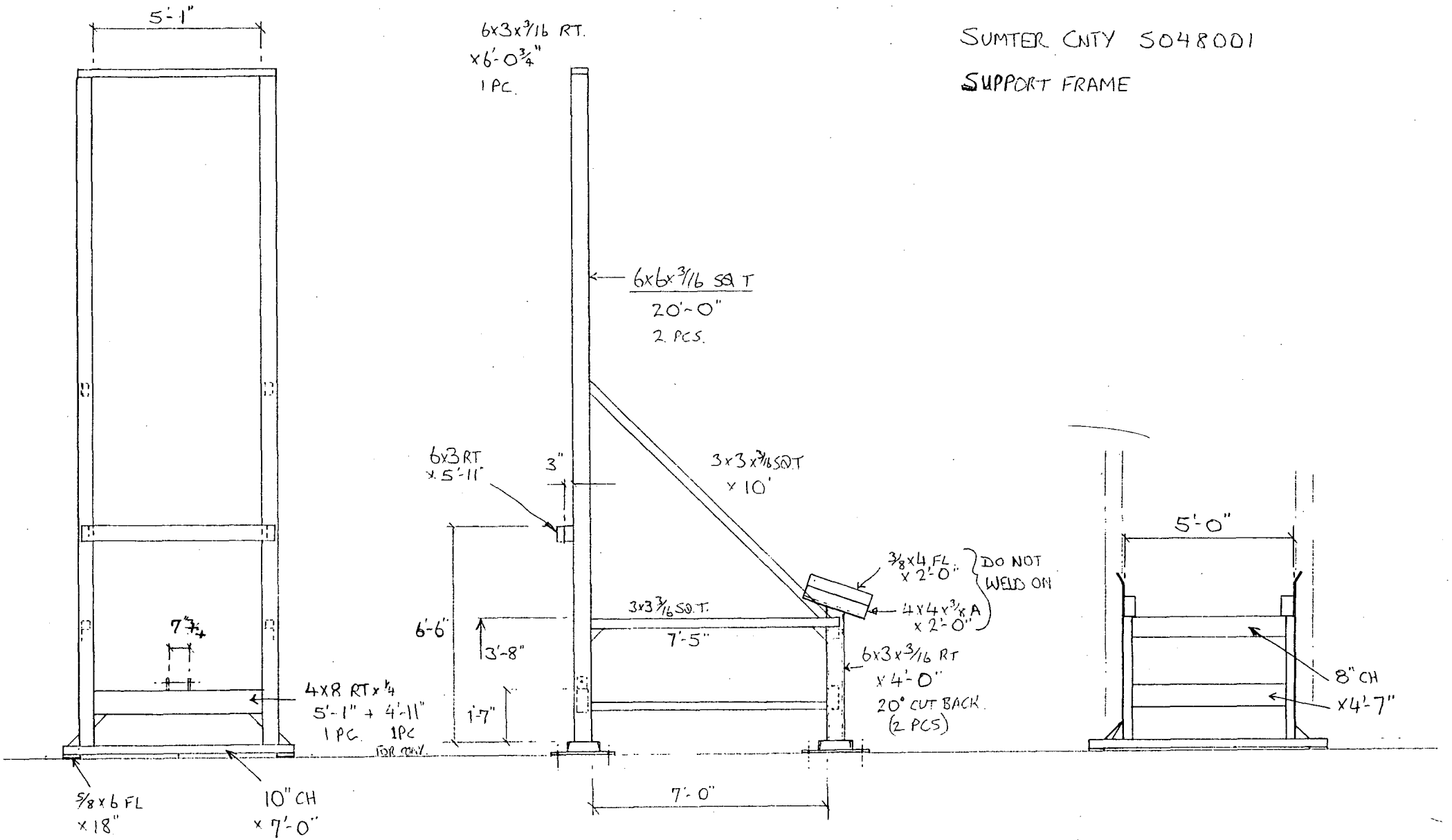
BASIC W/OPTIONS 63-1260-

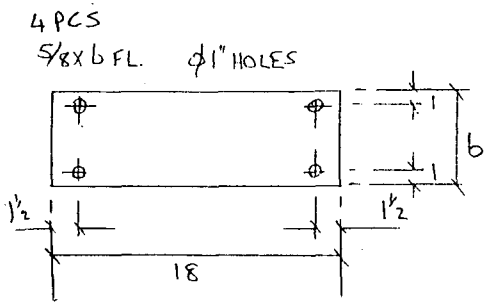
BEFORE AA, 1963 SEE 63-1-

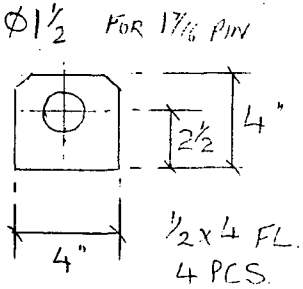
THIS DRAWING IS THE CONFIDENTIAL PROPERTY OF CUSTOM HOISTS INC. AND CAN NOT BE REPRODUCED, USED, OR MADE KNOWN, DIRECTLY OR INDIRECTLY, TO ANY PARTY IN ANY MANNER WHATSOEVER, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF CUSTOM HOISTS INC. ANY ACTION BY ANY PARTY CONTRARY THEREOF IS SUBJECT TO THE MAXIMUM PENALTY UNDER LAW.

SUMTER CNTY 5048001

SUPPORT FRAME



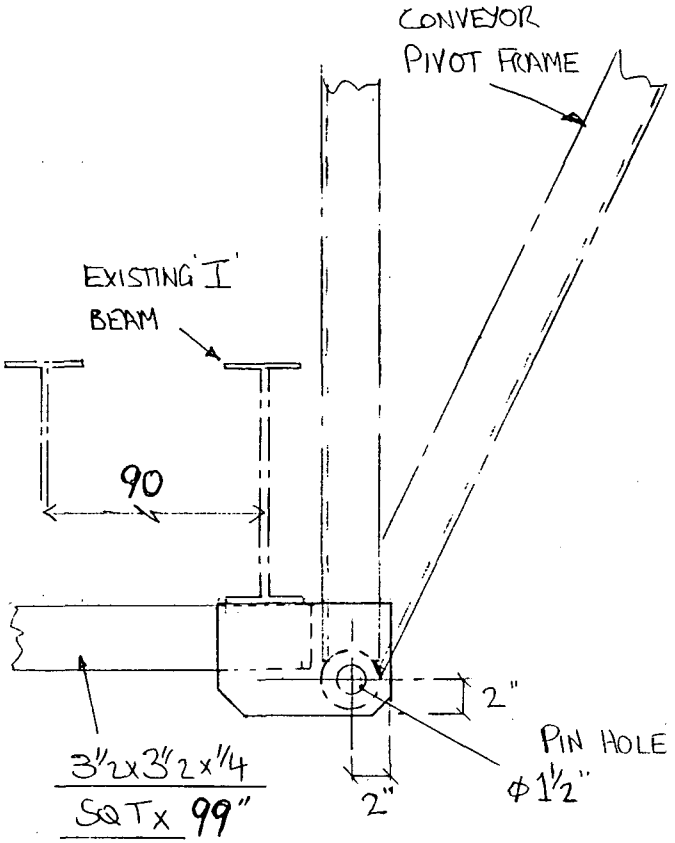




SUMTER GTY 5048001

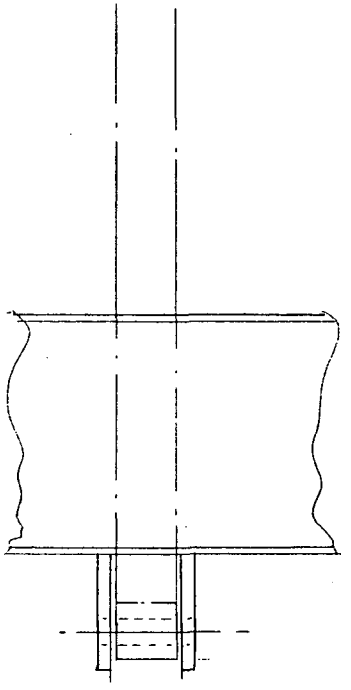
BYPASS - INFEED CONV.

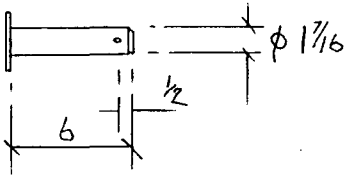
8-98.



3½x3½x¼
SQ TX 99"
2 PCS

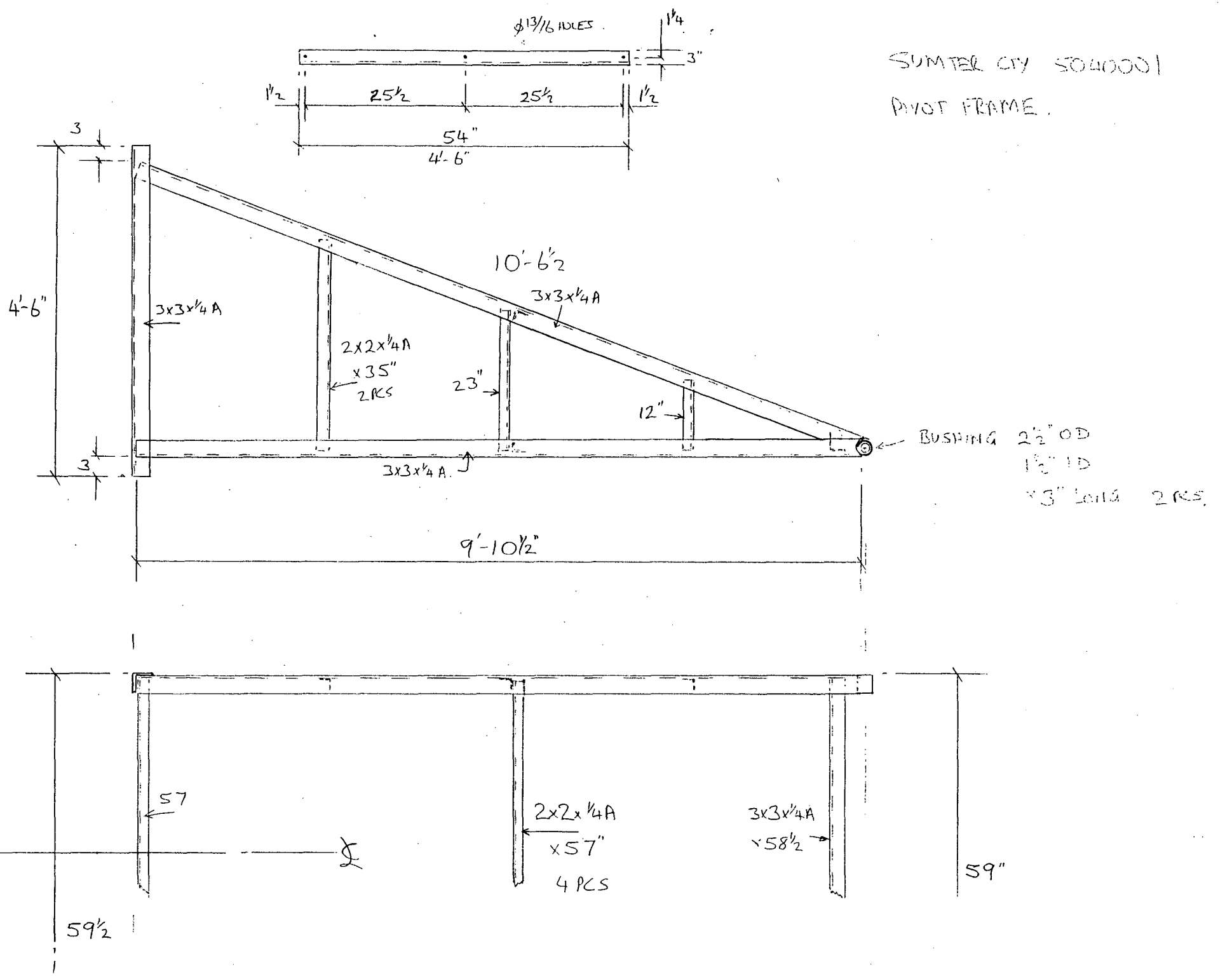
5/8" x 6" FL x 9"
4 PCS.



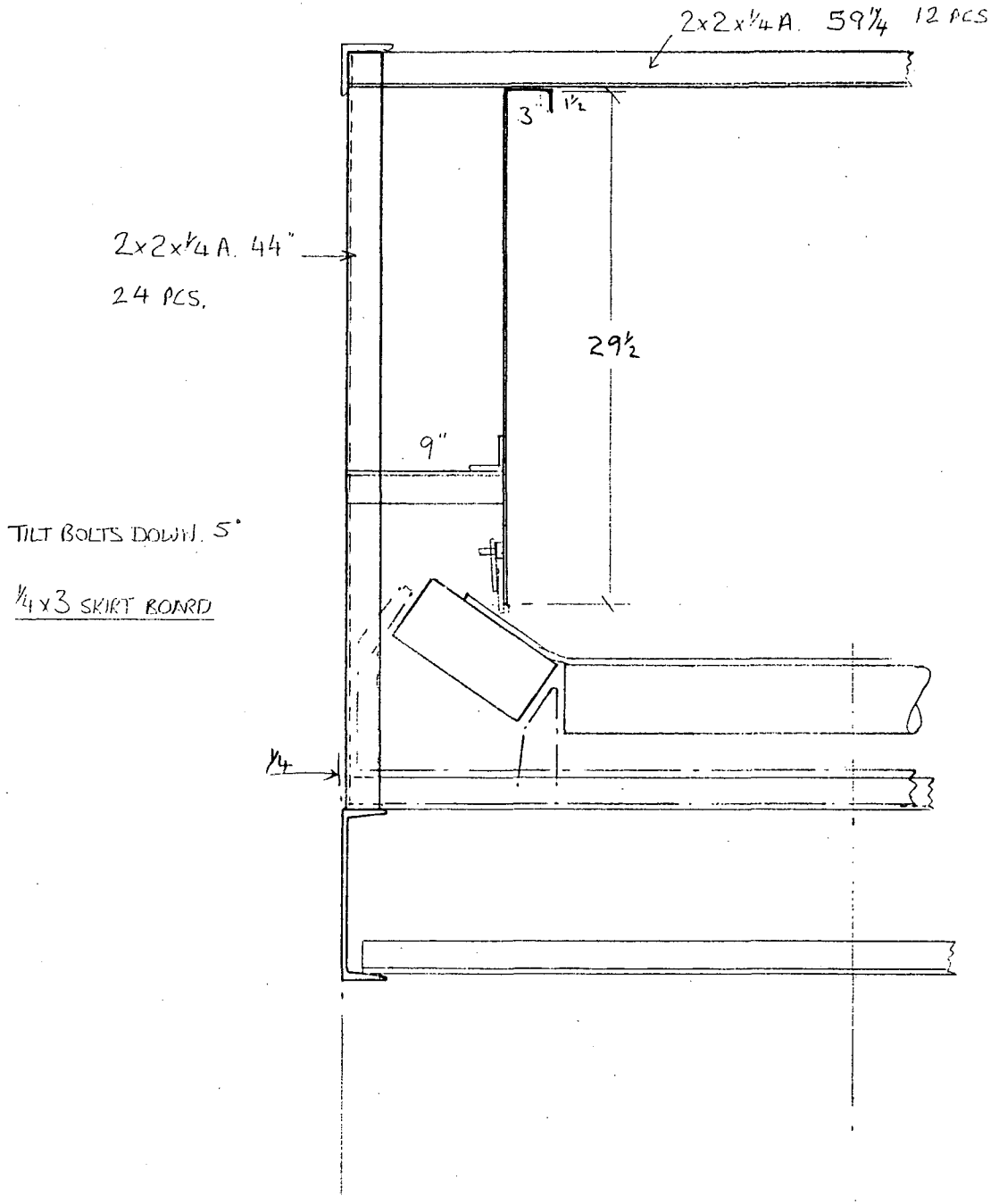


SUMTER CTY SO40001

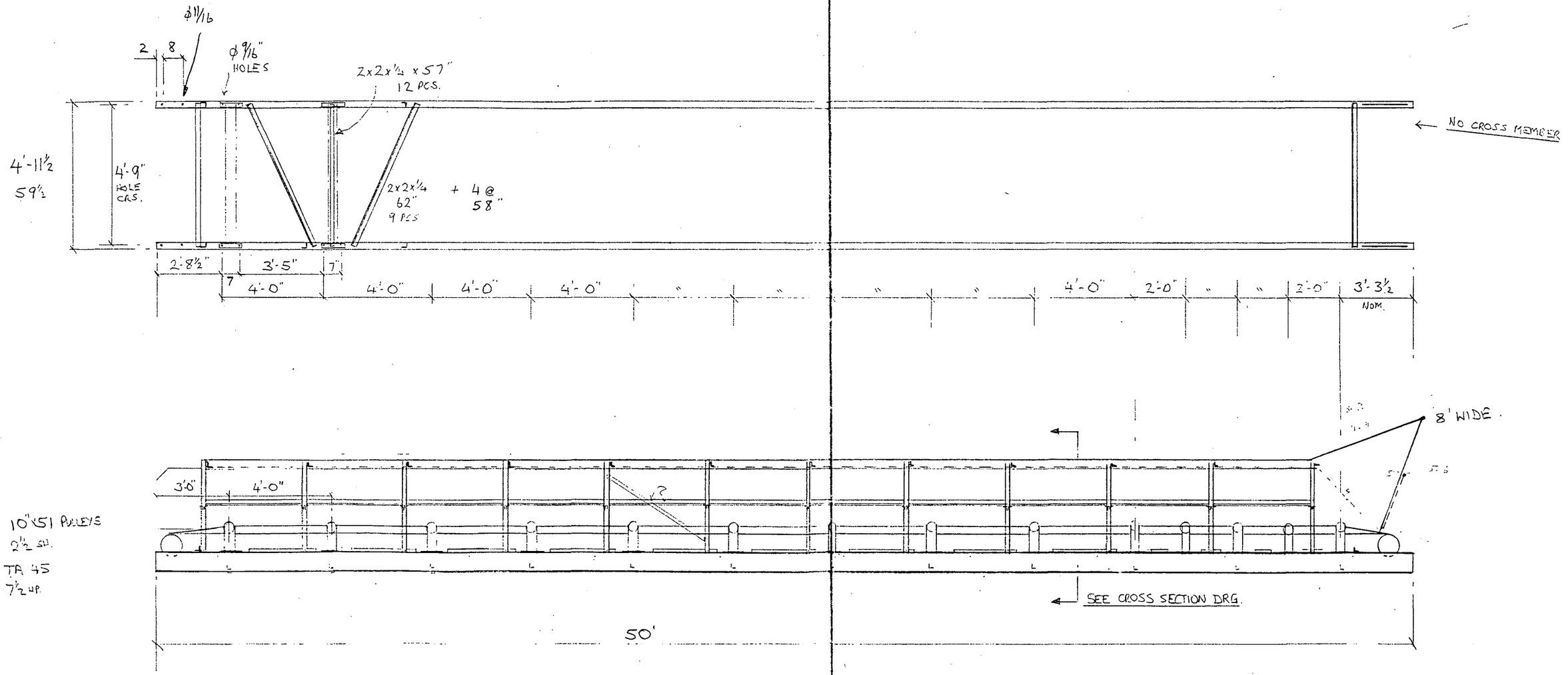
PIVOT FRAME.

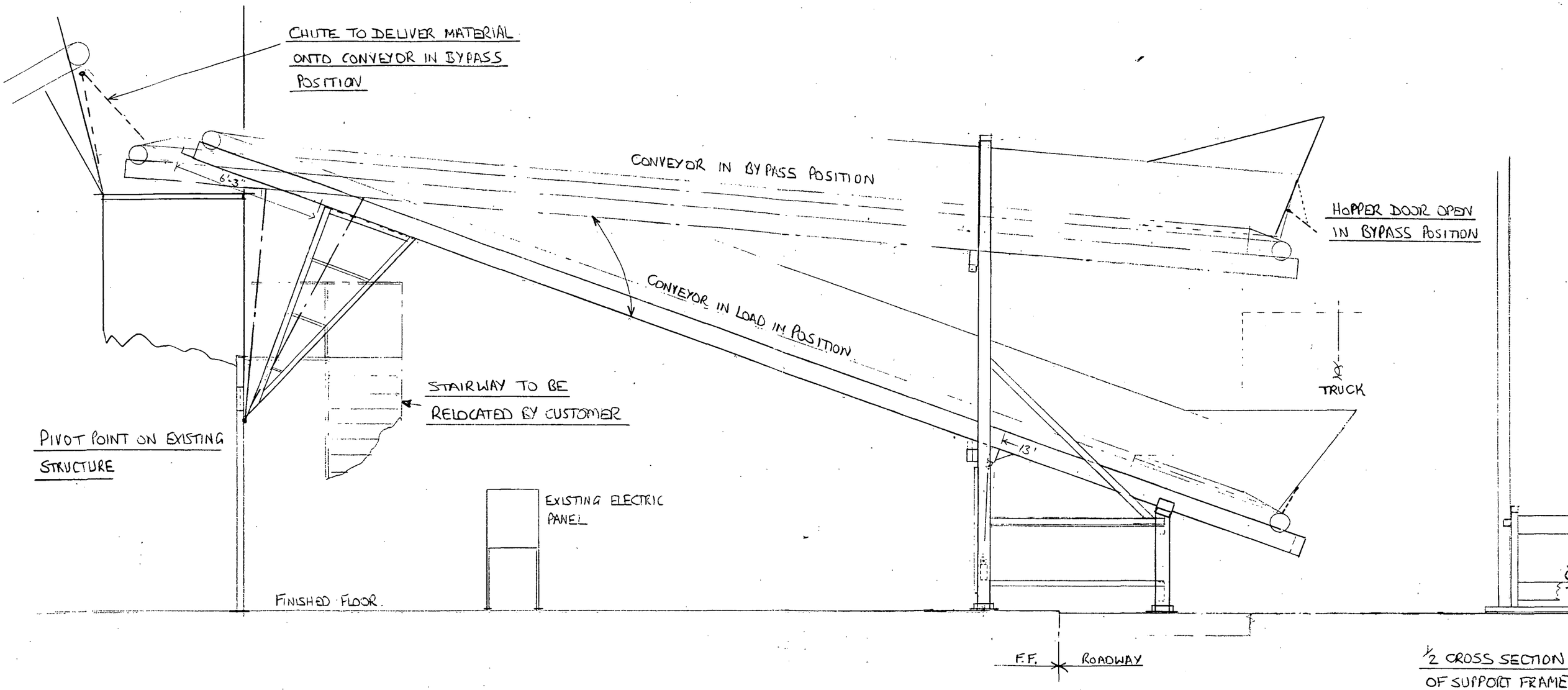


SUMTER BYPASS / LONDING COMM.
5048001
CROSS SECTION



SUMTER BYPASS / LOADING CONV.
5048001.





½ CROSS SECTION OF SUPPORT FRAME

CONVEYOR SPECS: LENGTH 50'
BELT WIDTH 48"
FRAME WIDTH 60"
MAIN FRAME 10" CH.
HOIST FRAME 4"x 4" A 2x2 BRACES
DRIVE 7½ HP ELECTRIC REVERSABLE · WIRING + CONTROLS BY CUSTOMER.

PRELIM PRICE AS SPECIFIED ABOVE - $42,000-00
+ 5000-00 ADD SPECS AS PER LETTERS 6-9 - 6-11-98

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Garry Breeden, Director
Sumter County Public Works Dept.
319 E. Anderson Ave.
Bushnell, Fl. 33513

December 21, 1998

RE: Sumter County Digester Building Modification
Permit No.: 126940-001-SO, Sumter County
Certification of Construction Completion-Completeness Inspection

Dear Mr. Breeden:

On December 21, 1998, an inspection of the above-referenced facility relative to construction completion and adherence to the permit issued by the Florida Department of Environmental Protection (FDEP) was made by Terry Hurst(Sumter County), David Springstead (Springstead Engineering), and Susan Pelz (FDEP).

Certification of Construction Completion dated December 3, 1998 (received December 7, 1998), and Record Drawings Sheets 1 through 4 of 4 (received December 7, 1998), have been received by the Department. Based on the information submitted, and the site inspection, the Department approves operations of the above referenced facility in accordance with Operations Permit No. **126940-001-SO**. Please provide a legible copy of the new conveyor fabrication drawings as soon as possible for Department files.

Sincerely,

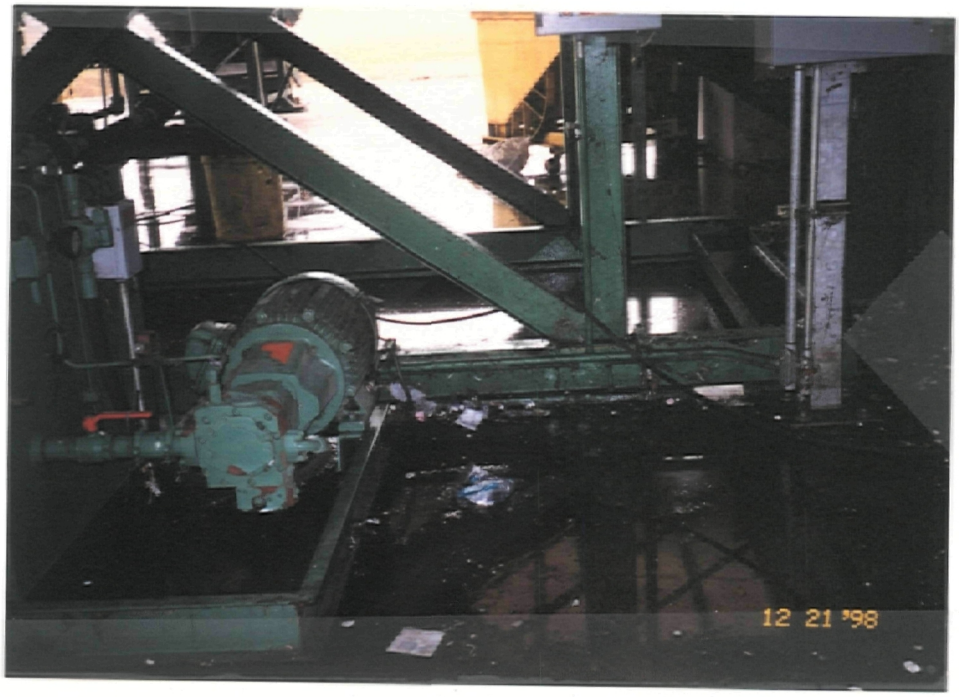
Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Robert Butera, P.E., FDEP Tampa

Sumter SJP

Sumter SJP

sumter SJP



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

SITE INSPECTION REPORT

OWNER/OPERATOR: Sumter County Public Works Dept.
MAILING ADDRESS: 319 E. Anderson Ave.
Bushnell, Fl. 33513

NAME OF SITE: Sumter Co. Solid Waste Composting Facility
SITE ADDRESS: 835 County Road 529
CITY: Sumterville, Fl. 33585

INSPECTION DATE: December 21, 1998
PERMIT NO: 129640-001-SO

REASON FOR VISIT:

- COMPLIANCE INSPECTION _____.
- PERMITTING INSPECTION __X__.
- COMPLAINT INVESTIGATION _____.

PERSONS PRESENT:
Susan Pelz (FDEP); Terry Hurst (Sumter Co.); David Springstead (Springstead Engineering)

SUMMARY REPORT:

The purpose of this inspection was to verify certification of the construction of the extension to the digester feed building and direct feed conveyor system as required by Specific Condition #5 of the above referenced permit. The conveyor system and building extension construction appears to be substantially complete. During the inspection, the digester feed building was being cleaned (pressure washed). The floor is relatively flat, but the liquids generally flowed toward the sump and lift station in the building. Although, in some cases, the liquids were directed to the sump by personnel with brooms, it did not appear that leachate would discharge outside of the building.

After observation of the new conveyor system and building extension, we walked over to the finishing building. A noticeable quantity of litter was observed between the digester feed building and the finishing building. I requested that the operator ensure that this litter was cleaned up. In the event that litter continues to be a problem in this area, litter screen may be required around the finishing building. Three windrows were observed in the finishing building. After residence of approximately 21 days in the finishing building, the material is screened and tested. Material which meets Type "A" is then moved to the outside pads for final curing (up to 90 days). A substantial quantity of finished compost was observed on the outside pads.

During my visit, we discussed the decommissioning of the leachate ponds (which is, to date, not compete). After some discussion, it was agreed that the County would:

1. Pump the liquids (and sludge) from the middle and south ponds into the north pond. Then they will steam clean the liners and remove any residues from the middle and south ponds. They will call us to inspect and approve the cleaning. The liquids and sludge in the north pond may be pumped into a sludge tanker and stored onsite (within or near the digester feed area) for an unspecified time to allow the liquids/sludge to be used in the digester. Then the north pond liner will be steam cleaned and the Department will be notified.

2. Alternatively, the County may sample the liquids in the middle and south ponds for primary and secondary drinking water standards. If the liquids meet groundwater standards, they may discharge the liquids into one of the onsite stormwater ponds. If the liquids do not meet groundwater standards, the County will follow the procedures outlined in #1, above. In either case, the sludge must be removed and the liners steam cleaned.

In either case, the liquids and sludge must be removed for disposal at a permitted facility, or be used in the digester. The leachate pond decontamination activities must be completed no later than **February 28, 1999**. The Department requested that a bi-weekly progress report be submitted concerning the leachate pond decontamination activities.

FDEP REPRESENTATIVE: _____ 12/21/98
Susan J. Pelz, P.E. Solid Waste Section Date Mailed to Facility

cc: David Springstead, P.E., 727 S. 14th St., Leesburg, Fl. 34748
Robert Butera, FDEP Tampa
Steve Morgan, FDEP Tampa

Sumter Co

12/21/98

- can put liquids & sludge from middle & south ponds into north
- steam clean middle & south (then call us – we will verify & those two ponds will be ok for stormwater)
- piping from old MRF –
  - Never connected to ponds
  - has been isolated
- north pond –
  - try to get sludge truck (6000 gal) to store it in & use as makeup water for digester
- end of February to have all complete

- can sample liquids – if it meets gwtr stds can discharge to stormwater & let it perc
  - if they chose this option, must notify us & send us analyses prior to discharge
- still need to clean sludge & steam clean liner

legible copy of conveyor drw

- pick up litter
- keep digester feed area clean.

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

RECEIVED
DEC 07 1998
DEP

TO: *Department of Environmental Protection*
3804 Coconut Palm Drive
Tampa, FL 33619

Date: *December 3, 1998* Job No.: *921100.009*

Attention: *Ms. Susan Pelz, P.E.*

RE: *Sumter County MRF Modification*

GENTLEMEN:

WE ARE SENDING YOU _ Enclosed _ under separate cover via_____ the following items:

_ Shop Drawings _ Prints _ Plans _ Samples _ Specifications _ Facsimile

_ Copy of Letter _ Change Order _ _____

Copies	Date	No.	Description
1			*Sumter County Solid Waste Management Facility MRF Modification Permit No. 126940-001-SO* *Certification of Construction Completion of a Solid Waste Management Facility Application (signed & sealed by DWS 12/3/98)*
1			*Set of Plans Sheets 1-4 of 4 (Signed & Sealed by DWS 12/3/98)* *Sheet 1 - Site Plan* *Sheet 2 - Materials Recovery Facility Building Foundation Plan* *Sheet 3 - Floor Plan for Addition to Materials Recovery Facility* *Sheet 4 - Building Dimensions*

THESE ARE TRANSMITTED as checked below:

_ For Approval _ Approved as submitted _ Approved for payment

_ For your use _ Approved as noted _ Resubmit ___ copies for approval

_ As Requested _ Returned for corrections

_ For Review and Comment _ _____

_ Material and/or prints returned after loan to us

REMARKS

COPY TO: *Garry Breeden*
TIA

SIGNED: _____
David W. Springstead, P.E.

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

DEP Form # 62-701.900(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994

DEP Application No. _____ (Filled by DEP)

RECEIVED
DEC 07 1998
FDEP

Certification of Construction Completion of a Solid Waste Management Facility

Mod 126940-005-SO to
DEP Construction Permit No: 126940-001-SO County: Sumter

Name of Project: Sumter County Solid Waste Management Facility MRF Modification

Name of Owner: Sumter County Board of County Commissioners

Name of Engineer: Springstead Engineering, Inc.

Type of Project: Construction of an additional bay on the south end of the MRF Building and addition of a direct infeed conveyor into the digester.

Cost: Estimate $ 101,200 Actual $ 101,200

Site Design: Quantity: 100 ton/day Site Acreage: 120 Acres

Deviations from Plans and Application Approved by DEP: None

Address and Telephone No. of Site: 835 CR 529, Lake Panasoffkee, Florida
(352) 793-3368

Name(s) of Site Supervisor: Terry Hurst

Date Site inspection is requested: As soon as possible(9AM on 12/21/98 per telephone call)

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

Mod 126940-005-SO to
Permit No.: 126940-001-SO Dated: October 22, 1998

Date: December 3, 1998

12/3/98
Signature of Professional Engineer
David W. Springstead, P.E. Fl Reg 48229

DAVID W. SPRINGSTEAD, P.E. CERTIFICATE NO. 48229 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

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

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

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

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

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

22926

Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to: Leesburg

December 1, 1998

RECEIVED
DEC 04 1998
DEP

Ms. Susan Pelz, P.E.
Department of Environmental Protection
3804 Coconut Plam Drive
Tampa, FL 33619

RE: Scrubber & Biofilter Test Results
Sumter County Solid Waste Management Facility
Fourth Quarter 1998

Dear Ms. Pelz:

Central Testing Laboratory (CTL) has completed the fourth quarter air and scrubber water analysis as required by Specific Conditions No. 10D of the composting permit. The air was sampled prior to entering the scrubber, before, and at the outlet of the biofilter, after. The air samples were tested for BTEX and TRPH. The scrubber water was tested for characteristics of hazardous waste.

If you should need additional information or have questions concerning the report, please feel free to contact our office.

Very Truly Yours,
Central Testing Laboratory

Judi M. Kelch
Environmental Technician

David W. Springstead, P.E.
Fl. Registration No.: 48229

Attachments
cc: Garry Breeden
Terry Hurst
Mitch Kessler

P.O. Box 883
Floral City, FL 34436
(352) 726-6447

727 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186

Member of the Society For Testing And Materials

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Nov19 1998
Project Number : Sumter Co
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: reactivity FP NACE
Date Sampled:Oct30 1998 Date Received:Nov 2 1998 Lab Number : 8625

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	8625 EFF
Flash_Point	oF	75.0			>200.
Cyanide	mg/L	.00500	90.0	.010	<.0050
Hydrogen Sulfide	mg/L	0.500			<0.500
NACE	mm/yr	.00100			<.0010

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
This Report may not be reproduced in part, results relate only to items tested.

Jefferson S. Flowers, Ph.d.
President/Technical Director

Section 1 of 5 Page 1 of 1

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

1199

FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

Parameter	Symbol	Unit	EFF 8625										QA Method	QA MDL	Section %RSD	Section %Rec	Analys	Date
Flash_Point	*	oF	0J										EPA1010	75		100	DRP	11-03-98
Cyanide	*	mg/L	<0.005U										EPA335.2	0.005	0.0180403	90.023833	DRP	11-10-98
Hydrogen Sulfide	*	mg/L	<0.5U										EPA376.1	0.5			TRB	11-04-98
NACE Corrosivity	*	mm/yr	<0.001U										-	0.001			DPL	11-09-98

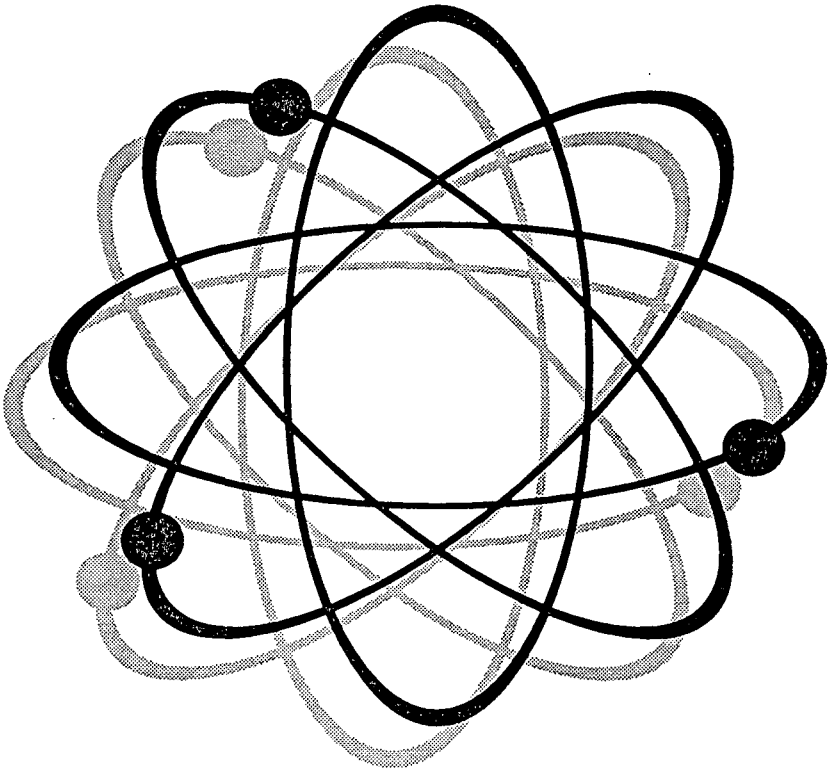
Date Received: 11-02-98 Typed: 11-19-98 Sent: 11-19-98

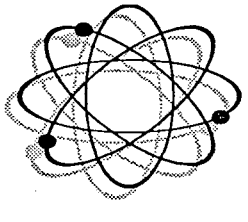
Project Number	Sumter Co		
PO Number	N/A		
Date Sampled	1	10-30-98	*
Date Analyzed	0		
Compacted			
Format	NormRR		
Unit Cost	Exted		
reactivity	7500	1	*
FP	4500	1	*
NACE	3000	1	*

Quality Assurance Report

Prepared for: Cent.Testing Lab
Project Number: Sumter Co
Lab Numbers: 8625 - 8625

Report date: 19-Nov-98





FLOWERS
CHEMICAL
LABORATORIES

FLOWERS CHEMICAL LABORATORIES, INC.

QA Conformance Summary

Client:	Cent.Testing Lab
Project Number:	Sumter Co
P.O. Number:	N/A
Date Sampled:	30-Oct-98
Lab Numbers:	8625 - 8625

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter

Surrogate Compound Recoveries:

The requested analytes did not require surrogates.

Accuracy / Precision:

The recovery limits were met for all compounds in the matrix spike as shown in section 2.
The recovery limits were met for all compounds in the matrix spike duplicate as shown in section 2.
The RSD was met for all compounds as shown in section 2.

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

QCCS Check Sample:

The control limits were met for all compounds as shown in section 4.

Standards Traceability:

The t-test limits were met for all calibration standards as shown in section 5.
The t-test limits were met for all QCCS standards as shown in section 5.
The t-test limits were met for all matrix spike standards as shown in section 5.
There was 1 standard blank.
The t-test limits were met for all surrogate spike standards as shown in section 5.

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Cent.Testing Lab
Project Number: Sumter Co
P.O. Number: N/A
Date Sampled: 30-Oct-98
Lab Numbers: 8625 - 8625

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Cyanide	mg/L	EPA335.2	11-10-98	0.1	0.005	0.095	90.0%	0.093	88.1%	0.062 - 0.143	0.001	0 - 0.024

FLOWERS CHEMICAL LABORATORIES,INC.

QA Section 3

Method Blank Report

Client: Cent.Testing Lab
Project Number: Sumter Co
P.O. Number: N/A
Date Sampled: 30-Oct-98
Lab Numbers: 8625 - 8625

Analyte	Unit	Method	Date	Concentration
Flash_Point	oF	EPA1010	11-03-98	<75
Cyanide	mg/L	EPA335.2	11-10-98	<0.005
Hydrogen Sulfide	mg/L	EPA376.1	11-04-98	<0.5

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent.Testing Lab
Project Number: Sumter Co
P.O. Number: N/A
Date Sampled: 30-Oct-98
Lab Numbers: 8625 - 8625

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Flash_Point	oF	EPA1010	11-03-98	77.0	77.0	100%	66.5 - 88.2
Cyanide	mg/L	EPA335.2	11-10-98	0.050	0.053	107%	0.036 - 0.062

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent.Testing Lab
Project Number: Sumter Co
P.O. Number: N/A
Date Sampled: 30-Oct-98
Lab Numbers: 8625 - 8625

Compound Name	Manfacturer Name	Manfacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Cyanide																
QCCS	EMS	34341536	442	FG	03-12-96	03-12-97	440	FG	03-13-96	03-13-97	-0.691	±2.08	1.63	2.45	0.838	0.061
Matrix Spike	Baker	3080-01	44	TDB	04-07-95	05-01-97	384	TDB	12-14-95	01-14-96	-0.691	±2.08	1.60	2.39		
EPA335.2 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	01-01-97	14	JSF	01-01-95	01-01-97						

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Number: 8625

Lab # 8625

Container 232566 Plastic Bottle 1 L:

Shpped to custome:Check-in Station Fri, 10/16/98 03:25PM

Container 232567 Glass 1 L:

Shpped to custome:Check-in Station Fri, 10/16/98 03:25PM

Container 232568 Plastic Bottle 1 L:

Shpped to custome:Check-in Station Fri, 10/16/98 03:25PM

Stainls Stl 4 Shl:Dobrosav R. Pani·Tue, 11/10/98 08:42AM

Jefferson L. Flowers, Ph.D
Jefferson S. Flowers, Ph.D
P O BOX 150597
481 NEWBURYPORT Av.
ALTAMONTE SPRINGS
FLORIDA 32715 - 0597
BUS: (407) 339-5984
FAX: (407) 260-6110

FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client: Central Testing Lab
Address: 727 S. 14th St.
Leesburg FL 34748
Phone: 352-787-1268

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: 10 day

P.O. Number
Project Name / No.: Sumter Co.
Contact

Sampled By (PRINT): Judi Kelch
Sampler Signature: Judi Kelch
Date Sampled: 10-30-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl	Zn(Ac) NaOH	NaOH	ANALYSES REQUEST: ignitability	Reactivity	corrosivity	BTEX TPH	pH >10
1	EFF1	10:45	EFF	8625	3	1				1	1					
2																
3	Before	11:00	Air	30487	1											
4	After	11:15	Air	30488	1											
5																
6																

CARRIER	BAILERS	SHIP DATES: OUT / DATE	SHIP DATES: RETURNED / DATE

SPECIAL INSTRUCTIONS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
			HC	11/2/98	0927

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

FLOWERS

CHEMICAL LABORATORIES INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Nov 9 1998
Project Number : Sumter Co.
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: BTEX TRPH
Date Sampled:Oct30 1998 Date Received:Nov 2 1998 Lab Numbers: 30487-30488

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	30487 BEFORE	30488 AFTER
Tot_Pet_Hydrocarbons	mg/m3	1.00			318.	46.0
Benzene	mg/m3	0.200			<0.200	<0.200
Toluene	mg/m3	0.500			5.75	<0.500
Ethylbenzene	mg/m3	0.500			1.21	<0.500
Xylene	mg/m3	0.500			5.18	<0.500
Total_BTEX	mg/m3	0.500			12.1	<0.500
Methane	mg/m3	0.500			-	-
Methyl-tert-butyleth	mg/m3	0.500			<0.500	<0.500
Carbon_Dioxide	mg/m3	0.500			-	-

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
This Report may not be reproduced in part, results relate only to items tested.

Jefferson S. Flowers, Ph.d.
President/Technical Director

Serving Your Analytical and Environmental Needs Since 1957

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

1199

FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

Parameter	Symbol	Unit	before	after									QA Method	QA MDL	Section %RSD	Section %Rec	Analyst	Date
			30487	30488														
Tot_Pet_Hydrocarbons	*	mg/m3	318V	46V									EPA18	1			DO	11-02-98
Benzene	*	mg/m3	<0.2U	<0.2U									EPA18	0.2			DO	11-02-98
Toluene	*	mg/m3	5.75J	<0.5U									EPA18	0.5			DO	11-02-98
Ethylbenzene	*	mg/m3	1.21J	<0.5U									EPA18	0.5			DO	11-02-98
Xylene	*	mg/m3	5.18J	<0.5U									EPA18	0.5			DO	11-02-98
Total_BTEX	*	mg/m3	12.1J	<0.5U									EPA18	0.5			DO	11-02-98
Methane	*	mg/m3	-	-									EPA18	0.5			DO	11-02-98
MTBE	*	mg/m3	<0.5U	<0.5U									EPA18	0.5			DO	11-02-98
CO2	*	mg/m3											EPA18	0.5				

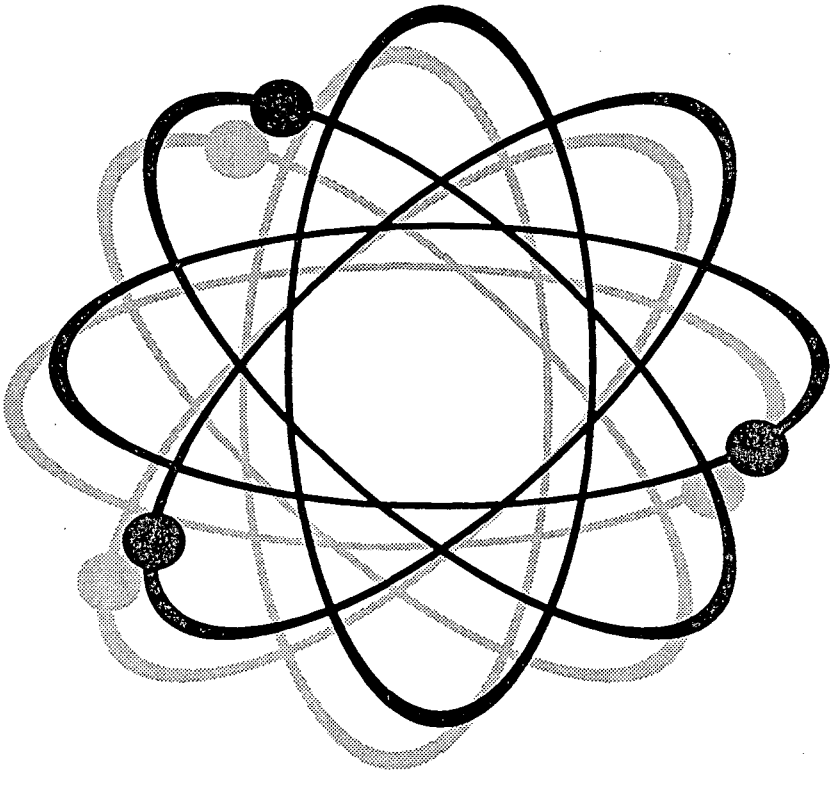
Date Received: 11-02-98 Typed: 11-09-98 Sent: 11-09-98

Project Number	Sumter Co.	
PO Number	N/A	
Date Sampled	1	10-30-98 *
Date Analyzed	0	
Compacted		
Format	NormRR	
Unit Cost	Exted	
1 Day EPA18	12500	2 *

Quality Assurance Report

Prepared for: Cent.Testing Lab
Project Number: Sumter Co.
Lab Numbers: 30487 - 30488

Report date: 9-Nov-98



FLOWERS
CHEMICAL
LABORATORIES

FLOWERS CHEMICAL LABORATORIES,INC.

QA Conformance Summary

Client:	Cent.Testing Lab
Project Number:	Sumter Co.
P.O. Number:	N/A
Date Sampled:	30-Oct-98
Lab Numbers:	30487 - 30488

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter

The requested analytes did not require surrogates.

Accuracy / Precision:

Method Blanks:

1 target compound was found in the method blank in excess of the method limit as shown in section 3. This represents a 87.5% success rate.

QCCS Check Sample:

The control limits were met for all compounds as shown in section 4.

Standards Traceability:

The t-test limits were met for all calibration standards as shown in section 5.
The t-test limits were met for all QCCS standards as shown in section 5.
The t-test limits were met for all matrix spike standards as shown in section 5.

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Cent.Testing Lab
Project Number: Sumter Co.
P.O. Number: N/A
Date Sampled: 30-Oct-98
Lab Numbers: 30487 - 30488

Analyte	Unit	Method	Date	Concentration
Tot_Pet_Hydrocarbons	mg/m3	EPA18	11-02-98	28.2
Benzene	mg/m3	EPA18	11-02-98	<0.2
Toluene	mg/m3	EPA18	11-02-98	<0.5
Ethylbenzene	mg/m3	EPA18	11-02-98	<0.5
Xylene	mg/m3	EPA18	11-02-98	<0.5
Total_BTEX	mg/m3	EPA18	11-02-98	<0.5
Methane	mg/m3	EPA18	11-02-98	<0.5
MTBE	mg/m3	EPA18	11-02-98	<0.5

FLOWERS CHEMICAL LABORATORIES,INC.

QA Section 4

QCCS Sample Recovery

Client: Cent.Testing Lab
Project Number: Sumter Co.
P.O. Number: N/A
Date Sampled: 30-Oct-98
Lab Numbers: 30487 - 30488

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Tot_Pet_Hydrocarbons	mg/m3	EPA18	11-02-98	400	385	96.3%	317 - 478
Benzene	mg/m3	EPA18	11-02-98	400	377	94.3%	308 - 486
Toluene	mg/m3	EPA18	11-02-98	400	376	94.0%	312 - 479
Ethylbenzene	mg/m3	EPA18	11-02-98	400	378	94.5%	316 - 479
Xylene	mg/m3	EPA18	11-02-98	1200	1118	93.2%	944 - 1428
Total_BTEX	mg/m3	EPA18	11-02-98	2400	2248	93.7%	1906 - 2846
MTBE	mg/m3	EPA18	11-02-98	400	392	98.0%	306 - 484

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent.Testing Lab
Project Number: Sumter Co.
P.O. Number: N/A
Date Sampled: 30-Oct-98
Lab Numbers: 30487 - 30488

Compound Name	Manfacturer Name	Manfacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Tot_Pet_Hydrocarbons																
QCCS	Aldrich	05162LG	113	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	5.84	>1.68	0.976	0.052	1.03	0.022
Matrix Spike																
Benzene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	06446BG	111	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
Toluene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	06446BG	111	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
Ethylbenzene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	06446BG	111	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
O-Xylene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	05249HG	124	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
M&P-Xylene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	937	DO	09-30-98	09-30-99			0.991	0.043	0.950	0.163
QCCS	Aldrich	05249HG	124	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																
MTBE																
QCCS	Aldrich	08065KG	115	DO	01-05-95	01-05-99	938	DO	09-30-98	09-30-99	6.54	>1.68	1.02	0.059	0.999	0.023
Matrix Spike																

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Numbers: 30487 - 30488

This form was intentionally left blank.

Jefferson L. Flowers, Ph.D
Jefferson S. Flowers, Ph.D
P O B O X 1 5 0 5 9 7
481 NEWBURYPORT Av.
ALTAMONTE SPRINGS
FLORIDA 32715 - 0597
BUS: (407) 339-5984
FAX: (407) 260-6110

CHEMICAL LABORATORIES INCORPORATED

Jefferson ... D.
Jefferson ... D.
481 N... URYPOR
P.O. BO... 150-59
ALTAMONTE SPRING
FLORIDA 32715-059
BUS: (407) 339-598...
FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client: Central Testing Lab
Address: 727 S. 14th St.
Leesburg FL 34748
Phone: 352-787-1268

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: 10 day

P.O. Number
Project Name / No.: Sumter Co.
Contact

pled By (PRINT): Judi Kelch
Sampler Signature
Date Sampled: 10-30-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl	$Zn(OAc)_2$ NaOH	NaOH	ANALYSES REQUEST: ignitability / Reactivity / corrosivity / BTEX TPH / pH>10
1	EFF1	10:45	Eff	8625	3	1				1	1	
2												
3	Before	11:00	Air	30487	1							
4	After	11:15	Air	30488	1							
5												
6												

CARRIER	BAILERS	SHIP DATES: OUT / DATE	SHIP DATES: RETURNED / DATE	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SPECIAL INSTRUCTIONS

11/2/98

SHIP WITH SAMPLES TO BE RETURNED WITH RESULTS

BEST AVAILABLE COPY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DISTRICT ROUTING SLIP

To: FRANCINE JOYAL MS 4565 DATE: 10/27/98

CC To:

	PENSACOLA	**NORTHWEST DISTRICT**	
	Panama City	Northwest District Branch Office	
	Tallahassee	Northwest District Branch Office	
	Sopchoppy	Northwest District Satellite Office	
	TAMPA	**SOUTHWEST DISTRICT**	
	Punta Gorda	Southwest District Branch Office	
	Bartow	Southwest District Satellite Office	
	ORLANDO	**CENTRAL DISTRICT**	
	Melbourne	Central District Satellite Office	
	JACKSONVILLE	**NORTHEAST DISTRICT**	
	Gainesville	Northeast District Branch Office	
	FORT MYERS	**SOUTH DISTRICT**	
	Marathon	South District Branch Office	
	WEST PALM BEACH	**SOUTHEAST DISTRICT**	
	Port St Lucie	Southeast District Branch Office	

☐ Reply Optional Date Due _____ ☐ Reply Required Date Due: _____ ☐ Info Only

Comments:
Sumter Co minor mod 126940-005-50
1 spiral bound document
1 set plans (4 sheets)

From: SUSAN PELZ Tel.: 813-744-6100x386

08-18-93

ection

Virginia B. Wetherell
Secretary

22, 1998

isting Operation

940-005 issued
Statutes. The
odification number

E OF MODIFICATION

mit documentation
include requested
ification

tification of digester
lding expansion & by-
s system

ification of use of
pass system

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

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: x RICK GARRITY, **Director of District Management**

FROM/THROUGH:

William Kutash — **ENVIRONMENTAL ADMINISTRATOR**
Robert Butera, P.E. — **SUPERVISOR**
Susan Pelz, P.E. — **ENGINEER**

DATE: October 21, 1998

FILE NAME: Sumter County Composting
PROGRAM : Solid Waste

Mod #126940-005-SO to
PERMIT #:126940-001-SO
COUNTY : Sumter

TYPE OF PERMIT ACTION: X **ISSUE** ___DENY X **MODIFY**
___TRANSFER OWNER ___NOD
___PUBLIC NOTICE __INTENT TO ISSUE

PUBLIC NOTICE PERIOD CLOSED? _____ **PETITION FILED?** _____

PERMIT SUMMARY: This modification is to construct site improvements, including an extension of the digester building and digester by-pass system. The by-pass system consists of two additional conveyors which lead to a direct truck loadout within the digester building. All areas are within the leachate collection system. The by-pass system will be used when the digester is down for repair or maintenance. By-pass waste will be processed through the MRF, and then will be discharged directly into trucks for removal off-site for disposal (Lake Co.).

PROFESSIONAL RECOMMENDATION: X **APPROVE** ____ **DENY**

EVALUATION SUMMARY: The applicant has provided sufficient information to demonstrate compliance with Department Rules.

Application received - July 28, 1998.
Application complete - September 8, 1998.
Department processing time - 74 days (to 10-21-98).
Total processing time - 86 days (to 10-21-98).

DAY 90/30 FOR THIS ACTION IS: **ASAP** **by 10-30-98**

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

October 22, 1998

NOTICE OF PERMIT

Sumter County Public Works Department
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

RE: Modification number 126940-005-SO to existing Operation Permit No. **126940-001-SO**, Sumter County
Sumter County Composting

Dear Mr. Breeden:

Attached is modified permit number **126940-001-SO**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number 126940-005-SO:

SPECIFIC CONDITIONS	FROM	TO	TYPE OF MODIFICATION
#2.t.	N/A	New	Permit documentation to include requested modification
#5.	Existing	Amended	Certification of digester building expansion & by-pass system
#16.d.	N/A	New	Notification of use of by-pass system

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

Permit No- 126940-001-SO

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Sumter County Public Works Dept.
Mr. Barry Breeden, Dir
319 E. Anderson Ave.
Bushnell, FL 33513

4a. Article Number

Hand Delivery

4b. Service Type

☐ Registered ☐ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

10-23-98

5. Received By: *(Print Name)*

Terry Hurst

6. Signature *(Addressee or Agent)*

X Terry Hurst

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811,** December 1994

Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

A person whose substantial interests are affected by this modification of 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, 2600 Blair Stone Road, Tallahassee, 32399-2400, 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;

(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.

This modified 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 Rule 62-103.070, 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, 2600 Blair Stone Road, Tallahassee, 32399-2400; 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.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

RDG/sjp
Attachment

Copies furnished to:
Sumter County Board of County Commissioners
David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Douglas Beason, OGC Tallahassee
Francine Joyal, FDEP Tallahassee
Fred Wick, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa
Danielle Nichols, FDEP Tampa (Permit Notebook)

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 Oct 22, 1998 (date stamp) to the listed persons.

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.

Anna Blank Oct 22, 1998
Clerk Date

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE
Sumter County Public Works Dept.
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

PERMIT/CERTIFICATION
GMS ID No: 4060C00092
Permit No: **126940-001-SO**
Date of Issue: 05/29/1998
Expiration Date: **05/01/2003**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County
Composting Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **operate** a solid waste Composting Facility (approximately 100 tons per day), referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **operation** of:

1. Composting Facility

Replaces Permit Numbers: SO60-211179, SC60-298996, 126940-002-SC
Includes previous modifications dated 6-18-98.

This permit contains compliance items summarized in **Attachment 1** that shall be complied with and 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 dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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 403.861, 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), F.S., 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 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.

GENERAL CONDITIONS:

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.

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 Statues after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

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

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.

GENERAL CONDITIONS:

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

(a) All reports or information required by the Department shall be certified as being true, accurate and complete.

(b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.

1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.

(d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

GENERAL CONDITIONS:

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.

2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.

3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.

2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for **operation** of the composting facility (finishing building and digester) and related facilities in accordance with the reports, plans and other information, submitted by **Springstead Engineering, Inc.,** as follows:

a. Request for Additional Information Composting Facility Expansion- Digester, dated February 17, 1997 (received February 18, 1997);

b. Bedminster Digester System Operation and Maintenance Manual, dated January 13, 1997 (received February 24, 1997);

c. Plan Sheets titled, Sumter County Solid Waste Management Facility MSW Compost Digester, signed and sealed December 24, 1996, including the following revised sheets:

1) Sheet 5 of 5 received February 18, 1997;
2) Sheet SUM EL01 received February 18, 1997;

d. Request for Additional Information Composting Facility Expansion- Digester, dated April 14, 1997(including drawings which have not been subsequently revised);

e. Additional information dated May 6, 1997 (received May 7, 1997);

f. Record Drawings Sheets 1, 2, 3, 4, and 5 of 5, received August 14, 1997;

g. Certification of Construction Completion dated October 29, 1997 (received October 30, 1997) including Record Drawings received October 30, 1997:

1) Digester Location Plan, Sheet 2 of 6
2) SUM-EL01 Digester Plan and Elevation
3) SUM-BF01 Biofilter General Arrangement, and
4) SUM-BF02 Biofilter Plan and Sections;

SPECIFIC CONDITIONS:

(Specific Condition #2., cont'd)

h. Application to Renew Operating Permits for Sumter County Recycling, Processing and Composting Facility, dated August 1, 1997 (received August 4, 1997);

i. Request for Additional Information, Composting Facility Operation Renewal/Expansion,... dated October 1, 1997 (received October 2, 1997);

j. Contract Documents for the Construction of the Sumter County Finishing Building, dated September 11, 1997 (received October 27, 1997);

k. Request for Additional Information Composting Facility Expansion..., dated October 24, 1997 (received October 27, 1997);

l. Sumter County Solid Waste Facility Operations Manual, dated December 1997 (received January 9, 1998);

m. Request for Additional Information, Composting Facility Operation Renewal,... dated January 9, 1998 (received January 9, 1998);

n. Additional information (concerning financial assurance) dated March 5, 1998 (received March 6, 1998);

o. Plan Sheets titled, Sumter County Composting, Processing and Recycling Facility- Compost Finishing Building, (7 sheets) dated August 29, 1997 (received September 3, 1997), including the following revised sheets dated October 24, 1997 (received October 27, 1997):

1) Sheet 3 of 7, Floor Plan,
2) Sheet 4 of 7, Foundation Plan,
3) Sheet 5 of 7, Elevations,
4) Sheet 6 of 7, Elevations, and
5) Sheet 7 of 7, Electrical Plan;

p. Sheet 2 of 3, "Site Plan," dated October 24, 1997 (received October 27, 1997);

SPECIFIC CONDITIONS:

(Specific Condition #2., cont'd)

q. Plan Sheets signed and sealed August 4, 1997 (received August 4, 1997) as follows:

1) Sheet 1 of 1, "Overall Site Plan," dated August 4, 1997;
2) Record Drawing, Sheet 2 of 5, "Proposed Materials Recovery Building Floor Plan," dated August 4, 1997;
3) Sheet 3 of 5, "Composting Site Plan;"
4) Sheet 4 of 5, "Zoning Map;"
5) Aerial Photograph dated 2-1-97.

r. In accordance with all applicable requirements of Department rules, and

s. Information dated June 11, 1998 concerning reporting dates.
New 6-18-98.

t. Modification of Permit and Operation Sumter County Composting Facility, dated July 24, 1998 (received July 28, 1998); and Additional Information dated September 4, 1998 (received September 9, 1998) concerning the building modifications.
New OCT 22, 1998 .

3. **Permit Modifications.**

a. This permit is valid for the operation of the finishing building, digester and related appurtenances (e.g. biofilter and scrubber).

b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.

c. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. 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 a substantial modification.

SPECIFIC CONDITIONS:

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

5. **Certification of Construction Completeness. No later than thirty (30) days** after the completion of construction, and prior to operation of finishing building, and the digester system building extension and digester by-pass system, the following activities shall be completed:
Amended OCT. 22, 1998.

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to:

1) As-built details of the finishing building such as the floor slopes (leachate collection system);
2) Processing equipment installation (if applicable);
3) Piping, electrical, and fire suppression systems;
4) Building eave heights, clearances and floor elevations;
5) Other details as necessary.

c. A final survey shall be provided which demonstrates that the as-built floor elevations, grades and wall heights were constructed in accordance with the Department-approved plans.

d. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

6. **Prohibitions.** The prohibitions of 62-701.300, F.A.C., shall not be violated.

7. **Facility Operation Requirements.**

a. Material shall not be processed in the finishing building systems prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

SPECIFIC CONDITIONS:

(Specific Condition #7., cont'd)

b. The permittee shall operate this facility in accordance with Chapter 62-709, F.A.C.; the information and drawings as listed in Specific Condition #2 above; and any other applicable requirements.

c. Waste or leachate shall not be stored in the "lined emergency storage cell."

d. The finishing building floor shall be sloped to the center as shown on Sheet 3 of 7, Floor Plan, dated October 24, 1997. In the event that liquids accumulate on the floor, the liquids shall be removed by the end of the working day. These liquids may be placed back on the compost piles, may be removed for offsite disposal, or may be disposed of in another appropriate manner.

e. Litter shall be collected at least once daily.

f. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall be removed to an appropriate off-site disposal facility.

g. In order to minimize the potential for explosions and fires, explosive items (e.g. fireworks, ammunition, some aerosol cans) shall be removed from the waste stream prior to processing in the digester unit.

h. All processed and unprocessed waste materials and compost additives shall be unloaded inside the building or into trucks or containers on paved areas. Spillage inside the building from the loading, unloading or sampling activities may be cleaned up at the end of each business day. Spillage in the digester discharge area shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations).

i. Leakage of fuels, oil, grease, other lubricants or fluids, from the digester equipment which is discharged to soils outside the building, or leachate collection system, shall be cleaned up **immediately** upon discovery (prior to continuing with other facility operations) and stored in a covered container for off-site disposal.

SPECIFIC CONDITIONS:

(Specific Condition #7., cont'd)

j. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

k. Materials shall remain a minimum of 72 hours in the digester unit, unless the permittee demonstrates that a reduced time period does not adversely affect effectiveness of the composting process. The permittee may request Department approval of temporary reductions in the residence time for experimental purposes.

l. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. (ref. Specific Condition #2.d., page 4) These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

m. All compost additives (e.g. biosolids, domestic waste residuals/sludge, animal manure, urea, lime, etc.) shall be stored in covered containers or under roof in areas with leachate collection. Additives shall not be stored for greater than **ninety (90) days**. Additives shall be managed and stored in a manner which sufficiently controls odors or vectors.

n. The number, size, location and orientation of the windrows in the finishing building shall be such that the movement of the turning equipment is not impaired.

o. Final screening of compost material shall be conducted inside the main finishing building or "lean to" portion of the building.

p. Finished compost materials shall be sampled and analyzed in accordance with Rule 62-709.530, F.A.C. Finished compost for which test results have not been received, shall be stored separate from other materials (e.g. unfinished compost, residuals, etc.) until the test results are received. Finished compost which is classified Types A, B and C may be stored outside the building after the test results are received.

q. The outside asphalt pads shall not be used for composting without prior Department approval. The pads may be used for storage of Type A compost.

SPECIFIC CONDITIONS:

8. **Scrubber and Biofilter.**

a. A copy of a permit issued by the Department's Air Resources Section, or documentation that no permit is required, for the digester system shall be submitted to the Solid Waste Section within 30 days of receipt.

b. At a minimum, the biofilter media shall be regenerated or replaced, **annually, by June 15th each year**, unless the permittee provides documentation to the Department which demonstrates that the biofilter efficiency has not significantly decreased for the previous year.

c. The temperature of the air flow to the biofilter, the back pressure to the biofilter, and the biofilter bed depth shall be monitored to evaluate the efficiency of the unit.

d. Liquids which discharge from the scrubber shall be recirculated into the digester system, discharged to the leachate management system at the site, or removed for off-site disposal at a permitted wastewater treatment facility.

e. Liquids which discharge from the scrubber shall be sampled and analyzed to adequately demonstrate that the liquids are not a hazardous waste, and to monitor the effectiveness of the scrubber unit. The quality of the air flow to the scrubber and out of the scrubber shall be monitored to allow for the evaluation of the effectiveness of the scrubber unit.

f. The 3000 gallon "mixing basin" (digester make-up water holding tank) shall be emptied each day the digester is loaded. (ref. Specific Condition #2.h., Section 3, page 2 and Specific Condition #2.i, page 5)

9. **Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, information listed in Specific Condition #2. above, Operation and Maintenance Manual, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

b. The Operations Plan shall be reviewed, and all changes, **or** a statement indicating that no changes have occurred, shall be submitted to the Department **annually**, **by March 15th** each year.

SPECIFIC CONDITIONS:

10. **Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows in the finishing building, the quantity of finished compost produced, and the length of time required to finish the compost.

d. The following information shall be recorded daily, compiled **monthly**, and submitted to the Department **quarterly**:

1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester. This information may be based on the average daily quantity for each month.

2) The total quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.

3) Moisture content and temperature of each compartment of the digester unit.

4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department **quarterly:**

1) Analytical results for:
   a) Scrubber discharge water;
   b) Scrubber air discharge; and
   c) Finished compost.

2) Average residence time for material in the digester each month.

3) Quantity of finished compost.

SPECIFIC CONDITIONS:

(Specific Condition #10., cont'd)

f. Reporting required by Specific Conditions #10.d and e., above, shall be in accordance with the following schedule:

1) Activity from July 1st through September 30th, report due October 15th;
2) Activity from October 1st through December 31st, report due January 15th;
3) Activity from January 1st through March 31st, report due April 15th; and
4) Activity from April 1st through June 30th, report due July 15th.

Amended 6-18-98.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #10.f. above.

11. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

12. **Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odors and vectors. All washdown water shall be contained within the building(s) or leachate management system. Except for the center sump of the finishing building, floors shall be free of standing liquids. Materials in the finishing building (in-process, finished, in windrows, etc.) shall not be located in ponded water.

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system or finishing building at any time.

c. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease **within 120 days** of issuance of this permit.

SPECIFIC CONDITIONS:

(Specific Condition #12., cont'd)

d. The "lean-to" portion of the finishing building shall be constructed and operated to prevent the accumulation of liquids in the digester discharge area. Liquids which accumulate in this area, and have contacted waste, shall be managed as leachate.

13. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

14. **Financial Assurance.** Since the digester system is an integral part of the materials recovery facility (MRF) located at the site, the owner or operator shall provide financial assurance for this solid waste management facility, pursuant to Rules 62-4.110, and 62-701.700, F.A.C. The costs for loading, transportation and disposal of the maximum quantity of feedstock which may be at the facility at any time must be included with the financial assurance cost estimates for the MRF. All costs for closure and proof that the financial mechanism has been funded adequately shall be submitted **annually** shall be submitted in accordance with **Permit Number 126941-001-SO, Specific Condition #13,** or its successors.

15. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. 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 (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

16. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

SPECIFIC CONDITIONS:

(Specific Condition #16., cont'd)

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, the permittee shall **immediately (within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs:

1) Damage to any portion of the site facilities;
2) Failure of any portion of the associated systems;
3) Emergency incidents such as fires or explosions;
4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. Written detailed notification, including a plan for corrective actions, shall be submitted to the Department **within seven (7) days** following the occurrence.

d. Within 48 hours of use, the Department shall be notified of operation of the digester by-pass system. The Department shall also be notified when normal operations utilizing the digester resume. [ref. SC#2.t.]
New OCT. 22, 1998 **.**

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

18. **Fire Safety.**

a. **Annually,** the permittee shall arrange for a fire safety inspection by the local fire protection authorities. The inspection shall be conducted no later than **June 15th** each year. The fire safety inspection report, which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities, shall be maintained at the facility for five years, and copies shall be provided to the Department upon request.

b. In the event that deficiencies are noted, **within 30 days** of completion, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.

BEST AVAILABLE COPY

'ECIFIC CONDITIONS:

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

). **General Conditions.** The permittee shall be aware of and operate ider the "General Conditions". General Conditions are binding upon ne permittee and enforceable pursuant to Chapter 403, Florida tatutes. n

1. **Permit Acceptance.** By acceptance of this Permit, the ermittee certifies that he/she has read and understands the bligations imposed by the Specific and General Conditions ontained herein and also including date of permit expiration and enewal deadlines. It is a violation of this permit for failure o comply with all conditions and deadlines.

2. **Regulations.** Chapter 62-709, F.A.C. (effective 12-17-96), nd Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated nto this permit by reference. The permittee shall comply with ll applicable requirements of Department rules.

xecuted in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

n

22926

Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to:

RECEIVED
SEP 21 1998
D E P

September 16, 1998

Leesburg

Ms. Susan Pelz, P.E. 9/21
Department of Environmental Protection
3804 Coconut Plam Drive
Tampa, FL 33619

RE: Scrubber & Biofilter Test Results
Sumter County Solid Waste Management Facility
Third Quarter 1998

Dear Ms. Pelz:

Central Testing Laboratory (CTL) has completed the third quarter air and scrubber water analysis as required by Specific Conditions No. 10D of the composting permit. The air was sampled prior to entering the scrubber and at the outlet of the biofilter. The air samples were tested for BTEX and TRPH. The scrubber water was tested for characteristics of hazardous waste.

If you should need additional information or have questions concerning the report, please feel free to contact our office.

Very Truly Yours,
Central Testing Laboratory

Judi M. Kelch
Environmental Technician

David W. Springstead, P.E.
Fl. Registration No. 48229

Attachments
cc: Garry Breeden
Terry Hurst
Mitch Kessler

P.O. Box 883
Floral City, FL 34436
(352) 726-6447

727 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186

FLOWERS

CHEMICAL LABORATORIES INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Sep11 1998
Project Number : SCSW
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: FP NACE CN H2S
Date Sampled:Aug11 1998 Date Received:Aug12 1998 Lab Number : 9704

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	9704 SCSW
Flash_Point	oF	75.0	111.	1.62	110.
NACE	mm/yr	.00100			<.0010
Cyanide	mg/L	.00500			<.0050
Hydrogen Sulfide	mg/L	0.500			6.06

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
This Report may not be reproduced in part, results relate only to items tested.

Jefferson S. Flowers, Ph.d.
President/Technical Director

Section 1 of 5 Page 1 of 1

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

1199

FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

Parameter	Symbol	Unit	SCSW 9704										QA Method	QA MDL	Section %RSD	Section %Rec	Analys	Date
Flash Point	*	oF	110J										EPA1010	75	1.6237720	111.26760	TRB	09-04-98
NACE Corrosivity	*	mm/yr	<0.001U										-	0.001			TRB	08-25-98
Cyanide	*	mg/L	<0.005U										EPA335.2	0.005			JTF	08-18-98
Hydrogen Sulfide	*	mg/L	6.06J										EPA376.1	0.5			TRB	09-08-98

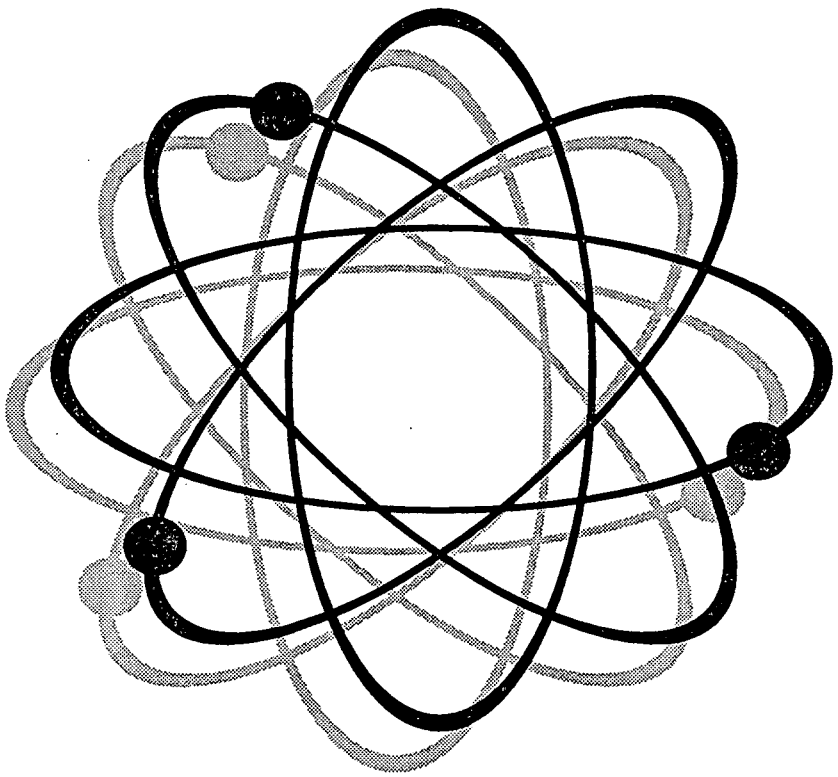
Date Received: 08-12-98 Typed: 09-11-98 Sent: 09-11-98

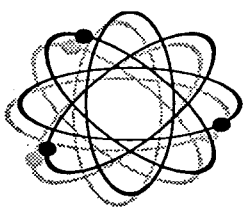
Project Number	SCSW	
PO Number	N/A	
Date Sampled	1 08-11-98	*
Date Analyzed	0	
Compacted		
Format	NormRR	
Unit Cost	Exted	
FP	4500 1	*
NACE	3000 1	*
CN	3000 1	*
H2S	1000 1	*

Quality Assurance Report

Prepared for: Cent.Testing Lab
Project Number: SCSW
Lab Numbers: 9704 - 9704

Report date: 11-Sep-98





FLOWERS
CHEMICAL
LABORATORIES

FLOWERS CHEMICAL LABORATORIES, INC.

QA Conformance Summary

Client:	Cent.Testing Lab
Project Number:	SCSW
P.O. Number:	N/A
Date Sampled:	11-Aug-98
Lab Numbers:	9704 - 9704

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter

Surrogate Compound Recoveries:

The requested analytes did not require surrogates.

Accuracy / Precision:

The recovery limits were met for all compounds in the matrix spike as shown in section 2.
The recovery limits were met for all compounds in the matrix spike duplicate as shown in section 2.
The RSD was met for all compounds as shown in section 2.

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

QCCS Check Sample:

The control limits were met for all compounds as shown in section 4.

Standards Traceability:

The t-test limits were met for all calibration standards as shown in section 5.
The t-test limits were met for all QCCS standards as shown in section 5.
The t-test limits were met for all matrix spike standards as shown in section 5.
There was 1 standard blank.
The t-test limits were exceeded for 2 surrogate spike standards as shown in section 5. This represents a 33.3% success rate.

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Cent.Testing Lab
Project Number: SCSW
P.O. Number: N/A
Date Sampled: 11-Aug-98
Lab Numbers: 9704 - 9704

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Cyanide	mg/L	EPA335.2	08-18-98	0.1	0.005	0.103	98.6%	0.103	98.6%	0.064 - 0.142	0.000	0 - 0.023

FLOWERS CHEMICAL LABORATORIES,INC.

QA Section 3

Method Blank Report

Client: Cent.Testing Lab
Project Number: SCSW
P.O. Number: N/A
Date Sampled: 11-Aug-98
Lab Numbers: 9704 - 9704

Analyte	Unit	Method	Date	Concentration
Flash_Point	oF	EPA1010	09-04-98	<75
Cyanide	mg/L	EPA335.2	08-18-98	<0.005
Hydrogen Sulfide	mg/L	EPA376.1	09-08-98	<0.5

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent.Testing Lab
Project Number: SCSW
P.O. Number: N/A
Date Sampled: 11-Aug-98
Lab Numbers: 9704 - 9704

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Flash_Point	oF	EPA1010	09-04-98	71.0	79.0	111%	62.2 - 79.7
Cyanide	mg/L	EPA335.2	08-18-98	0.100	0.085	85.2%	0.073 - 0.124

FLOWERS CHEMICAL LABORATORIES,INC.

QA Section 5

Standards Traceability

Client: Cent.Testing Lab
Project Number: SCSW
P.O. Number: N/A
Date Sampled: 11-Aug-98
Lab Numbers: 9704 - 9704

Compound Name	Manfacturer Name	Manfacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Control Mean	Control Std	Lot Mean	Lot Std
			Standard				Lot									
Flash_Point																
QCCS	Fisher	963803	664	lisa	03-11-97	12-31-99	713	lisa	03-11-97	12-31-98			1.00		1.00	
Matrix Spike																
Cyanide																
QCCS	EMS	34341536	442	FG	03-12-96	03-12-97	440	FG	03-13-96	03-13-97	-0.691	±2.08	1.63	2.45	0.838	0.061
Matrix Spike	Baker	3080-01	44	TDB	04-07-95	05-01-97	384	TDB	12-14-95	01-14-96	-0.691	±2.08	1.60	2.39		
EPA335.2 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	01-01-97	14	JSF	01-01-95	01-01-97						

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Number: 9704

Lab # 9704

Container 174056 Amber 500 ml:

Inorg Mbl Cart 2 S Steven Welsh Wed, 08/12/98 04:18PM

Jefferson L. Flowers, Ph.D
Jefferson S. Flowers, Ph.D
P O BOX 150597
481 NEWBURYPORT Av.
ALTAMONTE SPRINGS
FLORIDA 32715 - 0597
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FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
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ALTAMONTE SPRINGS
FLORIDA 32715-0597
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FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client: Central Testing Lab
Address: 727 S. 14th St
Leesburg FL 34748
Phone: 352 787-1269
Sampled By (PRINT): Judi Kelch
Sampler Signature: Judi Kelch
Date Sampled: 5-11-98

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: 10-day
P.O. Number
Project Name / No.: SCSW
Contact

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl	NaOH	Zn Acet	ANALYSES REQUEST: Tight. cont.(trace)	Reactv.	TPH BTEX	TPH BTEX	pH>10
1	SCSW	11:00	EFF	9704	1	X										
2	SCSW	11:00	EFF	↓	1					X						
3	SCSW	11:00	EFF		1						X					
4	B	11:20	Air	30266	1									X		
	A	11:35	Air	30267	1										X	
6																

CARRIER	BAILERS	SHIP DATES: OUT / DATE	RETURNED / DATE

SPECIAL INSTRUCTIONS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
			FCL	8/12/98	0852

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Aug24 1998
Project Number : SCSW
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: BTEX TRPH
Date Sampled:Aug11 1998 Date Received:Aug12 1998 Lab Numbers: 30266-30267

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	30266 B	30267 A
Tot_Pet_Hydrocarbons	mg/m3	1.00			412.	113.
Benzene	mg/m3	0.200			<0.200	<0.200
Toluene	mg/m3	0.500			<0.500	<0.500
Ethylbenzene	mg/m3	0.500			<0.500	<0.500
Xylene	mg/m3	0.500			<0.500	<0.500
Total_BTEX	mg/m3	0.500			<0.500	<0.500
Methane	mg/m3	0.500			-	-
Methyl-tert-butyleth	mg/m3	0.500			<0.500	<0.500
Carbon_Dioxide	mg/m3	0.500			-	-

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
This Report may not be reproduced in part, results relate only to items tested.

Jefferson S. Flowers, Ph.d.
President/Technical Director

Section 1 of 5

Serving Your Analytical and Environmental Needs Since 1957

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Jefferson S. Flowers, Ph.D.
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ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Aug24 1998
Project Number : SCSW
PO Number : N/A
FDHRS Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: BTEX TRPH
Date Sampled:Aug11 1998 Date Received:Aug12 1998 Lab Numbers: 30266-30267

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected	Value	Range	Correlation
				30266		
Tot_Pet_Hydrocarbons	mg/m3	134000	12400	412.		
				30267		
Tot_Pet_Hydrocarbons	mg/m3	134000	12400	113.		

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.

Serving Your Analytical and Environmental Needs Since 1957

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1199

FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

Parameter	Symbol	Unit	B 30266	A 30267									QA Method	QA MDL	Section %RSD	Section %Rec	Analys	Date
Tot. Pet. Hydrocarbons	*	mg/m3	412V	113V									EPA18	1			DO	08-12-98
Benzene	*	mg/m3	<0.2U	<0.2U									EPA18	0.2			DO	08-12-98
Toluene	*	mg/m3	<0.5U	<0.5U									EPA18	0.5			DO	08-12-98
Ethylbenzene	*	mg/m3	<0.5U	<0.5U									EPA18	0.5			DO	08-12-98
Xylene	*	mg/m3	<0.5U	<0.5U									EPA18	0.5			DO	08-12-98
Total BTEX	*	mg/m3	<0.5U	<0.5U									EPA18	0.5			DO	08-12-98
Methane	*	mg/m3	-	-									EPA18	0.5			DO	08-12-98
MTBE	*	mg/m3	<0.5U	<0.5U									EPA18	0.5			DO	08-12-98
CO2	*	mg/m3											EPA18	0.5				

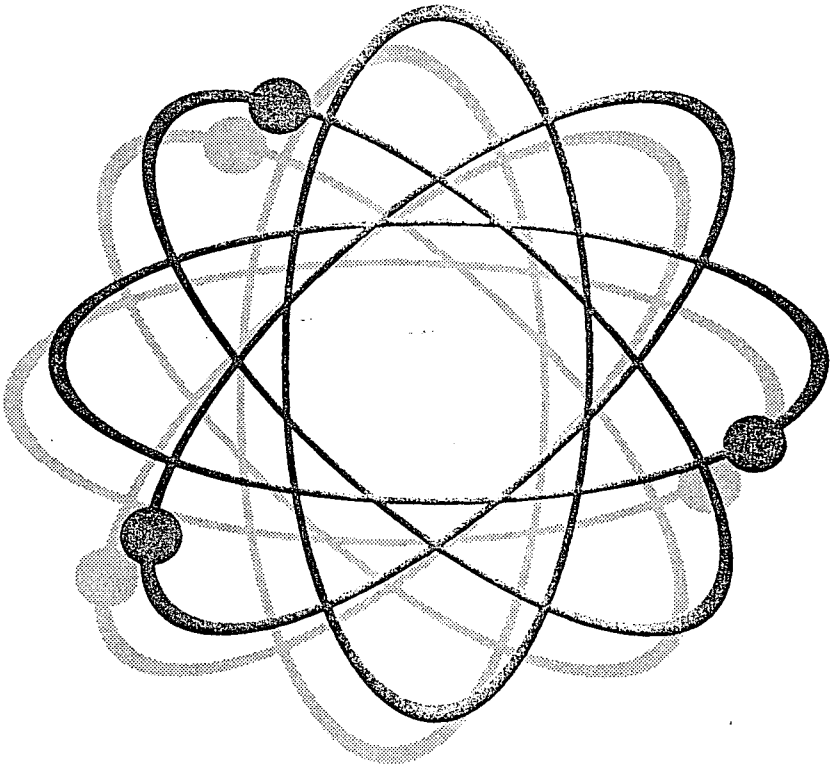
Date Received: 08-12-98 Typed: 08-24-98 Sent: 08-24-98

Project Number	SCSW	
PO Number	N/A	
Date Sampled	1	08-11-98 *
Date Analyzed	0	
Compacted		
Format	NormRR	
Unit Cost	Exted	
1 Day EPA18	12500	2 *

Quality Assurance Report

Prepared for: Cent.Testing Lab
Project Number: SCSW
Lab Numbers: 30266 - 30267

Report date: 24-Aug-98



FLOWERS CHEMICAL LABORATORIES

FLOWERS CHEMICAL LABORATORIES, INC.

QA Conformance Summary

Client:	Cent.Testing Lab
Project Number:	SCSW
P.O. Number:	N/A
Date Sampled:	11-Aug-98
Lab Numbers:	30266 - 30267

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter

The requested analytes did not require surrogates.

Accuracy / Precision:

Method Blanks:

1 target compound was found in the method blank in excess of the method limit as shown in section 3. This represents a 87.5% success rate.

QCCS Check Sample:

The control limits were exceeded for 1 compound as shown in section 4. This represents a 85.7% success rate.

Standards Traceability:

The t-test limits were met for all calibration standards as shown in section 5.
The t-test limits were met for all QCCS standards as shown in section 5.
The t-test limits were met for all matrix spike standards as shown in section 5.
The t-test limits were exceeded for 2 surrogate spike standards as shown in section 5. This represents a 50.0% success rate.

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Cent.Testing Lab
Project Number: SCSW
P.O. Number: N/A
Date Sampled: 11-Aug-98
Lab Numbers: 30266 - 30267

Analyte	Unit	Method	Date	Concentration
Tot_Pet_Hydrocarbons	mg/m3	EPA18	08-12-98	62.1
Benzene	mg/m3	EPA18	08-12-98	<0.2
Toluene	mg/m3	EPA18	08-12-98	<0.5
Ethylbenzene	mg/m3	EPA18	08-12-98	<0.5
Xylene	mg/m3	EPA18	08-12-98	<0.5
Total_BTEX	mg/m3	EPA18	08-12-98	<0.5
Methane	mg/m3	EPA18	08-12-98	<0.5
MTBE	mg/m3	EPA18	08-12-98	<0.5

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent.Testing Lab
Project Number: SCSW
P.O. Number: N/A
Date Sampled: 11-Aug-98
Lab Numbers: 30266 - 30267

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Tot_Pet_Hydrocarbons	mg/m3	EPA18	08-12-98	400	472	118%	331 - 463
Benzene	mg/m3	EPA18	08-12-98	400	437	109%	320 - 480
Toluene	mg/m3	EPA18	08-12-98	400	442	111%	328 - 465
Ethylbenzene	mg/m3	EPA18	08-12-98	400	448	112%	325 - 469
Xylene	mg/m3	EPA18	08-12-98	1200	1332	111%	977 - 1384
Total_BTEX	mg/m3	EPA18	08-12-98	2400	2659	111%	1992 - 2750
MTBE	mg/m3	EPA18	08-12-98	400	439	110%	315 - 480

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent.Testing Lab
Project Number: SCSW
P.O. Number: N/A
Date Sampled: 11-Aug-98
Lab Numbers: 30266 - 30267

Compound Name	Manfacturer Name	Manfacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Tot_Pet_Hydrocarbons	Aldrich	05162LG	113	DO	01-05-95	01-05-99	800	DO	07-30-97	07-30-98						
QCCS Matrix Spike	Aldrich	05162LG	113	DO	01-05-95	01-05-99	801	DO	07-30-97	07-30-98			1.02	0.054	1.01	0.019
Benzene	Aldrich	06446BG	111	DO	01-05-95	01-05-99	800	DO	07-30-97	07-30-98						
QCCS Matrix Spike	Aldrich	06446BG	111	DO	01-05-95	01-05-99	801	DO	07-30-97	07-30-98	5.78	>1.68	1.02	0.059	0.978	0.017
Toluene	Aldrich	06446BG	111	DO	01-05-95	01-05-99	800	DO	07-30-97	07-30-98						
QCCS Matrix Spike	Aldrich	06446BG	111	DO	01-05-95	01-05-99	801	DO	07-30-97	07-30-98	5.78	>1.68	1.02	0.059	0.978	0.017
Ethylbenzene	Aldrich	06446BG	111	DO	01-05-95	01-05-99	800	DO	07-30-97	07-30-98						
QCCS Matrix Spike	Aldrich	06446BG	111	DO	01-05-95	01-05-99	801	DO	07-30-97	07-30-98	5.78	>1.68	1.02	0.059	0.978	0.017
O-Xylene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	800	DO	07-30-97	07-30-98						
QCCS Matrix Spike	Aldrich	05249HG	124	DO	01-05-95	01-05-99	801	DO	07-30-97	07-30-98			0.999	0.060	1.10	
M&P-Xylene	Aldrich	05249HG	124	DO	01-05-95	01-05-99	800	DO	07-30-97	07-30-98						
QCCS Matrix Spike	Aldrich	05249HG	124	DO	01-05-95	01-05-99	801	DO	07-30-97	07-30-98			0.999	0.060	1.10	
MTBE	Aldrich	08065KG	115	DO	01-05-95	01-05-99	800	DO	07-30-97	07-30-98						
QCCS Matrix Spike	Aldrich	08065KG	115	DO	01-05-95	01-05-99	801	DO	07-30-97	07-30-98	5.78	>1.68	1.02	0.059	0.978	0.017

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Numbers: 30266 - 30267

This form was intentionally left blank.

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CHEMICAL LABORATORIES INCORPORATED

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ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client: Central Testing Lab
Address: 727 S. 14th St
Leesburg FL 34748
Phone: 352-787-1268

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: 10 day

P.O. Number
Project Name / No.: SCSW
Contact

Sampled By (PRINT): Judi Kelch
Sampler Signature: Judi Kelch
Date Sampled: 8-11-98

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl	NaOH	Zn Acet	ANALYSES REQUEST: Tgnit. Corrosivity Reactivity IPH BTEX TPH BTEX pH>10
1	SCSW	11:00	EFF	9704	1	X						
2	SCSW	11:00	EFF	↓	1					X		
3	SCSW	11:00	EFF		1						X	
4	B	11:20	Air	30266	1							X
	A	11:35	Air	30267	1							X
6												

CARRIER	BAILERS	SHIP DATES: OUT / DATE	RETURNED / DATE

SPECIAL INSTRUCTIONS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
			FCL	8/12/98	0852

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

Springstead Engineering, inc.
Consulting Engineers — Planners — Surveyors

727 South 14th Street
Leesburg, Florida 34748

Lake (904) 787-1414
Sumter (904) 793-3639
Fax (904) 787-7221

September 4, 1998

Ms. Susan J. Pelz, P.E.
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RECEIVED
SEP 08 1998
Department of Environmental Protection
BY SOUTHWEST DISTRICT

RE: Composting Facility - Building Addition
Modification #126940-005-SO to existing
Operation Permit #126940-001-SO, Sumter County
SEI File No. 921100.009

Dear Ms. Pelz:

We are in receipt of your Request for Additional Information (RAI) dated August 26, 1998, for the above referenced project. Please find the following responses:

1. Please clarify the maximum timeframe, quantity and location for the storage of waste which by-passes the digester (page 1).

1. Any material which by-passes the digester will be loaded via the new conveyor into trucks and transported directly to a permitted disposal facility. This material will not be stored on site. The material is being run through the MRF to recover recyclables.

2. The information provided by Powerscreen of Florida, Inc. does no appear to show details of a feed hopper on the conveyor in the "load in position". Please provide details of the hopper.

2. The manufacturer's detail of the hopper is attached.

3. Sheet 2 of 4, Foundation Plan. Please note the different structures and/or footers which are shown. Please include appropriate cross-sections which are of sufficient detail for construction. Please label the 15' x 15'-8" structures shown in the center of the digester (?) portion of the building. Please label each section of the building for reference. Although an 8" reinforced concrete wall is shown for the north wall, the east, south and west walls are not labeled.

3. The plan showing the clarifications is attached.

4. Sheet 3 of 4, Floor Plan for Addition. Please provide finished floor elevations which demonstrate that liquids will be directed to the existing leachate collection system. Please provide details on the feed hopper.

4. Please see the attached plan. The manufacturer's detail on the hoppers are attached.

5. Sheet 5 of 5, Building Dimensions. Please provide details of the connection of the building addition and the existing building.

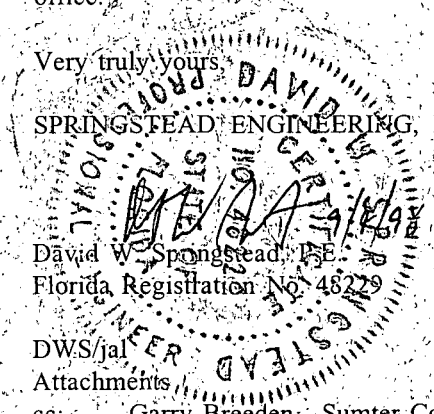
5. The shop drawings showing the building connection is attached. The slab attachment is shown on the foundation detail sheet.

FILE

I trust this information meets your needs at this time. Should you have any questions, please contact our office.

Very truly yours,

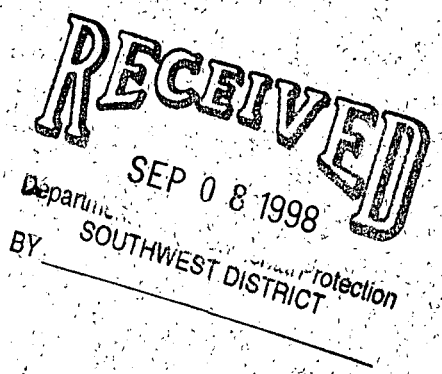
SPRINGSTEAD ENGINEERING, INC.



David W. Springstead, P.E.
Florida Registration No. 48229

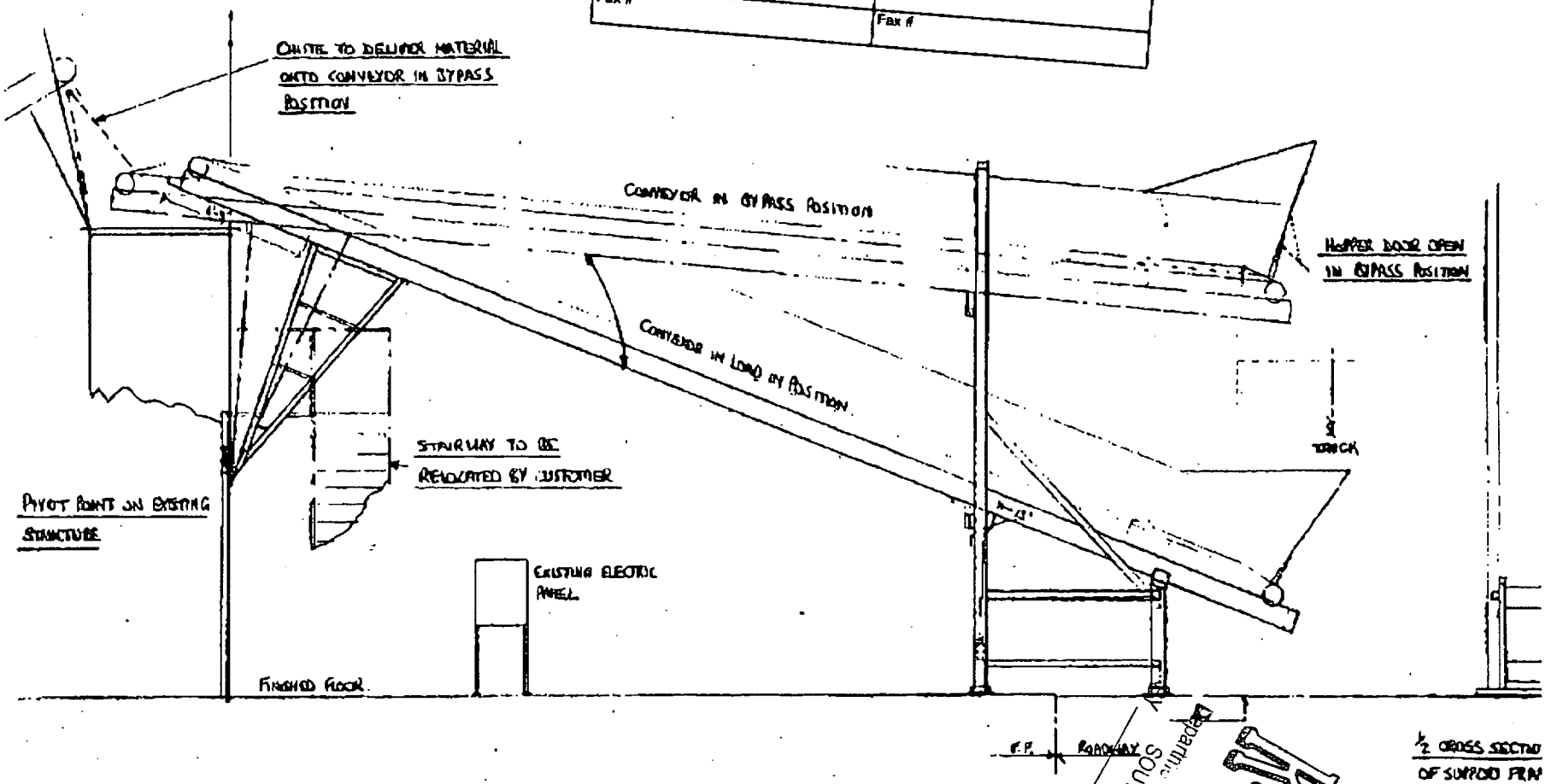
DWS/jal
Attachments
cc: Garry Breeden - Sumter County
Terry Hurst - Sumter County
Denise Reynolds - Sumter County
Tina Lewis - TIA

(September 4, 1998 - b:rai.1)



Post-it™ brand fax transmittal memo 7671 | # of pages ▸

To	David Springstead	From	Terry Hurst
Co.		Co.	SCSW
Dept.		Phone #	
Fax #		Fax #	



CONVEYOR SPECS: LENGTH 50'
BELT WIDTH 48"
FRAME WIDTH 60"
MAIN FRAME 10" CH.
HOIST FRAME 4"x4"A 2x2 20#/FT
DRIVE 7½ HP ELECTRIC REVERSIBLE WIRING & CONTROLS BY CUSTOMER

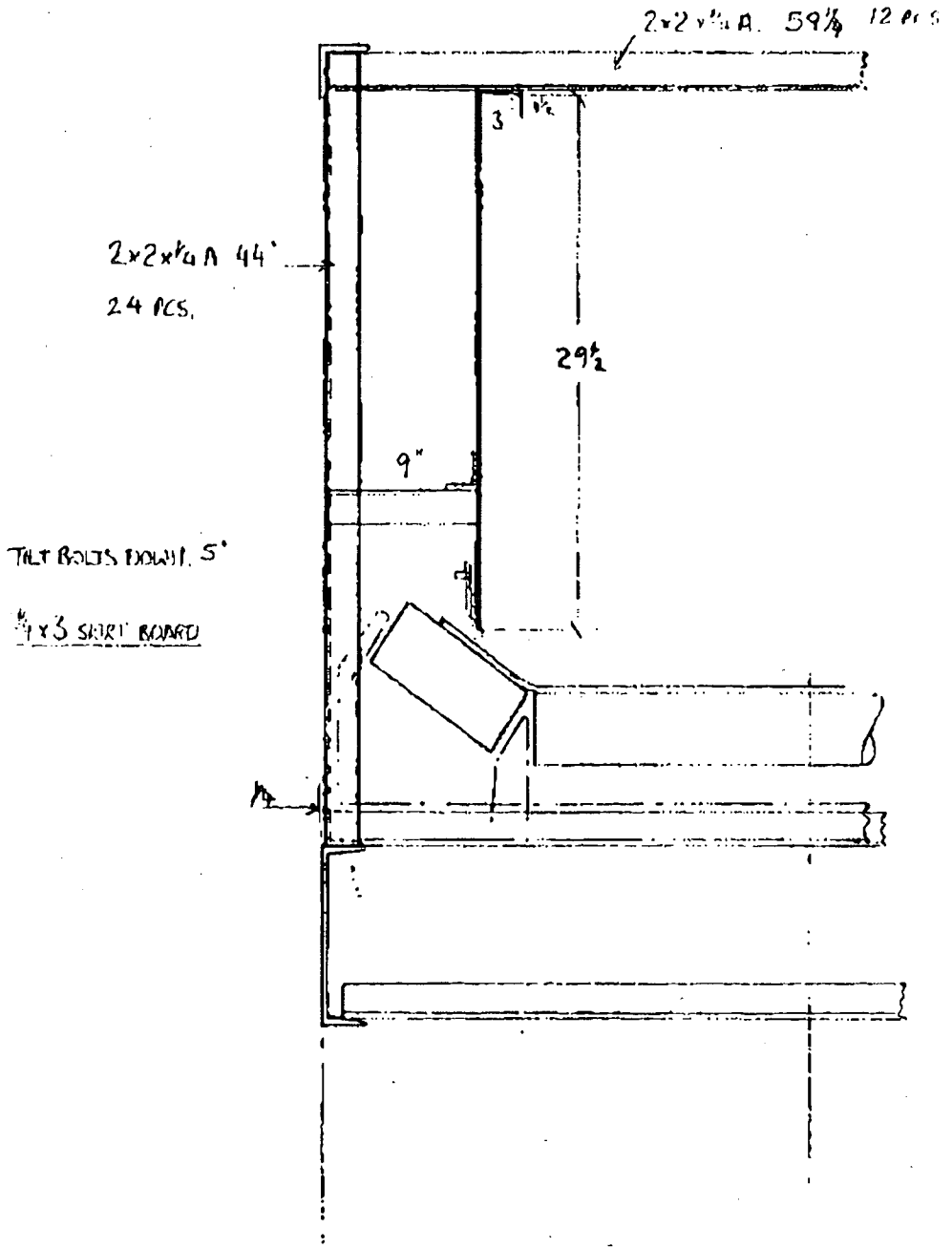
Southwest District Division

RECEIVED
SEP 08 1998

9:35

SUMTER BYPASS/LANDING CONT.
5048001

SUMTER BYPASS / WIDENING (SUNN.
5048001
CROSS SECTION



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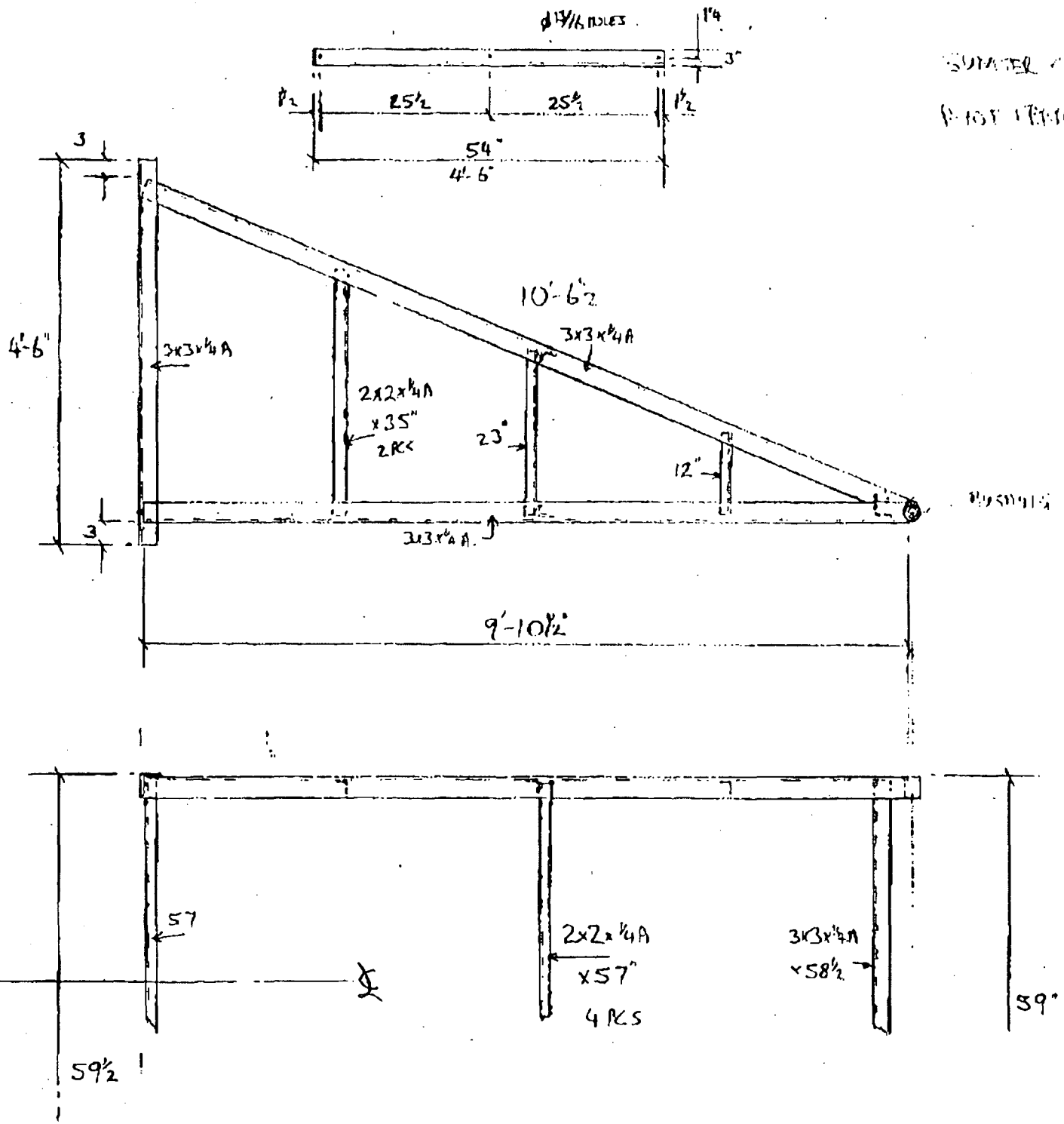
SEP-03-1998 09:14 FROM TO 13525680166 P.05



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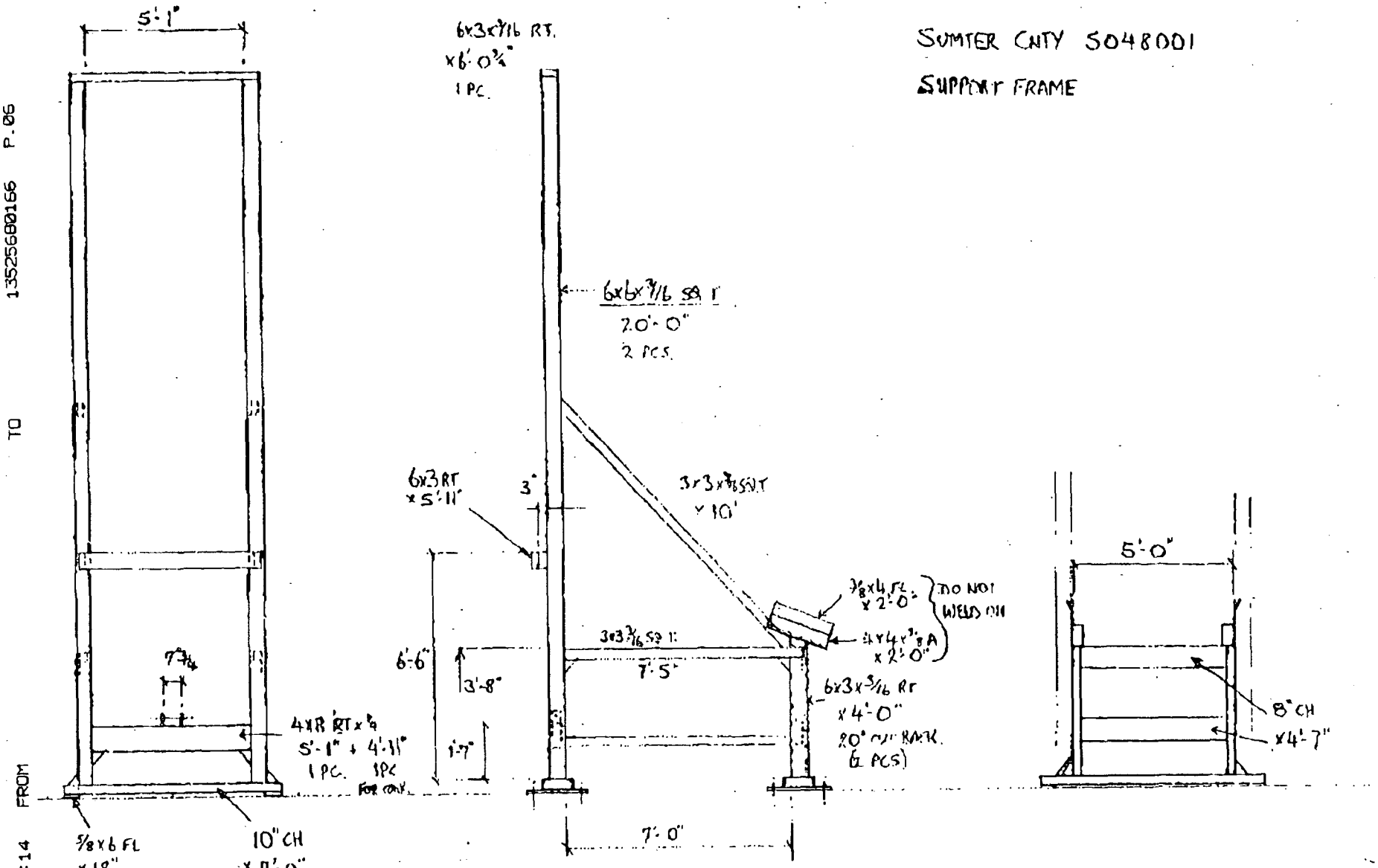
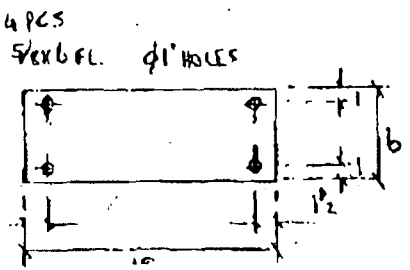
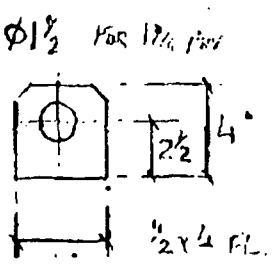
SUMTER CNTY 5048001

SUPPORT FRAME



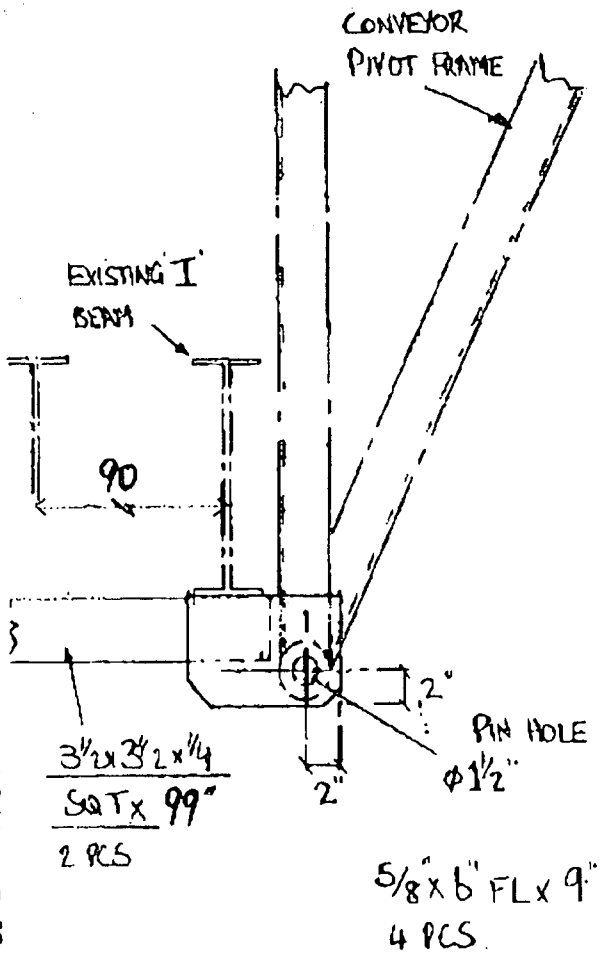


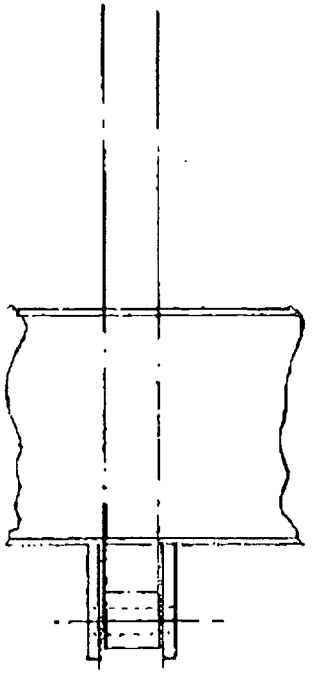


SUMTER GY 5048001

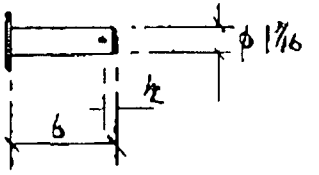
BYPASS - INFEED CONV.

8-98.





5/8"x 6" FL x 9"
4 PCS.



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 East Anderson Ave.
Bushnell, FL 33513

August 26, 1998

RE: Composting Facility - Building Addition
Modification #126940-005-SO to existing
Operation Permit #126940-001-SO, Sumter County

Dear Mr. Breeden:

This is to acknowledge receipt of the information dated July 24, 1998 (received July 28, 1998), to construct site improvements at the existing solid waste composting facility, referred to as the Sumter County Solid Waste Management Composting Facility.

This letter constitutes notice that a permit will be required for your project pursuant to Chapter(s) 403, Florida Statutes. Your application for a permit is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

1. Please clarify the maximum timeframe, quantity and location for the storage of waste which by-passes the digester. (page 1)

2. The information provided by Powerscreen of Florida Inc. does not appear to show details of a feed hopper on the conveyor in the "load in position." Please provide details of the hopper.

3. Sheet 2 of 4, Foundation Plan. Please note the different structures and/or footers which are shown. Please include appropriate cross-sections which are of sufficient detail for construction. Please label the 15' x 15'-8" structures shown in the center of the digester (?) portion of the building. Please label each section of the building for reference. Although an 8" reinforced concrete wall is shown for the north wall, the east, south and west walls are not labeled.

4. Sheet 3 of 4, Floor Plan for Addition. Please provide finished floor elevations which demonstrate that liquids will be directed to the existing leachate collection system. Please provide details on the feed hopper.

5. Sheet 5 of 5, Building Dimensions. Please provide details of the connection of the building addition and the existing building.

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

You are requested to submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St. Leesburg, FL 34748
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Robert Butera, P.E., FDEP, Tampa
Steve Morgan, FDEP, Tampa

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

FAX TRANSMITTAL SHEET

FAXED 5:00

8/26/98
Date

TO: David Springstead

Phone: _____ Fax: 352-787-7221

FROM: Susan Pelz

Phone: (813) 744-6100 ext 386 Fax: (813)744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 3

SUBJECT: Sumter Co Composting Building
Minor Mod.

Hard copy was ~~~~ mailed.

Transmit Confirmation Report

No.	:	013
Receiver	:	813527877221
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Aug 26 98 16:57
Time	:	01'57
Mode	:	Norm
Pages	:	03
Result	:	OK

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 East Anderson Ave.
Bushnell, FL 33513

August 26, 1998

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Operation Permit #126940-001-SO, Sumter County

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Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St. Leesburg, FL 34748
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Robert Butera, P.E., FDEP, Tampa
Steve Morgan, FDEP, Tampa

Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street
Leesburg, Florida 34748

Lake (904) 787-1414
Sumter (904) 793-3639
Fax (904) 787-7221

TO Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL. 33619

DATE 7/27/98 JOB NO. 921100.008

ATTENTION Ms. Susan Pelz

RE Sumter County Composting Facility

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile

☐ Copy of letter ☐ Change order ☐ _____

Copies	Date	No.	Description
5			Modification of Permit and Operation - Sumter County Composting Facility.

D.E.P.
JUL 28 1998
SOUTHWEST DISTRICT
TAMPA

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Approved for payment

☐ For your use ☐ Approved as noted ☐ Resubmit _____ copies for approval

☐ As requested ☐ Returned for corrections

☐ For review and comment ☐ _____

☐ Material and/or prints returned after loan to us

REMARKS

COPY TO Garry Breeden-Sumter County
Terry Hurst-Sumter County
Denise Reynolds-Sumter County
Tina Lewis-TIA

SIGNED: Joy Lombeck for DWS
David W. Springstead, P.E.

(see Board Report)

Solid Waste Section
Permitting Application

PROJECT INFORMATION

Site Name: Sumter Composting

Site #: 126940

Address: _____

County/Code: _____

Project Name: Bldg [redacted] extension

Type: SO Subtype: MM Description: _____

Fee Received: 0 Correct (X) Incorrect ( )

Needed/Refund $ _____

Fee Checked By: [redacted] Date: 7/29/98

RELATED PARTY INFORMATION

Role: Applicant

Name: Cathy Breeden

Address: _____

Company: File ON

City: _____ State: FL Zip: _____

Phone: _____ Fax: _____

Processor: PEL2

Department of Environmental Protection

TELEPHONE (813) 223-9702
FAX (813) 223-9332

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

INFORMATION REQUEST

To: Tim Townsend
UF - Dept. of Env. Eng. Sciences
PO Box 116450
Gainesville, FL 32611-6450

Date: 8/12/98

olid Waste

Please find the following information attached, as requested.

Sumter County Compost Analyses 4/91 to present
(I have only included pages which
have metals analyses.)

erial would not
, not foreign

ult	Units
3.7	%
430	mg/Kg
960	mg/Kg
020	mg/Kg
.2	mg/Kg
02	mg/Kg
3	mg/Kg
2	mg/Kg
15	mg/Kg
1	MPN/g

If you have any questions, you may contact me at (813) 744-6100, ext. 386 or the above address. Thank-you for your interest in protecting the environment.

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

pH Value 8.8
Extraction Dilution 1:10

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper

INTEROFFICE MEMORANDUM

Date: 11-Aug-1998 06:42am
From: Tim Townsend
Dept:
Tel No:

To: butera_r

Subject: thanks

Bob.....I just wanted to say thanks for letting me spend some time discussing our research with you and your crew. I always gain something during those kind of meetings. Remember that if you every need anything, or if you think of anything we should be thinking about, please don't hesitate to call.

Perhaps you can help me out with something. Remember we talked about composting....., well I have student who is working on compiling background data on heavy metal concentration from various solid waste and sludge composts from around Florida and beyond. Do you have Sumter County's historical data in accessible form? Is it something that can be easily copied and sent to me, or should I send a student down to look through the files?

Thanks for your help. I'll keep sending you more reports/papers as they get finalized.

Tim
Timothy G. Townsend, Ph.D.
Assistant Professor
Department of Environmental Engineering Sciences
University of Florida
PO Box 116450
Gainesville, FL 32611-6450
(352) 392-0846
(352) 392-3076 Fax

22926

Springstead Engineering, inc.
Consulting Engineers — Planners — Surveyors

727 South 14th Street
Leesburg, Florida 34748

Lake (904) 787-1414
Sumter (904) 793-3639
Fax (904) 787-7221

RECEIVED
JUL 20 1998
Department of Environmental Protection
BY SOUTHWEST DISTRICT

July 15, 1998

Ms. Susan J. Pelz, P.E.
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: SCRUBBER & BIOFILTER TEST RESULTS
SUMTER COUNTY SOLID WASTE FACILITY
THIRD QUARTER 1998
SEI FILE NO. 921100.008 126940-001-SO

Dear Ms. Pelz:

Please find attached the test results for the air and scrubber water as required by Specific Condition No. 10D of the composting permit. The air was sampled prior to entering the scrubber and at the outlet of the biofilter. The samples were tested for B-tex and TRPH. The scrubber water was tested for characteristics of hazardous waste.

Please contact me if you have any questions or require additional information.

Very truly yours,
Springstead Engineering, Inc.

David W. Springstead, P.E.
Florida Registration No. 48229

DWS/ar

cc: Garry Breeden
Terry Hurst
Mitch Kessler

(July 15, 1998 B:tests.ltr)

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Jul10 1998
Project Number : SCSW
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: BTEX TRPH
Date Sampled:Jul 9 1998 Date Received:Jul10 1998 Lab Numbers: 30171-30172

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	30171 SCSW	30172 SCSWB
Tot_Pet_Hydrocarbons	mg/m3	1.00			37.7	9.13
Benzene	mg/m3	0.200			<0.200	<0.200
Toluene	mg/m3	0.500			<0.500	<0.500
Ethylbenzene	mg/m3	0.500			<0.500	<0.500
Xylene	mg/m3	0.500			<0.500	<0.500
Total_BTEX	mg/m3	0.500			<0.500	<0.500
Methane	mg/m3	0.500			-	-
Methyl-tert-butyleth	mg/m3	0.500			<0.500	<0.500
Carbon_Dioxide	mg/m3	0.500			-	-

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
This Report may not be reproduced in part, results relate only to items tested.

Jefferson S. Flowers, Ph.d.
President/Technical Director

Section 1 of 5 Page 1 of 1

Jefferson L. Flowers, Ph.D
Jefferson S. Flowers, Ph.D
481 NEWBURYPORT Av.
ALTAMONTE SPRINGS
FLORIDA 32715 - 0597
BUS: (407) 339-5984
FAX: (407) 260-6110

FLOWERS

CHEMICAL
LABORATORIES
INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Jul14 1998
Project Number : SCSW
PO Number : 7-9-98
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 3 day reactivity 3 day FP 3 day NACE
Date Sampled:Jul 9 1998 Date Received:Jul 9 1998 Lab Number : 7370

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7370 SCSW
Flash_Point	oF	75.0	104.	.000	>200.
NACE	mm/yr	.00100			<.0010
Cyanide	mg/L	.00500	99.9	.000	<.0050
Hydrogen Sulfide	mg/L	0.500			4.59

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
This Report may not be reproduced in part, results relate only to items tested.

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President/Technical Director

Section 1 of 5 Page 1 of 1

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481 NEWBURYPORT Av.
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FAX: (407) 260-6110

22926

P. O. Box 1066
Bushnell, Fl 33513
(352) 793-3368
(352) 568- 0166 Fax

Sumter County Solid Waste

June 17, 1998 AB 6/22/98

Ms. Susan J.Pelz, P.E.
Department of Environmental Protection
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619

RECEIVED
JUN 18 1998
D E P

RE: Biofilter Replacement

Dear Ms. Pelz:

In reference to the Operational Permit for the Sumter County Composting Facility, permit number 126940-001-SO, specifically Specific Condition 8b, the biofilter media was replaced on June 14, 1998. If you have questions, please give me a call.

Sincerely,

Terry Hurst
Asst. Solid Waste Director

cc: Garry Breeden
Springstead Engineering
TIA Solid Waste Consultants

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: x RICK GARRITY, **Director of District Management**

FROM/THROUGH:

William Kutash, **ENVIRONMENTAL ADMINISTRATOR**
Robert Butera, P.E. **SUPERVISOR**
Susan Pelz, P.E. **ENGINEER**

DATE: June 18, 1998

FILE NAME: Sumter County Composting
PROGRAM : Solid Waste

Mod #126940-004-SO to
PERMIT #:126940-001-SO
COUNTY : Sumter

TYPE OF PERMIT ACTION: X ISSUE ___DENY X MODIFY
___TRANSFER OWNER ___NOD
___PUBLIC NOTICE __INTENT TO ISSUE

PUBLIC NOTICE PERIOD CLOSED? _____ **PETITION FILED?** _____

PERMIT SUMMARY: This modification is to change the reporting dates required by the permit. Other conditions have not changed. The existing permit is to continue operation of a solid waste composting facility. Recyclables are removed from the waste prior to the feedstock entering a digester unit. The digester system includes a biofilter and wet scrubber for air pollution and odor control. After exiting the digester unit, the compost is screened to remove large debris (e.g. plastic) and the "unders" are placed in windrows in the new finishing building. After 20 days of turning and curing, the finished product is screened again, and tested. The existing leachate surface impoundment system will be abandoned.

PROFESSIONAL RECOMMENDATION: X **APPROVE** ____ **DENY**

EVALUATION SUMMARY: The applicant has provided sufficient information to demonstrate compliance with Department Rules.

Application received - June 15, 1998.
Application complete - June 15, 1998.
Department processing time - 4 days (to 6-18-98).
Total processing time - 4 days (to 6-18-98).

DAY 90/30 FOR THIS ACTION IS: **ASAP** (Day 90= 9-12-98)

P 520 310 473

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail *(See reverse)*

Sent to Santa County	
Street & Number Public Works Dept	
Post Office, State, & ZIP Code Barry Breeden	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 6-18-98	

PS Form **3800**, April 1995

SENDER: #126940-001-50

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Sumter County
Public Works Dept
Barry Breeden
319 E. Anderson Ave
Bushnell, FL 33513

4a. Article Number

P 520 310 473

4b. Service Type

☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

6-19-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*

X Linda J. Mears

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

RECEIVED
JUN 22 1998
BY
Department of Environmental Protection
SOUTHWEST DISTRICT

Susan Pelz - Solid Waste

7i

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

June 18, 1998

NOTICE OF PERMIT

Sumter County Public Works Department
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

RE: Modification number 126940-004-SO to existing Operation Permit No. **126940-001-SO**, Sumter County
Sumter County Composting

Dear Mr. Breeden:

Attached is modified permit number **126940-001-SO**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number 126940-004-SO:

SPECIFIC CONDITIONS	FROM	TO	TYPE OF MODIFICATION
#2.s.	N/A	New	Permit documentation to include requested modification
#10.f.	Existing	Amended	Reporting dates

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

A person whose substantial interests are affected by this modification of 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, 2600 Blair Stone Road, Tallahassee, 32399-2400, 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;

(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.

This modified 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 Rule 62-103.070, 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, 2600 Blair Stone Road, Tallahassee, 32399-2400; 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.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

RDG/sjp
Attachment
cc: Sumter County Board of County Commissioners
David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Douglas Beason, OGC Tallahassee
Francine Joyal, FDEP Tallahassee
Fred Wick, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa
Danielle Nichols, FDEP Tampa (Permit Notebook)

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 18, 1998 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.

Anna Blank 6-18-98
Clerk Date

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE
Sumter County Public Works Dept.
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

PERMIT/CERTIFICATION
GMS ID No: 4060C00092
Permit No: **126940-001-SO**
Date of Issue: 05/29/1998
Expiration Date: **05/01/2003**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County
Composting Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **operate** a solid waste Composting Facility (approximately 100 tons per day), referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **operation** of:

1. Composting Facility

Replaces Permit Numbers: SO60-211179, SC60-298996, 126940-002-SC

This permit contains compliance items summarized in **Attachment 1** that shall be complied with and 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 dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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 403.861, 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), F.S., 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 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.

GENERAL CONDITIONS:

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.

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 Statues after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

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

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.

GENERAL CONDITIONS:

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

(a) All reports or information required by the Department shall be certified as being true, accurate and complete.

(b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.

1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.

(d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

GENERAL CONDITIONS:

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.

2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.

3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.

2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for **operation** of the composting facility (finishing building and digester) and related facilities in accordance with the reports, plans and other information, submitted by **Springstead Engineering, Inc.,** as follows:

a. Request for Additional Information Composting Facility Expansion- Digester, dated February 17, 1997 (received February 18, 1997);

b. Bedminster Digester System Operation and Maintenance Manual, dated January 13, 1997 (received February 24, 1997);

c. Plan Sheets titled, Sumter County Solid Waste Management Facility MSW Compost Digester, signed and sealed December 24, 1996, including the following revised sheets:

1) Sheet 5 of 5 received February 18, 1997;
2) Sheet SUM EL01 received February 18, 1997;

d. Request for Additional Information Composting Facility Expansion- Digester, dated April 14, 1997(including drawings which have not been subsequently revised);

e. Additional information dated May 6, 1997 (received May 7, 1997);

f. Record Drawings Sheets 1, 2, 3, 4, and 5 of 5, received August 14, 1997;

g. Certification of Construction Completion dated October 29, 1997 (received October 30, 1997) including Record Drawings received October 30, 1997:

1) Digester Location Plan, Sheet 2 of 6
2) SUM-EL01 Digester Plan and Elevation
3) SUM-BF01 Biofilter General Arrangement, and
4) SUM-BF02 Biofilter Plan and Sections;

SPECIFIC CONDITIONS:

(Specific Condition #2., cont'd)

h. Application to Renew Operating Permits for Sumter County Recycling, Processing and Composting Facility, dated August 1, 1997 (received August 4, 1997);

i. Request for Additional Information, Composting Facility Operation Renewal/Expansion,... dated October 1, 1997 (received October 2, 1997);

j. Contract Documents for the Construction of the Sumter County Finishing Building, dated September 11, 1997 (received October 27, 1997);

k. Request for Additional Information Composting Facility Expansion..., dated October 24, 1997 (received October 27, 1997);

l. Sumter County Solid Waste Facility Operations Manual, dated December 1997 (received January 9, 1998);

m. Request for Additional Information, Composting Facility Operation Renewal,... dated January 9, 1998 (received January 9, 1998);

n. Additional information (concerning financial assurance) dated March 5, 1998 (received March 6, 1998);

o. Plan Sheets titled, Sumter County Composting, Processing and Recycling Facility- Compost Finishing Building, (7 sheets) dated August 29, 1997 (received September 3, 1997), including the following revised sheets dated October 24, 1997 (received October 27, 1997):

1) Sheet 3 of 7, Floor Plan,
2) Sheet 4 of 7, Foundation Plan,
3) Sheet 5 of 7, Elevations,
4) Sheet 6 of 7, Elevations, and
5) Sheet 7 of 7, Electrical Plan;

p. Sheet 2 of 3, "Site Plan," dated October 24, 1997 (received October 27, 1997);

SPECIFIC CONDITIONS:

(Specific Condition #2., cont'd)

q. Plan Sheets signed and sealed August 4, 1997 (received August 4, 1997) as follows:

1) Sheet 1 of 1, "Overall Site Plan," dated August 4, 1997;
2) Record Drawing, Sheet 2 of 5, "Proposed Materials Recovery Building Floor Plan," dated August 4, 1997;
3) Sheet 3 of 5, "Composting Site Plan;"
4) Sheet 4 of 5, "Zoning Map;"
5) Aerial Photograph dated 2-1-97.

r. In accordance with all applicable requirements of Department rules, and

s. Information dated June 11, 1998 concerning reporting dates.

New June 18, 1998.

3. **Permit Modifications.**

a. This permit is valid for the operation of the finishing building, digester and related appurtenances (e.g. biofilter and scrubber).

b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.

c. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. 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 a substantial modification.

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

SPECIFIC CONDITIONS:

5. **Certification of Construction Completeness. No later than thirty (30) days** after the completion of construction, and prior to operation of finishing building, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to:

1) As-built details of the finishing building such as the floor slopes (leachate collection system);
2) Processing equipment installation (if applicable);
3) Piping, electrical, and fire suppression systems;
4) Building eave heights, clearances and floor elevations;
5) Other details as necessary.

c. A final survey shall be provided which demonstrates that the as-built floor elevations, grades and wall heights were constructed in accordance with the Department-approved plans.

d. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

6. **Prohibitions.** The prohibitions of 62-701.300, F.A.C., shall not be violated.

7. **Facility Operation Requirements.**

a. Material shall not be processed in the finishing building systems prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

b. The permittee shall operate this facility in accordance with Chapter 62-709, F.A.C.; the information and drawings as listed in Specific Condition #2 above; and any other applicable requirements.

c. Waste or leachate shall not be stored in the "lined emergency storage cell."

SPECIFIC CONDITIONS:

(Specific Condition #7., cont'd)

d. The finishing building floor shall be sloped to the center as shown on Sheet 3 of 7, Floor Plan, dated October 24, 1997. In the event that liquids accumulate on the floor, the liquids shall be removed by the end of the working day. These liquids may be placed back on the compost piles, may be removed for offsite disposal, or may be disposed of in another appropriate manner.

e. Litter shall be collected at least once daily.

f. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall be removed to an appropriate off-site disposal facility.

g. In order to minimize the potential for explosions and fires, explosive items (e.g. fireworks, ammunition, some aerosol cans) shall be removed from the waste stream prior to processing in the digester unit.

h. All processed and unprocessed waste materials and compost additives shall be unloaded inside the building or into trucks or containers on paved areas. Spillage inside the building from the loading, unloading or sampling activities may be cleaned up at the end of each business day. Spillage in the digester discharge area shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations).

i. Leakage of fuels, oil, grease, other lubricants or fluids, from the digester equipment which is discharged to soils outside the building, or leachate collection system, shall be cleaned up **immediately** upon discovery (prior to continuing with other facility operations) and stored in a covered container for off-site disposal.

j. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

k. Materials shall remain a minimum of 72 hours in the digester unit, unless the permittee demonstrates that a reduced time period does not adversely affect effectiveness of the composting process. The permittee may request Department approval of temporary reductions in the residence time for experimental purposes.

SPECIFIC CONDITIONS:

(Specific Condition #7., cont'd)

l. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. (ref. Specific Condition #2.d., page 4) These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

m. All compost additives (e.g. biosolids, domestic waste residuals/sludge, animal manure, urea, lime, etc.) shall be stored in covered containers or under roof in areas with leachate collection. Additives shall not be stored for greater than **ninety (90) days**. Additives shall be managed and stored in a manner which sufficiently controls odors or vectors.

n. The number, size, location and orientation of the windrows in the finishing building shall be such that the movement of the turning equipment is not impaired.

o. Final screening of compost material shall be conducted inside the main finishing building or "lean to" portion of the building.

p. Finished compost materials shall be sampled and analyzed in accordance with Rule 62-709.530, F.A.C. Finished compost for which test results have not been received, shall be stored separate from other materials (e.g. unfinished compost, residuals, etc.) until the test results are received. Finished compost which is classified Types A, B and C may be stored outside the building after the test results are received.

q. The outside asphalt pads shall not be used for composting without prior Department approval. The pads may be used for storage of Type A compost.

8. **Scrubber and Biofilter.**

a. A copy of a permit issued by the Department's Air Resources Section, or documentation that no permit is required, for the digester system shall be submitted to the Solid Waste Section within 30 days of receipt.

b. At a minimum, the biofilter media shall be regenerated or replaced, **annually, by June 15th each year**, unless the permittee provides documentation to the Department which demonstrates that the biofilter efficiency has not significantly decreased for the previous year.

SPECIFIC CONDITIONS:

(Specific Condition #8., cont'd)

c. The temperature of the air flow to the biofilter, the back pressure to the biofilter, and the biofilter bed depth shall be monitored to evaluate the efficiency of the unit.

d. Liquids which discharge from the scrubber shall be recirculated into the digester system, discharged to the leachate management system at the site, or removed for off-site disposal at a permitted wastewater treatment facility.

e. Liquids which discharge from the scrubber shall be sampled and analyzed to adequately demonstrate that the liquids are not a hazardous waste, and to monitor the effectiveness of the scrubber unit. The quality of the air flow to the scrubber and out of the scrubber shall be monitored to allow for the evaluation of the effectiveness of the scrubber unit.

f. The 3000 gallon "mixing basin" (digester make-up water holding tank) shall be emptied each day the digester is loaded. (ref. Specific Condition #2.h., Section 3, page 2 and Specific Condition #2.i, page 5)

9. **Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, information listed in Specific Condition #2. above, Operation and Maintenance Manual, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

b. The Operations Plan shall be reviewed, and all changes, **or** a statement indicating that no changes have occurred, shall be submitted to the Department **annually**, **by March 15th** each year.

10. **Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

SPECIFIC CONDITIONS:

(Specific Condition #10., cont'd)

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows in the finishing building, the quantity of finished compost produced, and the length of time required to finish the compost.

d. The following information shall be recorded daily, compiled **monthly**, and submitted to the Department **quarterly**:

1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester. This information may be based on the average daily quantity for each month.

2) The total quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.

3) Moisture content and temperature of each compartment of the digester unit.

4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department **quarterly:**

1) Analytical results for:
   a) Scrubber discharge water;
   b) Scrubber air discharge; and
   c) Finished compost.

2) Average residence time for material in the digester each month.

3) Quantity of finished compost.

SPECIFIC CONDITIONS:

(Specific Condition #10., cont'd)

f. Reporting required by Specific Conditions #10.d and e., above, shall be in accordance with the following schedule:

1) Activity from July 1st through September 30th, report due October 15th;
2) Activity from October 1st through December 31st, report due January 15th;
3) Activity from January 1st through March 31st, report due April 15th; and
4) Activity from April 1st through June 30th, report due July 15th.

Amended June 18, 1998 .

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #10.f. above.

11. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

12. **Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odors and vectors. All washdown water shall be contained within the building(s) or leachate management system. Except for the center sump of the finishing building, floors shall be free of standing liquids. Materials in the finishing building (in-process, finished, in windrows, etc.) shall not be located in ponded water.

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system or finishing building at any time.

c. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease **within 120 days** of issuance of this permit.

SPECIFIC CONDITIONS:

(Specific Condition #12., cont'd)

d. The "lean-to" portion of the finishing building shall be constructed and operated to prevent the accumulation of liquids in the digester discharge area. Liquids which accumulate in this area, and have contacted waste, shall be managed as leachate.

13. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

14. **Financial Assurance.** Since the digester system is an integral part of the materials recovery facility (MRF) located at the site, the owner or operator shall provide financial assurance for this solid waste management facility, pursuant to Rules 62-4.110, and 62-701.700, F.A.C. The costs for loading, transportation and disposal of the maximum quantity of feedstock which may be at the facility at any time must be included with the financial assurance cost estimates for the MRF. All costs for closure and proof that the financial mechanism has been funded adequately shall be submitted **annually** shall be submitted in accordance with **Permit Number 126941-001-SO, Specific Condition #13,** or its successors.

15. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. 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 (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

16. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

SPECIFIC CONDITIONS:

(Specific Condition #16., cont'd)

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, the permittee shall **immediately (within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs:

1) Damage to any portion of the site facilities;
2) Failure of any portion of the associated systems;
3) Emergency incidents such as fires or explosions;
4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. Written detailed notification, including a plan for corrective actions, shall be submitted to the Department **within seven (7) days** following the occurrence.

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

18. **Fire Safety.**

a. **Annually,** the permittee shall arrange for a fire safety inspection by the local fire protection authorities. The inspection shall be conducted no later than **June 15th** each year. The fire safety inspection report, which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities, shall be maintained at the facility for five years, and copies shall be provided to the Department upon request.

b. In the event that deficiencies are noted, **within 30 days** of completion, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.

19. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications 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.

SPECIFIC CONDITIONS:

20. **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.

21. **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 and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

22. **Regulations.** Chapter 62-709, F.A.C. (effective 12-17-96), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration (November 2, 2002)	Permit Renewal Application
5.a., 5.b., 5.c.	Within 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by June 15th each year	Regenerate biofilter media
9.b.	Annually, by March 15th each year	Revised Operations Plan
10.d., 10.e., 10.f.	Quarterly, by October 15th, January 15th, April 15th, and July 15th	Waste quantity reports, analytical results
12.c.	Within 120 days of permit issuance	Cease use of leachate impoundments
13.	180 days prior to date of final material acceptance	Closure notification
14.	Annually	Revised financial assurance cost estimates, proof that financial mechanism is adequately funded
16.b.	Within 24 hours,	Notification of failure of systems
16.c.	Within 7 days, of occurrence	Written notification & description of corrective actions
18.a.	Annually, by June 15th	Fire safety survey/inspection completed
18.b.	Within 30 days of completion	Documentation of approved completion of fire safety corrective actions

Springstead Engineering, inc.
Consulting Engineers — Planners — Surveyors

727 South 14th Street
Leesburg, Florida 34748

Lake (904) 787-1414
Sumter (904) 793-3639
Fax (904) 787-7221

RECEIVED
JUN 15 1998
D E P

June 11, 1998

Ms. Susan J. Pelz, P.E.
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Modification of Permit Conditions
Sumter County Composting Facility
FDEP Permit #126940-001-SO

Dear Ms. Pelz:

Upon review of the final permit written for the above facility, we have encountered a permit condition which needs to be altered. Specific Conditions 10(f), which deals with quarterly reporting requirements for materials and testing, is set-up in such a way that the reporting quarters are shifted one month from the calendar year quarter. All of the County's current data reporting forms and software templates are setup for individual months and calendar year reporting. We request that the reporting quarters in the condition be changed to match the calendar year quarters. We request that the conditions be revised to read as follows:

10.f. Reporting required by Specific Conditions #10.d and e., above shall be in accordance with the following schedule:

1) Activity from July 1st through September 30th, report due October 15th;
2) Activity from October 1st through December 31st, report due January 15th;
3) Activity from January 1st through March 31st, report due April 15th; and
4) Activity from April 1st through June 30th, report due July 15th.

If this is agreeable to the Department we will begin the quarterly reporting on July 15th and will include the month of March in that report, for a total of 4 months.

The required forms to process the request for modification are attached.

We hope that this request meets with you approval. If you should have any questions or require additional information, please contact me.

Very truly yours,
Springstead Engineering, Inc.

David W. Springstead, P.E.

DWS/jal
Attachments
cc: Garry Breeden
Terry Hurst
Denise Reynolds
(June 10, 1998 - b:pelz.sp)

Sumter County Government

Board of Sumter County Commissioners
209 North Florida Street, Bushnell, Florida, 33513 Room 206 **Telephone** (352) 793-0200 **SUNCOM** 665-0200 **FAX** (352) 793-0207

June 10, 1998

RECEIVED
JUN 15 1998
DEP

Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

Re: Sumter County Composting Facility - Permit #126940001-SO
Modification of Permit Conditions

Dear Sir:

In compliance with Chapter 94-278, Florida Statutes, relating to permit fees for small counties, you will find attached herewith a resolution duly adopted by the Board of Sumter County Commissioners in open session.

I certify that the attached resolution specifically applies to the project listed above and request that the provisions of the statute be used to calculate the appropriate permit fee.

Please contact me at the telephone number of letterhead address if you need additional information or clarification of this request.

Very truly yours,

OFFICE OF COUNTY ADMINISTRATOR

BY Bernard Dew
BERNARD DEW
COUNTY ADMINISTRATOR

BD:th

Enclosure

Benny G. Strickland, Chairman
Distr. 1 (352) 748-5015 or 748-2060
P. O. Box 207
Wildwood, FL 34785

Joey A. Chandler, Dist. 2
(352) 568-8184
P. O. Box 530
Lake Panasoffkee, FL 33538

Robin Cox, Dist. 5
(352) 793-6910
P. O. Box 1482
Webster, FL 33597

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

Billy "Tiny" Rutter, Vice Chairman
Dist. 3, (352) 748-4220
P.O. Box 37
Coleman, FL 33521-0037

Karen S. Krauss, Dist. 4
(352) 793-0259 or 793-7704
309 Center Street
Bushnell, FL 33513

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

Bernard Dew, County Administrator
(352) 793-0200
209 North Florida Street
Bushnell, FL 33513

SUMTER COUNTY RESOLUTION

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF SUMTER COUNTY, FLORIDA, CERTIFYING A FISCAL HARDSHIP JUSTIFYING A WAIVER OR REDUCTION IN FEES BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICTS AND AUTHORIZING COUNTY ADMINISTRATOR BERNARD DEW TO APPLY FOR SUCH WAIVERS AND EXEMPTIONS PURSUANT TO SENATE BILL 1780.

WHEREAS, Sumter County has been at the 10 mil ad valorem limit for several years, and

WHEREAS, the Board has been required to pay various permit fees to Florida Department of Environmental Protection (DEP) and Southwest Florida Water Management District (SWFWMD), which permit fees have presented a fiscal hardship to the Board, and

WHEREAS, the Florida Legislature adopted Senate Bill 1780 which provides for exemptions and waivers of such permit fees to qualified counties and cities, and Sumter County qualifies under Section 1, subsection (4) and possibly other subsections.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Sumter County, Florida, as follows:

1. Sumter County does hereby certify that the cost of permit processing fees from DEP and SWFWMD is a fiscal hardship due to the fact that Sumter County has been at the 10 mil ad valorem cap for the past several years.

2. County Administrator Bernard Dew is hereby authorized to formally apply for waivers and exemptions from such permit processing fees.

2. A copy of this resolution shall be spread among the minutes of this Board and shall be furnished to the DEP, SWFWMD

and such other appropriate authorities and agencies as needed.

DONE and RESOLVED at Bushnell, Sumter County, Florida, this 24th day of May, 1994.

ATTEST: SARA H. MASON
Clerk of Circuit Court

BOARD OF COUNTY COMMISSIONERS
OF SUMTER COUNTY, FLORIDA

BOARD OF COUNTY COMMISSIONERS · SUMTER COUNTY BUSHNELL, FL · SEAL

By: Jan Kirkpatrick
Deputy Clerk

Jim Allen
Jim Allen - Chair

Solid Waste Section
Permitting Application

PROJECT INFORMATION

Site Name: Sumter Co. Volume Reduction Facility

Site #: 126940

Address: _____

County/Code: Sumter / 60

Project Name: Composting Facility

Type: SO Subtype: MM Description: Reporting dates

Fee Received: 0 Correct ~~XX~~ Incorrect ( )

SMALL CO. WAIVER

Needed/Refund $_____

Fee Checked By: _____ Date: 6/15/98

RELATED PARTY INFORMATION

Role: Applicant

Name: Carey Breeden

Address: _____

Company: _____

File ON

City: _____ State: FL Zip: _____

Phone: _____ Fax: _____

Processor: PELZ

22926

P. O. Box 1066
Bushnell, Fl 33513
(352) 793-3368
(352) 568- 0166 Fax

Sumter County Solid Waste

RECEIVED
JUN 11 1998
Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

Department of Environmental Protection
Attention: Susan J. Pelz, P.E.
Solid Waste Division
3804 Coconut Palm Dr.
Tampa, Fl. 33619-8318

6/15

June 10, 1998

RE: Annual Fire Inspection, Finish Building

Dear Ms. Pelz:

Enclosed, please find our annual Fire Inspection Report on the new finish building, which is due June 15, 1998.

Sincerely,

Terry Hurst

Asst. Solid Waste Director

Firesafety / prevention Inspection Form.

Permit# 34673 Date 6-10-98

Business Finishing Building St Ref.
Address PO Box 1066 Bushnell Fl 33513 Phone 793-3368
Name Of Business Sumter CO. Land Fill
Type Of Business Land Fill Type Of Buisness
Emergency Phone 1. 2. 3.
Building Owner: Sumter Co Board of Comms Address 209 N. Florida St Bushnell Fl 33513
Occupants Name: Cindy Address
Hydrant Location: None Flow Gpm
Fire District: Lake Panasoffkee Have They Done Prefire Plans? no Sprinklered? no Standpipes? no
Fire Dept Connection: n/a Spare Sprinklers? no P.I.V. no Fire Alarm? no
Annunciator Panel: Fire Extinguishers: 1 (ABC) CO2 Other.
Exposures: North South East West Distance Feet.

ELECTRICAL.

Above/(Below Ground) Location West Exterior Meter 5/A Removable: Yes/(No)
Main Shut Off: Same Shunt Trip Switch. Yes/(No) Electrical Room: no
Main Amperes: 200 Emer Gen: Yes/No. Emergency Lighting: Yes/(No) Heating/AC.-Type
Water Heater: none Elect/Gas.

BUILDING CONSTRUCTION.

Walls Exterior: Masonary. (Frame.) (Metal) Other.
Walls Interior: Masonary. Frame/Wood. Metal. Other. Open
Floors: (Masonary) Frame/Wood. Carpets. Tile. Other.
Ceilings: Suspended . Gypsum. . Plaster. . Lay In Tile. . Other.
Roof: Built-Up. . Gypsum-Deck. . Steel Deck. . Asphalt Shingles. . Wood Shingles. .
Tile. . Metal. ✓. Frame Joists. . Steel Bar Joists. . Other.
Attic Acess: n/a . Fire-Rated Seperation Between Designated Areas. **Attic**. Yes/(No.)
Why? n/a
Sky Lights: n/a .Ladders Needed? n/a .Emer.Shut-Offs. n/a

Venting Use If needed. Yes/(No.) Elevators Shafts? . Protected ? .
Stairs ?. Loc. n/a . Conceald Air-Spaces ? . Exits: .
Location n/a . Fire Walls: Yes/(No.)
Hazards: n/a

.L.P.G.

Tank Loc. None .Above/Below Ground ?. Gas Company: .
No. Tanks. . Capacity. Gals. Type Equip Using Gas. .

**********All Smoke-Heat Detectors Must Have Primary/Secondary Power source.**********

This report notes the conditions or operations that favor or cause fire,or that may aid in the spread of fire or otherwise make the building unsafe. Also noted are recommendations for their correction: Final Fire Inspection Requested 5-29-98. On 6-10-98 0945am This inspected was done, with no code violations noted. This structure being Open on all sides, allows no requirements for Lighted Exit signs, Emergency Lighting, Smoke alarms. This Facility has been given a passed Rating.

Date Inspection: 6-10-98 . Inspector: James Branam .
Time: 0945am .I have read the above Deficiencies, Violations, Recommendations, and understand all of the above. I will correct the situations as soon as possable.
Signed By : Terry Hurst .
Owner/Manager/Occupant.

BEST AVAILABLE COPY

ENTAL PROTECTION

6/3/97

To: Francine Joyal
TAL – Solid Waste
MS 4565

From: Susan Pelz
Tampa

Sumter Co. permits & documentation for your files.

Permits: 126940-002-SC Finishing Bldg
126941-001-SO MRF
126940-001-SO Composting Operation

Record Drawings dated 4/2/98 – Finishing Bldg (7 sheets)
Drawings dated 8/4/97 – (5 sheets)
Drawings dated 8/29/97 and 10/24/97 (8 sheets)
1 bound document

ction

Virginia B. Wetherell
Secretary

IFICATION
4060C00092
126940-001-SO
ue: 05/29/1998
Date: 05/01/2003
umter
8°44'30"
2°05'20"
e: 15/20S/22E
Sumter County
Composting Facility

Chapter 403, Florida
e(s) 62-3, 62-4, 62-25,
2-709, F.A.C. The above
rm the work or operate
roved drawing(s), plans
le with the Department
ibed as follows:

(approximately 100 tons
lid Waste Management
c and general conditions
recycling, located 1
ide of C.R. 470, north
ific conditions attached

8996 and 126940-002-SC

This permit contains compliance items summarized in **Attachment 1** that shall be complied with and 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 dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Garry Breeden, Director
Sumter County Public Works Dept.
319 E. Anderson Ave.
Bushnell, Fl. 33513

June 2, 1998

RE: Sumter County Finishing Building
Permit No.: 126940-002-SC, Sumter County
Certification of Construction Completion-Completeness Inspection

Dear Mr. Breeden:

On May 21, 1998, an inspection of the above-referenced facility relative to construction completion and adherence to the permit issued by the Florida Department of Environmental Protection (FDEP) was made by Terry Hurst(Sumter County), David Springstead (Springstead Engineering), and Susan Pelz and Steve Morgan (FDEP).

Certification of Construction Completion dated April 2, 1998 (received April 8, 1998), and Record Drawings Sheets 1 through 7 of 7 (received June 1, 1998), have been received by the Department. Based on the information submitted, and the site inspection, the Department approves operations of the above referenced facility in accordance with Operations Permit No. **126940-001-SO**.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Robert Butera, P.E., FDEP Tampa

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

TO: *Department of Environmental Protection*
3804 Coconut Palm Drive
Tampa, FL 33619

RECEIVED
JUN 0 1 1998
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

Date: *May 29, 1998* Job No.: *921100.005*

Attention: *Ms. Susan J. Pelz, P.E.*

RE: *Sumter Co. Solid Waste Composting Facility Finishing Building*

GENTLEMEN:

WE ARE SENDING YOU _ Enclosed _ under separate cover via_____ the following items:

_ Shop Drawings _ Prints _ Plans _ Samples _ Specifications _ Facsimile

_ Copy of Letter _ Change Order _ _____

Copies	Date	No.	Description
1			***COPY** of* Certification of Construction Completion
1			*As-Builts Composting Finishing Building - signed & sealed dated 5/28/98 by David W. Springstead, P.E.* *(as requested in Site Inspection Report dated 5/26/98)* *Sheet 1 - Cover Sheet* *Sheet 2 - Site Plan* *Sheet 3 - Floor Plan* *Sheet 4 - Foundation Plan* *Sheet 5 - Elevations* *Sheet 6 - Elevations* *Sheet 7 - Electrical Plan*

THESE ARE TRANSMITTED as checked below:

_ For Approval _ Approved as submitted _ Approved for payment

_ For your use _ Approved as noted _ Resubmit ___ copies for approval

_ As Requested _ Returned for corrections

_ For Review and Comment _ _____

_ Material and/or prints returned after loan to us

REMARKS

COPY TO:
Garry Breeden
Denise Reynolds

SIGNED:_____
David W. Springstead, P.E.

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

DEP Form # 62-701.900(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994

DEP Application No. _____
(Filled by DEP)

COPY

Certification of Construction Completion of a Solid Waste Management Facility

RECEIVED
JUN 0 1 1998
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

DEP Construction Permit No: 129640-002-SC County: Sumter

Name of Project: Sumter County Compost Facility - Finishing Building

Name of Owner: Sumter County Board of County Commissioners

Name of Engineer: Springstead Engineering, Inc.

Type of Project: Construction of covered composting building and screen area

Cost: Estimate $ 229,500 Actual $ 229,500

Site Design: Quantity: 100 ton/day Site Acreage: 120 Acres

Deviations from Plans and Application Approved by DEP: Construction of the slab in the add-on portion not completed beneath the digester due to ongoing operation of the digester. This is scheduled to be completed by mid April. Footings in add-on portion of building changed to monolithic pour. Cut-out made in top of push wall to accomodate new screen. No other changes.

Address and Telephone No. of Site: 835 CR 529, Sumterville, Florida 33585
(352) 793-3368

Name(s) of Site Supervisor: Terry Hurst

Date Site inspection is requested: April 14, 1998

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

Permit No.: 126940-002-SC Dated: December 30, 1997

Date: April 2, 1998 _____ FL RG 48229
Signature of Professional Engineer

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
904-444-8360

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

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

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

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

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

RB CB

Department of Environmental Protection

'98 MAY 28 AM 10

RECEIVED
JUN 0 1 1998
Department of Environmental Protection
SOUTHWEST DISTRICT

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

SITE INSPECTION REPORT

OWNER/OPERATOR: Sumter County Public Works Dept.
MAILING ADDRESS: 319 E. Anderson Ave.
Bushnell, Fl. 33513

NAME OF SITE: Sumter Co. Solid Waste Composting Facility
SITE ADDRESS: 835 County Road 529
CITY: Sumterville, Fl. 33585

INSPECTION DATE: May 21, 1998

PERMIT NO: 129640-002-SC

REASON FOR VISIT:

- COMPLIANCE INSPECTION _____.
- PERMITTING INSPECTION __X__.
- COMPLAINT INVESTIGATION _____.

PERSONS PRESENT: Susan Pelz, Steve Morgan (FDEP); Terry Hurst (Sumter Co.); David Springstead (Springstead Engineering)

SUMMARY REPORT:

The purpose of this inspection was to certify the construction of the finishing building as required by Specific Condition #5 of the above referenced permit. We also conducted a compliance inspection (see separate report). The finishing building appears to be substantially compete. The trommel and associated conveyors have not been installed (the trommel is currently in use on the outside composting pads). The floor appears to be sloped toward the center as designed (evidenced by a small quantity of ponded water). The building is a metal, pre-engineered building with clear span trusses and no walls. During our inspection, the digester was not operating due to bearing repairs. The truck loading area appears flat, consequently, the operations require that spillage will be cleaned up immediately. The stormwater pond and associated grading, north-northwest of the finishing building has not been completed.

RECOMMENDATIONS:

The owner/operator must submit the following information to complete the Certification of Construction requirements of Specific Condition #5 of permit number 126940-002-SC:

1. Submit complete as-built drawings which show the elevations (grades) of the concrete slab in the digester discharge area, and dimensions of the cut out for the compost conveyor.

The above information should be submitted **immediately.**

FDEP REPRESENTATIVE: _____ 5/26/98
Susan J. Pelz, P.E. Solid Waste Section — Date Mailed to Facility

cc: David Springstead, P.E., 727 S. 14th St., Leesburg, Fl. 34748

Memorandum

Florida Department of Environmental Protection

PERMIT COVER MEMO

TO: x RICK GARRITY, **Director of District Management**

FROM/THROUGH:

William Kutash, **ENVIRONMENTAL ADMINISTRATOR**
Robert Butera, P.E. 5/27 **SUPERVISOR**
Susan Pelz, P.E. 5/27, **ENGINEER**

DATE: May 27, 1998

FILE NAME: Sumter County Composting **PERMIT #:**126940-001-SO
PROGRAM : Solid Waste **COUNTY :** Sumter

TYPE OF PERMIT ACTION: **X ISSUE** **DENY** **MODIFY**
TRANSFER OWNER **NOD**
PUBLIC NOTICE **INTENT TO ISSUE**

PUBLIC NOTICE PERIOD CLOSED? _____ **PETITION FILED?** _____

PERMIT SUMMARY: This permit is to continue operation of a solid waste composting facility. This facility has been upgrading and modifying the facility operation and design for the past few years. The current system includes a materials recovery facility which removes recyclables prior to the feedstock entering a digester unit. The digester system includes a biofilter and wet scrubber for air pollution and odor control. After exiting the digester unit, the compost is screened to remove large debris (e.g. plastic) and the "unders" are placed in windrows in the new finishing building. After 20 days of turning and curing, the finished product is screened again, and tested. The modifications to the facility are expected to produce a higher quality of compost, and reduce the potential for discharges of waste or leachate to the environment. The existing leachate surface impoundment system will be abandoned.

PROFESSIONAL RECOMMENDATION: **X APPROVE** **DENY**

EVALUATION SUMMARY: The applicant has provided sufficient information to demonstrate compliance with Department Rules.

Application received - August 4, 1997.
Application complete - March 6, 1998.
Department processing time - 168 days (to 5-27-98).
Total processing time - 297 days (to 5-27-98).

DAY 90/30 FOR THIS ACTION IS: ASAP - by MAY 29, 1998.
(Day 90= 6-3-98)

Is your RETURN ADDRESS completed on the reverse side?

SENDER: Permit # 126940-001-SO

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

SUMTER COUNTY PUBLIC WORKS
MR. GARRY BREEDEN, DIRECTOR
319 E. ANDERSON AVENUE
BUSHNELL, FL 33513

4a. Article Number
Hand Delivery

4b. Service Type

☐ Registered ☐ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*

X Jerry Brust

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 29, 1998

NOTICE OF PERMIT

Sumter County Public Works Department
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

RE: Permit No. **126940-001-SO**, Sumter County
Sumter County Composting Facility

Dear Mr. Breeden:

Attached is permit number **126940-001-SO,** 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, 2600 Blair Stone Road, Tallahassee, 32399-2400, 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;

(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.

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 Rule 62-103.070, 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, 2600 Blair Stone Road, Tallahassee, 32399-2400; 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.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

RDG/sjp
Copies w/Attachment to:
Sumter County Board of County Commissioners
David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Douglas Beason, OGC Tallahassee
Francine Joyal, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa
Danielle Nichols, FDEP Tampa (Permit Notebook)

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 May 29, 1998 (date stamp) to the listed persons.

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.

Anna Black
Clerk

May 29, 1998
Date

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE
Sumter County Public Works Dept.
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

PERMIT/CERTIFICATION
GMS ID No: 4060C00092
Permit No: **126940-001-SO**
Date of Issue: **05/29/1998**
Expiration Date: **05/01/2003**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County
Composting Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **operate** a solid waste Composting Facility (approximately 100 tons per day), referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **operation** of:

1. Composting Facility

Replaces Permit Numbers: SO60-211179, SC60-298996 and 126940-002-SC

This permit contains compliance items summarized in **Attachment 1** that shall be complied with and 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 dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

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 403.861, 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), F.S., 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 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.

GENERAL CONDITIONS:

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.

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 Statues after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

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

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.

GENERAL CONDITIONS:

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

(a) All reports or information required by the Department shall be certified as being true, accurate and complete.

(b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.

1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.

(d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

GENERAL CONDITIONS:

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.

2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.

3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.

2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for **operation** of the composting facility (finishing building and digester) and related facilities in accordance with the reports, plans and other information, submitted by **Springstead Engineering, Inc.,** as follows:

a. Request for Additional Information Composting Facility Expansion- Digester, dated February 17, 1997 (received February 18, 1997);

b. Bedminster Digester System Operation and Maintenance Manual, dated January 13, 1997 (received February 24, 1997);

c. Plan Sheets titled, Sumter County Solid Waste Management Facility MSW Compost Digester, signed and sealed December 24, 1996, including the following revised sheets:

1) Sheet 5 of 5 received February 18, 1997;
2) Sheet SUM EL01 received February 18, 1997;

d. Request for Additional Information Composting Facility Expansion- Digester, dated April 14, 1997(including drawings which have not been subsequently revised);

e. Additional information dated May 6, 1997 (received May 7, 1997);

f. Record Drawings Sheets 1, 2, 3, 4, and 5 of 5, received August 14, 1997;

g. Certification of Construction Completion dated October 29, 1997 (received October 30, 1997) including Record Drawings received October 30, 1997:

1) Digester Location Plan, Sheet 2 of 6
2) SUM-EL01 Digester Plan and Elevation
3) SUM-BF01 Biofilter General Arrangement, and
4) SUM-BF02 Biofilter Plan and Sections;

SPECIFIC CONDITIONS:

(Specific Condition #2., cont'd)

h. Application to Renew Operating Permits for Sumter County Recycling, Processing and Composting Facility, dated August 1, 1997 (received August 4, 1997);

i. Request for Additional Information, Composting Facility Operation Renewal/Expansion,... dated October 1, 1997 (received October 2, 1997);

j. Contract Documents for the Construction of the Sumter County Finishing Building, dated September 11, 1997 (received October 27, 1997);

k. Request for Additional Information Composting Facility Expansion..., dated October 24, 1997 (received October 27, 1997);

l. Sumter County Solid Waste Facility Operations Manual, dated December 1997 (received January 9, 1998);

m. Request for Additional Information, Composting Facility Operation Renewal,... dated January 9, 1998 (received January 9, 1998);

n. Additional information (concerning financial assurance) dated March 5, 1998 (received March 6, 1998);

o. Plan Sheets titled, Sumter County Composting, Processing and Recycling Facility- Compost Finishing Building, (7 sheets) dated August 29, 1997 (received September 3, 1997), including the following revised sheets dated October 24, 1997 (received October 27, 1997):

1) Sheet 3 of 7, Floor Plan,
2) Sheet 4 of 7, Foundation Plan,
3) Sheet 5 of 7, Elevations,
4) Sheet 6 of 7, Elevations, and
5) Sheet 7 of 7, Electrical Plan;

p. Sheet 2 of 3, "Site Plan," dated October 24, 1997 (received October 27, 1997);

SPECIFIC CONDITIONS:

(Specific Condition #2., cont'd)

q. Plan Sheets signed and sealed August 4, 1997 (received August 4, 1997) as follows:

1) Sheet 1 of 1, "Overall Site Plan," dated August 4, 1997;
2) Record Drawing, Sheet 2 of 5, "Proposed Materials Recovery Building Floor Plan," dated August 4, 1997;
3) Sheet 3 of 5, "Composting Site Plan;"
4) Sheet 4 of 5, "Zoning Map;"
5) Aerial Photograph dated 2-1-97.

r. and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.**

a. This permit is valid for the operation of the finishing building, digester and related appurtenances (e.g. biofilter and scrubber).

b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.

c. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. 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 a substantial modification.

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

SPECIFIC CONDITIONS:

5. **Certification of Construction Completeness. No later than thirty (30) days** after the completion of construction, and prior to operation of finishing building, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to:

1) As-built details of the finishing building such as the floor slopes (leachate collection system);
2) Processing equipment installation (if applicable);
3) Piping, electrical, and fire suppression systems;
4) Building eave heights, clearances and floor elevations;
5) Other details as necessary.

c. A final survey shall be provided which demonstrates that the as-built floor elevations, grades and wall heights were constructed in accordance with the Department-approved plans.

d. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

6. **Prohibitions.** The prohibitions of 62-701.300, F.A.C., shall not be violated.

7. **Facility Operation Requirements.**

a. Material shall not be processed in the finishing building systems prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

b. The permittee shall operate this facility in accordance with Chapter 62-709, F.A.C.; the information and drawings as listed in Specific Condition #2 above; and any other applicable requirements.

c. Waste or leachate shall not be stored in the "lined emergency storage cell."

SPECIFIC CONDITIONS:

(Specific Condition #7., cont'd)

d. The finishing building floor shall be sloped to the center as shown on Sheet 3 of 7, Floor Plan, dated October 24, 1997. In the event that liquids accumulate on the floor, the liquids shall be removed by the end of the working day. These liquids may be placed back on the compost piles, may be removed for offsite disposal, or may be disposed of in another appropriate manner.

e. Litter shall be collected at least once daily.

f. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall be removed to an appropriate off-site disposal facility.

g. In order to minimize the potential for explosions and fires, explosive items (e.g. fireworks, ammunition, some aerosol cans) shall be removed from the waste stream prior to processing in the digester unit.

h. All processed and unprocessed waste materials and compost additives shall be unloaded inside the building or into trucks or containers on paved areas. Spillage inside the building from the loading, unloading or sampling activities may be cleaned up at the end of each business day. Spillage in the digester discharge area shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations).

i. Leakage of fuels, oil, grease, other lubricants or fluids, from the digester equipment which is discharged to soils outside the building, or leachate collection system, shall be cleaned up **immediately** upon discovery (prior to continuing with other facility operations) and stored in a covered container for off-site disposal.

j. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

k. Materials shall remain a minimum of 72 hours in the digester unit, unless the permittee demonstrates that a reduced time period does not adversely affect effectiveness of the composting process. The permittee may request Department approval of temporary reductions in the residence time for experimental purposes.

SPECIFIC CONDITIONS:

(Specific Condition #7., cont'd)

l. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. (ref. Specific Condition #2.d., page 4) These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

m. All compost additives (e.g. biosolids, domestic waste residuals/sludge, animal manure, urea, lime, etc.) shall be stored in covered containers or under roof in areas with leachate collection. Additives shall not be stored for greater than **ninety (90) days**. Additives shall be managed and stored in a manner which sufficiently controls odors or vectors.

n. The number, size, location and orientation of the windrows in the finishing building shall be such that the movement of the turning equipment is not impaired.

o. Final screening of compost material shall be conducted inside the main finishing building or "lean to" portion of the building.

p. Finished compost materials shall be sampled and analyzed in accordance with Rule 62-709.530, F.A.C. Finished compost for which test results have not been received, shall be stored separate from other materials (e.g. unfinished compost, residuals, etc.) until the test results are received. Finished compost which is classified Types A, B and C may be stored outside the building after the test results are received.

q. The outside asphalt pads shall not be used for composting without prior Department approval. The pads may be used for storage of Type A compost.

8. **Scrubber and Biofilter.**

a. A copy of a permit issued by the Department's Air Resources Section, or documentation that no permit is required, for the digester system shall be submitted to the Solid Waste Section within 30 days of receipt.

b. At a minimum, the biofilter media shall be regenerated or replaced, **annually, by June 15th each year**, unless the permittee provides documentation to the Department which demonstrates that the biofilter efficiency has not significantly decreased for the previous year.

SPECIFIC CONDITIONS:

(Specific Condition #8., cont'd)

c. The temperature of the air flow to the biofilter, the back pressure to the biofilter, and the biofilter bed depth shall be monitored to evaluate the efficiency of the unit.

d. Liquids which discharge from the scrubber shall be recirculated into the digester system, discharged to the leachate management system at the site, or removed for off-site disposal at a permitted wastewater treatment facility.

e. Liquids which discharge from the scrubber shall be sampled and analyzed to adequately demonstrate that the liquids are not a hazardous waste, and to monitor the effectiveness of the scrubber unit. The quality of the air flow to the scrubber and out of the scrubber shall be monitored to allow for the evaluation of the effectiveness of the scrubber unit.

f. The 3000 gallon "mixing basin" (digester make-up water holding tank) shall be emptied each day the digester is loaded. (ref. Specific Condition #2.h., Section 3, page 2 and Specific Condition #2.i, page 5)

9. **Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, information listed in Specific Condition #2. above, Operation and Maintenance Manual, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

b. The Operations Plan shall be reviewed, and all changes, **or** a statement indicating that no changes have occurred, shall be submitted to the Department **annually, by March 15th** each year.

10. **Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows in the finishing building, the quantity of finished compost produced, and the length of time required to finish the compost.

SPECIFIC CONDITIONS:

(Specific Condition #10., cont'd)

d. The following information shall be recorded daily, compiled **monthly**, and submitted to the Department **quarterly**:

1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester. This information may be based on the average daily quantity for each month.

2) The total quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.

3) Moisture content and temperature of each compartment of the digester unit.

4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department **quarterly:**

1) Analytical results for:
   a) Scrubber discharge water;
   b) Scrubber air discharge; and
   c) Finished compost.
2) Average residence time for material in the digester each month.
3) Quantity of finished compost.

f. Reporting required by Specific Conditions #10.d and e., above, shall be in accordance with the following schedule:

1) Activity from June 1st through August 31st, report due September 15th;
2) Activity from September 1st through November 30th, report due December 15th;
3) Activity from December 1st through February 28th, report due March 15th; and
4) Activity from March 1st through May 31st, report due June 15th.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #10.f. above.

SPECIFIC CONDITIONS:

11. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

12. **Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odors and vectors. All washdown water shall be contained within the building(s) or leachate management system. Except for the center sump of the finishing building, floors shall be free of standing liquids. Materials in the finishing building (in-process, finished, in windrows, etc.) shall not be located in ponded water.

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system or finishing building at any time.

c. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease **within 120 days** of issuance of this permit.

d. The "lean-to" portion of the finishing building shall be constructed and operated to prevent the accumulation of liquids in the digester discharge area. Liquids which accumulate in this area, and have contacted waste, shall be managed as leachate.

13. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

14. **Financial Assurance.** Since the digester system is an integral part of the materials recovery facility (MRF) located at the site, the owner or operator shall provide financial assurance for this solid waste management facility, pursuant to Rules 62-4.110, and 62-701.700, F.A.C. The costs for loading, transportation and disposal of the maximum quantity of feedstock which may be at the facility at any time must be included with the financial assurance cost estimates for the MRF. All costs for closure and proof that the financial mechanism has been funded adequately shall be submitted **annually** shall be submitted in accordance with **Permit Number 126941-001-SO, Specific Condition #13,** or its successors.

SPECIFIC CONDITIONS:

15. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. 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 (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

16. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, the permittee shall **immediately (within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs:

1) Damage to any portion of the site facilities;
2) Failure of any portion of the associated systems;
3) Emergency incidents such as fires or explosions;
4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. Written detailed notification, including a plan for corrective actions, shall be submitted to the Department **within seven (7) days** following the occurrence.

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

18. **Fire Safety.**

a. **Annually,** the permittee shall arrange for a fire safety inspection by the local fire protection authorities. The inspection shall be conducted no later than **June 15th** each year. The fire safety inspection report, which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities, shall be maintained at the facility for five years, and copies shall be provided to the Department upon request.

SPECIFIC CONDITIONS:

(Specific Condition #18, cont'd)

b. In the event that deficiencies are noted, **within 30 days** of completion, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.

19. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications 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.

20. **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.

21. **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 and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

22. **Regulations.** Chapter 62-709, F.A.C. (effective 12-17-96), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration (November 2, 2002)	Permit Renewal Application
5.a., 5.b., 5.c.	Within 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by June 15th each year	Regenerate biofilter media
9.b.	Annually, by March 15th each year	Revised Operations Plan
10.d., 10.e., 10.f.	Quarterly, by September 15th, December 15th, March 15th, and June 15th	Waste quantity reports, analytical results
12.c.	Within 120 days of permit issuance	Cease use of leachate impoundments
13.	180 days prior to date of final material acceptance	Closure notification
14.	Annually	Revised financial assurance cost estimates, proof that financial mechanism is adequately funded
16.b. 16.c.	Within 24 hours, Within 7 days, of occurrence	Notification of failure of systems Written notification & description of corrective actions
18.a.	Annually, by June 15th	Fire safety survey/inspection completed
18.b.	Within 30 days of completion	Documentation of approved completion of fire safety corrective actions

T
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A Solid Waste Management Consultants, Inc.

FACSIMILE MEMORANDUM

FAX NO: (813) 265-8140

TO: Susan Pelz
Department of Environmental Protection

FAX NO: 744-6125

FROM: Allison Searcy

DATE: May 27, 1998

SUBJ: Transmittal of Comments Re: Sumter County Permits
TIA Project No. 06-06.00

TOTAL NUMBER OF PAGES (INCLUDING COVER PAGE): 2

In addition to the comments sent to you by David Springstead today concerning Sumter County's solid waste permits, I am providing you with some additional comments on the permits that were identified by the County but not included in David's memo. The County appreciates your review and consideration of both sets of comments and the revision of the permits as appropriate.

Composting Facility-Finishing Building Permit

- Record Keeping and Reporting, Item D2 (Page 14): For the Department's information, the quantities of make-up water, leachate, recirculated liquids, or other liquids that are added to the digester are not recorded separately. Therefore, the total liquids entering the system will be reported as a cumulative total for all of these liquids.

Materials Recovery Facility Permit

- Facility Operation Requirements, Item E (Page 9): Since recovered materials from the sorting line are stored in containers in an area with leachate collection, the County does not currently unload materials stored in hoppers at the shut down of the sorting line operation.

IF YOU DO NOT RECEIVE THIS TRANSMISSION CLEARLY, PLEASE CALL (813) 264-7240

10012 N. Dale Mabry Highway, Suite 223, Tampa, Florida 33618
Telephone 813-264-7240 • Fax 813-265-8140

printed on recycled paper

May-27-98 09:49A TIA Solid Waste 813-265-8140 P.01

Additionally, the County does not bale all materials recovered from the sorting line in the large baler (i.e., aluminum and steel cans.) Therefore, the County is asking the Department to delete this requirement.

- Waste Records, Item A (Page 11): The County tracks the amount of materials received at the facility in tons only. Therefore, the County is requesting that the Department delete the requirement to record the information in cubic yards.

Thank you again for your consideration of both sets of comments. Please feel free to call me with any questions at 264-7240. Thank you.

AS/

xc: Garry Breeden, Sumter County Public Works
Terry Hurst, Sumter County Public Works
David Springstead, Springstead Engineering, Inc.

IF YOU DO NOT RECEIVE THIS TRANSMISSION CLEARLY, PLEASE CALL (813) 264-7240

May-27-98 09:50A TIA Solid Waste 813-265-8140 P.02

SPRINGSTEAD ENGINEERING, INC.
727 South 14th Street
Leesburg, Florida 34748
(352) 787-1414 Phone
(352) 787-1414 Fax

Engineers • Architects
Planners • Surveyors

FAX MEMORANDUM

DATE: May 27, 1998

TO: Susan J. Pelz, P.E. (813) 744-6125
Department of Environmental Protection

FROM: David W. Springstead, P.E.
Springstead Engineering, Inc.

No. of Pages Transmitted 2 (excluding cover page)

Susan:

The following are comments relative to the permit items and draft permit specific conditions which you provided to us on May 21, 1998.

1. The county wants the three permits reviewed to expire at the same time independently of the previously issued Waste Tire Permit. This will allow 5 full years of permit time.

2. The financial assurance for materials recovery is in place at the bank. The county is waiting for the bank to issue the letter of credit at this time. This letter will be forwarded to the proper persons upon receipt.

Composting Facility - Finishing Building

3. S.C. 7p & 7q The county prefers that we be allowed to place finished compost on the outside pad while waiting for compost classification test results to be received. The basis of this request is that the county has not produced a compost lower than Class C at the facility and since the installation of the digester has consistently produced a class A compost. The likelihood of producing a compost lower than a class C at this time is extremely low. Whether the material is stored under roof or outside during the period waiting for test results has not made a difference thus far at the facility because the compost has always been classifled as distributable.

   At a minimum, we request that the all acceptable classes of compost (Class A, B & C) be allowed outside storage.

4. S.C. 10d 1 Is the Departments intent that daily information for the items requested be provided? During previous discussions concerning this information, I recall that the Department wanted an "average" daily quantity of these materials which were input to be reported monthly.

5. S.C. 12c The time frame allowed for use of the leachate surface impoundments is not enough to complete the composting and cleaning process. We request that we allowed 60 days to complete the composting operation on the outside pads and an additional 60 days to remove the water in the impoundments and clean the pads and impoundments.

6. Attachment 1 Please note the change in time frame for the first item.
Please review and give me a call if you have any questions.

Materials Recovery Permit

7. S.C. 7e We request that the first sentence to be changed to " All residuals from recycling shall be stored in containers or in areas with leachate collection." Both of these will prevent leachate from being released.

8. S.C. 11c See item 3 above.

Thank you for your consideration in these items. I will call you later today to get your comments.

If you have a problem receiving this fax, please call Joy at (352) 787-1414.

(a:\SEI17.FAX-May 27, 1998)

RB CB

proj. 22926

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

SITE INSPECTION REPORT

OWNER/OPERATOR: Sumter County Public Works Dept.
MAILING ADDRESS: 319 E. Anderson Ave.
Bushnell, Fl. 33513

NAME OF SITE: Sumter Co. Solid Waste Composting Facility
SITE ADDRESS: 835 County Road 529
CITY: Sumterville, Fl. 33585

INSPECTION DATE: May 21, 1998

PERMIT NO: 126940 ~~129640~~-002-SC

REASON FOR VISIT:

- COMPLIANCE INSPECTION _____.
- PERMITTING INSPECTION __X__.
- COMPLAINT INVESTIGATION _____.

PERSONS PRESENT: Susan Pelz, Steve Morgan (FDEP); Terry Hurst (Sumter Co.); David Springstead (Springstead Engineering)

SUMMARY REPORT:

The purpose of this inspection was to certify the construction of the finishing building as required by Specific Condition #5 of the above referenced permit. We also conducted a compliance inspection (see separate report). The finishing building appears to be substantially compete. The trommel and associated conveyors have not been installed (the trommel is currently in use on the outside composting pads). The floor appears to be sloped toward the center as designed (evidenced by a small quantity of ponded water). The building is a metal, pre-engineered building with clear span trusses and no walls. During our inspection, the digester was not operating due to bearing repairs. The truck loading area appears flat, consequently, the operations require that spillage will be cleaned up immediately. The stormwater pond and associated grading, north-northwest of the finishing building has not been completed.

RECOMMENDATIONS:

The owner/operator must submit the following information to complete the Certification of Construction requirements of Specific Condition #5 of permit number 126940-002-SC:

1. Submit complete as-built drawings which show the elevations (grades) of the concrete slab in the digester discharge area, and dimensions of the cut out for the compost conveyor.

The above information should be submitted **immediately.**

FDEP REPRESENTATIVE: _____
Susan J. Pelz, P.E. Solid Waste Section

5/26/98
Date Mailed to Facility

cc: David Springstead, P.E., 727 S. 14th St., Leesburg, Fl. 34748

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

RECEIVED
APR 08 1998
D E P

April 2, 1998

Ms Susan J. Pelz, P.E.
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Request to Modify Construction Permit to Allow Operation of Facility
Sumter County Solid Waste Facility
Compost Finishing Building
DEP Permit No. 126940-002-SC

Dear Ms. Pelz:

Sumter County is requesting to modify the above referenced construction permit to allow operation of the constructed facility. Attached is the "Certification of Construction Completion" form, three sets of certified as-built plans and the small county fee waiver letter.

As described in the certification, a small portion of the slab beneath the discharge end of the digester has not yet been constructed. This is scheduled to be completed by April 17, 1998. The remainder of the facility was constructed in accordance with the permitted plans, with minor deviations as described in the certification.

We hope that this information meets your needs at this time. Please contact me if you have any questions or require additional information.

Very truly yours,
Springstead Engineering, Inc.

David W. Springstead, P.E.
Florida Registration No. 48229

Attachments

cc: Garry Breeden
Terry Hurst
Allison Searcy
Denise Reynolds

(a:\cfbcop.doc)

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

DEP Form # 62-701.900(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994
DEP Application No. _____ (Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

RECEIVED
APR 08 1998
DEP

DEP Construction Permit No: 129640-002-SC County: Sumter

Name of Project: Sumter County Compost Facility - Finishing Building

Name of Owner: Sumter County Board of County Commissioners

Name of Engineer: Springstead Engineering, Inc.

Type of Project: Construction of covered composting building and screen area

Cost: Estimate $ 229,500 Actual $ 229,500

Site Design: Quantity: 100 ton/day Site Acreage: 120 Acres

Deviations from Plans and Application Approved by DEP: Construction of the slab in the add-on portion not completed beneath the digester due to ongoing operation of the digester. This is scheduled to be completed by mid April. Footings in add-on portion of building changed to monolithic pour. Cut-out made in top of push wall to accomodate new screen. No other changes.

Address and Telephone No. of Site: 835 CR 529, Sumterville, Florida 33585
(352) 793-3368

Name(s) of Site Supervisor: Terry Hurst

Date Site inspection is requested: April 14, 1998

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

Permit No.: 126940-002-SC Dated: December 30, 1997

Date: April 2, 1998

DAVID M. SPRINGSTEAD P.E. CERTIFICATE NO. 48229 STATE OF FLORIDA PROFESSIONAL ENGINEER

Signature of Professional Engineer FL REG 48229

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
904-444-8360

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

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

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

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

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

Sumter County Government

Board of Sumter County Commissioners
209 North Florida Street, Bushnell, Florida, 33513 Room 206 **Telephone** (352) 793-0200 **SUNCOM** 665-0200 **FAX** (352) 793-0207

April 3, 1998

Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

Re: Request to modify construction permit to allow operation of facility
Sumter County Solid Waste Compost Finishing Facility Building

Dear Sir:

In compliance with Chapter 94-278, Florida Statutes, relating to permit fees for small counties, you will find attached herewith a resolution duly adopted by the Board of Sumter County Commissioners in open session.

I certify that the attached resolution specifically applies to the project listed above and request that the provisions of the statute be used to calculate the appropriate permit fee.

Please contact me at the telephone number of letterhead address if you need additional information or clarification of this request.

Very truly yours,

OFFICE OF COUNTY ADMINISTRATOR

BY Bernard Dew
BERNARD DEW
COUNTY ADMINISTRATOR

BD:th

Enclosure

Benny G. Strickland, Chairman
Distr. 1 (352) 748-3110 or 748-2060
9451 CR 125-C
Wildwood, FL 34785

Joey A. Chandler, Dist. 2
(352) 568-8184
P. O. Box 530
Lake Panasoffkee, FL 33538

Robin Cox, Dist. 5
(352) 793-6910
P. O. Box 1482
Webster, FL 33597

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

Billy "Tiny" Rutter, Vice Chairman
Dist. 3, (352) 748-4220
P.O. Box 37
Coleman, FL 33521-0037

Karen S. Krauss, Dist. 4
(352) 793-0259 or 793-7704
309 Center Street
Bushnell, FL 33513

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

Bernard Dew, County Administrator
(352) 793-0200
209 North Florida Street
Bushnell, FL 33513

SUMTER COUNTY RESOLUTION

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF SUMTER COUNTY, FLORIDA, CERTIFYING A FISCAL HARDSHIP JUSTIFYING A WAIVER OR REDUCTION IN FEES BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICTS AND AUTHORIZING COUNTY ADMINISTRATOR BERNARD DEW TO APPLY FOR SUCH WAIVERS AND EXEMPTIONS PURSUANT TO SENATE BILL 1780.

WHEREAS, Sumter County has been at the 10 mil ad valorem limit for several years, and

WHEREAS, the Board has been required to pay various permit fees to Florida Department of Environmental Protection (DEP) and Southwest Florida Water Management District (SWFWMD), which permit fees have presented a fiscal hardship to the Board, and

WHEREAS, the Florida Legislature adopted Senate Bill 1780 which provides for exemptions and waivers of such permit fees to qualified counties and cities, and Sumter County qualifies under Section 1, subsection (4) and possibly other subsections.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Sumter County, Florida, as follows:

1. Sumter County does hereby certify that the cost of permit processing fees from DEP and SWFWMD is a fiscal hardship due to the fact that Sumter County has been at the 10 mil ad valorem cap for the past several years.

2. County Administrator Bernard Dew is hereby authorized to formally apply for waivers and exemptions from such permit processing fees.

2. A copy of this resolution shall be spread among the minutes of this Board and shall be furnished to the DEP, SWFWMD

and such other appropriate authorities and agencies as needed.

DONE and RESOLVED at Bushnell, Sumter County, Florida, this 24th day of May, 1994.

ATTEST: SARA H. MASON
Clerk of Circuit Court

BOARD OF COUNTY COMMISSIONERS
OF SUMTER COUNTY, FLORIDA

BOARD OF COUNTY COMMISSIONERS • SUMTER COUNTY BUSHNELL, FL • SEAL

By: Jan Kirkpatrick
Deputy Clerk

Jim Allen
Jim Allen - Chair

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

RECEIVED
MAR 0 6 1998
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

March 5, 1998

Ms. Susan J. Pelz, P.E.
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Response to Request for Additional Information
Sumter County Composting Facility Operation Renewal
Pending Permit Nos. 126940-001-SO (Composting)
126941-001-SO (MRF)

Dear Ms. Pelz:

Please find below the responses to the questions presented in your letter of February 5, 1998.

1. Financial Assurance. The cost estimates submitted January 9 and February 4, 1998 are not approved.

a. Please provide the financial assurance cost estimates which include the loading, transportation and disposal of the maximum quantity of each processed and unprocessed material, residuals and unauthorized wastes which may be at the site at any time. Please be advised that the Department does not consider the "recycle value" of any materials for the purpose of financial assurance.

a. The cost estimate presented represents the cost for disposal of all wastes which may be at the facility at any time. The costs have been modified to remove any cost associated with recovered materials. An effort has been expended to remove the recovered materials from the waste stream in order to: 1) provide a source for recycle materials, 2) recover any value from the recyclables and 3) reduce the volume of waste to be sent to a disposal facility. The recovered materials have a market value associated with them and disposal of these materials as solid waste is unsound environmental practice. FAC 62-701.630(3)(b) states that "closing costs (for financial assurance) shall be based on the characteristic of the wastes disposed of at the site..." FAC 62-701.200(92) presents the definition of recovered materials and states "...Recovered materials as described above are not solid waste."

Based on the stated rules, all costs associated with recovered materials have been removed from the cost estimate table. All material in any phase of processing has been included as a cost in the table. For the purposes of complying with financial

assurance, materials are not considered recovered until the recovered materials are baled and stored.

b. The assumed densities (October 1, 1998) for the Class III, C&D, mixed paper and yard waste do not appear reasonable. Please specify the reference for these assumed densities.

b. The densities of these materials were determined from measurements made of materials being transported from the Sumter County Facility. Mixed paper has been removed from the chart because it is a recovered material.

c. Please include the "Miscellaneous Materials" (January 9, 1998) in the financial assurance cost estimates. If these materials are not included in the financial cost estimates, these materials will not be permitted to be stored at the site.

c. The financial assurance cost estimate has been modified to include the items identified as miscellaneous materials including, appliances (not white goods), automotive parts, electronics, lawnmowers, and empty paint cans. These miscellaneous items are grouped together in one line item on the cost table. Propane tanks have been excluded as they are collected by a private company and white goods have not been included as they are included in their own line item.

We hope that the information provided meets your needs at the present time. If you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,
Springstead Engineering, Inc.

3/5/98

David W. Springstead, P.E.
Florida Registration No. 48229

Attachment

cc: Garry Breeden - Sumter County
Terry Hurst - Sumter County
Allison Searcy - TIA
Denise Reynolds - Sumter County

BEST AVAILABLE COPY

COST FOR REMOVAL OF ALL RECYCLED MATERIALS PER 62-701.700(4)

		QUANTITY TO BE REMOVED							LOADING & HAULING	DISPOSAL/ REMOVAL
PROCESSABLES										
	ALUMINUM CANS	RECOVERED MATERIAL								
	STEEL CANS	RECOVERED MATERIAL								
	PLASTIC BOTTLES	RECOVERED MATERIAL								
	FILM PLASTIC	50 BALES @	900	LB/BALE	22.5	TONS @	$12.35	TON/LOAD	$278	$1,012.50
	OCC	RECOVERED MATERIAL								
	MIXED PAPER	RECOVERED MATERIAL								
	GLASS CONTAINERS	RECOVERED MATERIAL								
	TEXTILES	40 YD3 @	0.25	TON/YD	10	TONS @	$12.35	TON/LOAD	$124	$450.00
RESIDUALS										
	RESIDUALS FROM RECYCLING	75 YD3 @	0.2	TON/YD	15	TONS @	$12.35	TON/LOAD	$185	$675.00
	RESIDUALS FROM COMPOST	100 YD3 @	0.17	TON/YD	17	TONS @	$12.35	TON/LOAD	$210	$765.00
NON-PROCESSABLES										
	OTHER FERROUS METALS	40 YD3 @	0.1	TON/YD	4	TONS @	$12.35	TON/LOAD	$49	$180.00
	SCRAP ALUMINUM	RECOVERED MATERIAL								
	OTHER NON-FERROUS METAL	10 YD3 @	0.1	TON/YD	1	TONS @	$12.35	TON/LOAD	$12	$45.00
SPECIAL WASTES										
	CLASS III MATERIAL	100 YD3 @			100	YDS @	$2.50	YD	$250	$250.00
	C&D MATERIALS	100 YD3 @	0.3	TON/YD	30	TONS @	$12.35	TON/LOAD	$371	$510.00
	LEAD-ACID BATTERIES**	100			LUMP SUM - LOAD/HAUL/DISPOSE				$600	$0.00
	TIRES*	1000			LUMP SUM - LOAD/HAUL/DISPOSE				$750	$0.00
	USED OIL	RECOVERED MATERIAL								
	WHITE GOODS	RECOVERED MATERIAL								
	YARD WASTE	100 YD3 @	0.075	TON/YD	7.5	TONS @	$45.00	TON/LOAD	$338	$127.50
	MISCELLANEOUS MATERIALS	20 YD3 @	0.25	TON/YD	25	TONS @	$45.00	TON/LOAD	$1,125	$425.00
									$4,291	$4,440

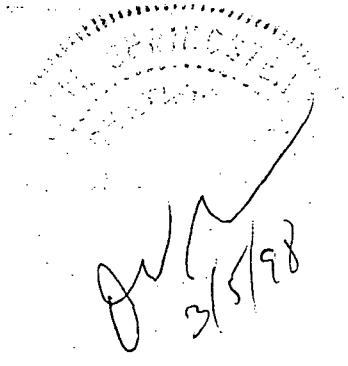
TOTAL COST FOR REMOVAL & DISPOSAL OF RECYCLED MATERIALS $8,731

* COST FROM EXISTING VENDOR TO LOAD, HAUL & DISPOSE

** VERBAL QUOTE FROM TOWN & COUNTRY, LEESBURG, TO LOAD, HAUL & DISPOSE

COST FOR LOADING, REMOVAL & DISPOSAL OF TIPPED MATERIALS $26,145

TOTAL COST FOR REMOVAL & DISPOSAL OF MATERIALS $34,876



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 E. Anderson Ave.
Bushnell, FL 33513

February 5, 1998

RE: Composting Facility Operation Renewal
Pending Permit Nos. 126940-001-SO, Composting
126941-001-SO, MRF
(Please note that due to Department data management systems modifications, the permit number designations have changed.)

Dear Mr. Breeden:

This is to acknowledge receipt of the additional information, prepared by Springstead Engineering, submitted in support of your permit applications originally dated August 1, 1997 (received August 4, 1997), to continue operation of the existing solid waste composting and materials recovery facilities, referred to as the Sumter County Solid Waste Management Facility. Additional information was received January 9, 1998 and February 4, 1998.

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

Your applications for permits are incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

1. Financial Assurance. The cost estimates submitted January 9 and February 4, 1998 are **not approved**.

a. Please provide financial assurance cost estimates which include the loading, transportation and disposal of the maximum quantity for each processed and unprocessed material, residuals and unauthorized wastes which may be at the site at any time. Please be advised that the Department does not consider the "recycle value" of any materials for the purposes of financial assurance.

b. The assumed densities (October 1, 1997) for the Class III, C&D, mixed paper and yard waste do not appear reasonable. Please specify the reference for these assumed densities..

c. Please include the "Miscellaneous Materials" (January 9, 1998) in the financial assurance cost estimates. If these materials are not included in the financial assurance cost estimates, these materials will not be permitted to be stored at the site.

The following comment is for information only, at this time, and does not require an immediate response:

1. Please be reminded that the financial assurance cost estimates and funding must be approved prïor to issuance of the pending permits. In the event that the estimates and funding are not approved in a timely manner, the Department may deny the pending permit applications.

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

You are requested to submit **three copies** of your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St. Leesburg, FL 34748
Mitch Kessler, TIA, 100212 N. Dale Mabry #223, Tampa, Fl. 33618
Fred Wick, FDEP Tallahassee
RB Robert Butera, P.E., FDEP, Tampa

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

D.E.P.
JAN - 9 1998
SOUTHWEST DISTRICT
TAMPA

TO: *Department of Environmental Protection*
3804 Coconut Palm Drive
Tampa, FL 33619

Date: *January 8, 1998* Job No.: *921100.008*

Attention: *Ms Susan Pelz*

RE: *Composting Facility Operation Renewal; Composting - MRF*

GENTLEMEN:

WE ARE SENDING YOU xx Enclosed _ under separate cover via_____ the following items:

_ Shop Drawings _ Prints _ Plans _ Samples _ Specifications _ Facsimile

_ Copy of Letter _ Change Order _ _____

Copies	Date	No.	Description
3			*REQUEST FOR ADDITIONAL INFORMATION* *COMPOSTING FACILITY OPERATION RENEWAL* *PENDING PERMITS NOS 126940-001-SO, COMPOSTING; 126941-001-S0, MRF*
3			*SUMTER COUNTY SOLID WASTE FACILITY OPERATIONS MANUAL*

THESE ARE TRANSMITTED as checked below:

_ For Approval _ Approved as submitted _ Approved for payment

_ For your use _ Approved as noted _ Resubmit ___ copies for approval

_ As Requested _ Returned for corrections

_ For Review and Comment _ _____

_ Material and/or prints returned after loan to us

REMARKS

COPY TO:
Garry Breeden-Sumter County
Denise Reynolds-Sumter County
Terry Hurst-Sumter County
Mitch Kessler-TIA

SIGNED:_____
David W. Springstead, P.E.

1 15 '98

Sumter - backend of the digester! :)

Grading for new bldg

AA

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: X RICK GARRITY, DDM
X WILLIAM KUTASH, ENV. ADM.
___ OGC, ATTN: _____

FROM/THROUGH:

_____, ENVIRONMENNTAL ADMINISTRATOR
_____, PROGRAM SUPERVISOR
Robert Butera PE RB 12/29/97, SECTION SUPERVISOR
Susan Pelz, PE SP 12/29/97, ENG, ENV SPEC, GEOLOGIST

DATE: 12/29/97

FILE NAME: Sumter Co Finishing Bldg PERMIT [redacted] #: 126940-002-SC
PROGRAM: Solid Waste COUNTY: Sumter

TYPE OF PERMIT ACTION: X ISSUE ____DENY ____MODIFY
____TRANSFER OWNER ____NOD ____INTENT ____PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED? YES
PETITION? NO RELEASED BY OGC? _____
As of 12/29/97 11:12A - checked LCT

PERMIT SUMMARY: This permit allows construction of a building for composting solid waste

PROFESSIONAL RECOMMENDATION: X APPROVE _____DENY

EVALUATION SUMMARY: I accommend issuance based on information submitted & recent site visits.

Appl. complete	10-27-97
Intent / sent	12-3-97 day 38
proof of pub. rec'd	12-11-97
Active on	12-25-97 day 39

DAY 90/30 FOR THIS ACTION IS ASAP

Z 142 061 208

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to Mr. Garry Breeden, Director Sumter Co. Public Works Dept.	
Street and No. 319 E. Anderson Ave.	
P.O., State and ZIP Code Bushnell, FL 33513	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 12/30/97	

PS Form 3800, March 1993

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Garry Breeden, Director
Sumter Co. Public Works Dept.
319 E. Anderson Ave
Bushnell, FL
33513

4a. Article Number

Z 142 061 208

4b. Service Type

☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery

12/31/97

5. Signature (Addressee)

Becky Akins

6. Signature (Agent)

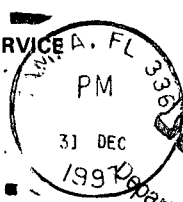
8. Addressee's Address (Only if requested and fee is paid)

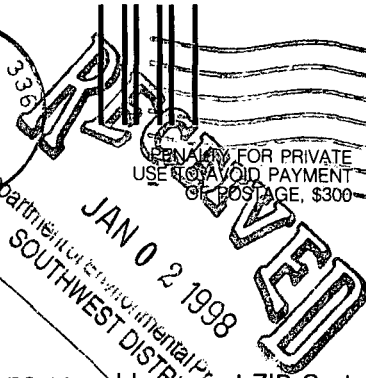
PS Form **3811**, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE

Official Business





Print your name, address and ZIP Code here

State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

December 30, 1997

NOTICE OF PERMIT

Sumter County Public Works Department
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Fl. 33513

RE: Sumter County Solid Waste Management Facility-
Solid Waste Finishing Building
Permit No.: **126940-002-SC**, Sumter County

Dear Mr. Breeden:

Enclosed is Permit Number **126940-002-SC**, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Any party to the Order (permit) 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, 2600 Blair Stone Road, Tallahassee, 32399-2400; 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.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

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 DEC 30 1997 to the listed persons.

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.

Patti Zagrodzinski — DEC 30 1997
Clerk — Date

RDG/sjp
Attachment
Copies furnished to:
Elected Officials Notification List
Sumter County Board of County Commissioners
David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513
Mitch Kessler, TIA, 10012 N. Dale Mabry, Suite #223, Tampa, Fl. 33618
Douglas Beason, OGC Tallahassee
Francine Joyal, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa
Danielle Nichols, FDEP Tampa (Permit Notebook)

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE
Sumter County Public Works Dept.
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

PERMIT/CERTIFICATION
GMS ID No: 4060C00092
Permit No: **126940-002-SC**
Date of Issue: December 30, 1997
Expiration Date: **06/01/2001**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County Composting Facility-Finishing Building

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **construct** an expansion to the existing Composting Facility, referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **construction** of:

1. Composting Facility - Finishing Building

Replaces applicable conditions of Permit Number: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and 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 dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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 403.861, 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), F.S., 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 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.

GENERAL CONDITIONS:

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.

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 Statues after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

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

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.

GENERAL CONDITIONS:

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

(a) All reports or information required by the Department shall be certified as being true, accurate and complete.

(b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.

1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.

(d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

GENERAL CONDITIONS:

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.

2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.

3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.

2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for **construction of the finishing building** and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Application to Renew Operating Permits for Sumter County Recycling, Processing and Composting Facility..., dated August 1, 1997 (received August 4, 1997);

b. Request for Additional Information, Composting Facility Operation Renewal/Expansion..., dated October 1, 1997 (received October 2, 1997);

c. Request for Additional Information Composting Facility Expansion..., dated October 24, 1997 (received October 27, 1997);

d. Contract Documents for the Construction of the Sumter County Finishing Building, dated September 11, 1997 (received October 27, 1997);

e. Plan Sheets titled, Sumter County Composting, Processing and Recycling Facility- Compost Finishing Building, (7 sheets) dated August 29, 1997 (received September 3, 1997), including the following revised sheets dated October 24, 1997 (received October 27, 1997):

1) Sheet 3 of 7, Floor Plan,
2) Sheet 4 of 7, Foundation Plan,
3) Sheet 5 of 7, Elevations,
4) Sheet 6 of 7, Elevations, and
5) Sheet 7 of 7, Electrical Plan;

f. Sheet 2 of 3, Site Plan, dated October 24, 1997 (received October 27, 1997);

g. and in accordance with all applicable requirements of Department rules.

SPECIFIC CONDITIONS:

3. **Permit Modifications.**

a. This permit is valid for the construction of the finishing building and related appurtenances. This permit does not authorize the operation of this system. Upon completion of construction of the facility, the permittee shall request a minor modification to this permit or the composting site operation permit to allow the operation of this facility. This minor modification request may be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.

b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.

c. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of 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 a substantial modification.

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

5. **Certification of Construction Completeness. No later than thirty (30) days** after the completion of construction, and prior to operation of finishing building, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to:

1) As-built details of the finishing building such as the floor slopes (leachate collection system);

2) Processing equipment installation (if applicable);

3) Piping, electrical, and fire suppression systems;

4) Building eave heights, clearances and floor elevations;

SPECIFIC CONDITIONS:

(Specific Condition #5.b., cont'd)
5) Other details as necessary.

c. A final survey shall be provided which demonstrates that the as-built floor elevations, grades and wall heights were constructed in accordance with the Department-approved plans.

d. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

6. **Prohibitions.** The prohibitions of 62-701.300, F.A.C., shall not be violated.

7. **Facility Operation Requirements.**
a. Material shall not be processed in the finishing building systems prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

b. The finishing building floor shall be sloped to the center as shown on Sheet 3 of 7, Floor Plan, dated October 24, 1997. In the event that liquids accumulate on the floor, the liquids shall be removed by the end of the working day. These liquids may be placed back on the compost piles, may be removed for offsite disposal, or may be disposed of in another appropriate manner.

c. Litter shall be collected at least once daily.

d. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall be removed to an appropriate off-site disposal facility.

e. Spillage in the digester discharge area shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations). The "lean-to" portion of the building shall be constructed and operated to prevent the accumulation of liquids in the digester discharge area. Liquids which accumulate in this area, and have contacted waste, shall be managed as leachate.

f. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

g. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

SPECIFIC CONDITIONS:

(Specific Condition #7., cont'd)

h. Final screening of compost material shall be conducted inside the main finishing building or "lean to" portion of the building.

i. Finished compost materials shall be sampled and analyzed in accordance with 62-709.530, F.A.C. Finished compost for which test results have not been received, shall be stored separate from other materials (e.g. unfinished compost, residuals, etc.) until the test results are received. Finished compost which is classified Type A may be stored outside the building after the test results are received.

j. The outside asphalt pads shall not be used for composting without prior Department approval. The pads may be used for storage of Type A compost.

8. **Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, information listed in Specific Condition #2. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

b. The Operations Plan shall be reviewed, and all changes, **or** a statement indicating that no changes have occurred, shall be submitted to the Department **annually, by March 15th** each year.

9. **Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows in the finishing building, the quantity of finished compost produced, and the length of time required to finish the compost.

d. The following information shall be recorded daily, compiled monthly, and submitted to the Department **quarterly:**

1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester.

2) The quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.

SPECIFIC CONDITIONS:

(Specific Condition #9.d., cont'd)

3) Moisture content and temperature of each compartment of the digester unit.

4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department **quarterly:**

1) Analytical results for:
   a) Scrubber discharge water;
   b) Scrubber air discharge; and
   c) Finished compost.

2) Average residence time for material in the digester each month.

3) Quantity of finished compost.

f. Reporting required by Specific Conditions #9.d and e., above, shall be in accordance with the following schedule:

1) Activity from June 1st through August 31st, report due September 15th;

2) Activity from September 1st through November 30th, report due December 15th;

3) Activity from December 1st through February 28th, report due March 15th; and

4) Activity from March 1st through May 31st, report due June 15th.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #9.f. above.

10. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

11. **Drainage Requirements.**

a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building or leachate management system. Floors shall be free of standing liquids.

SPECIFIC CONDITIONS:

(Specific Condition #11., cont'd)

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system at any time.

c. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease **no later than December 31, 1998.**

12. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

13. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. 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 (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

14. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, the permittee shall **immediately (within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs:

1) Damage to any portion of the site facilities;
2) Failure of any portion of the associated systems;
3) Emergency incidents such as fires or explosions;
4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

15. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

SPECIFIC CONDITIONS:

16. **Fire Safety.**
a. **Annually,** the permittee shall arrange for a fire safety inspection to be completed **no later than June 15th,** which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities. The report of the Fire Safety Inspection shall be maintained at the facility, and copies provided to the Department upon request.

b. In the event that deficiencies are noted, **within 30 days of completion**, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.

17. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications 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.

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

19. **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 and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

20. **Regulations.** Chapter 62-709, F.A.C. (effective 12-17-96), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

for Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration (January 1, 2001)	Permit Renewal Application
5.a., 5.b., 5.c.	Within 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by March 15th each year	Revised Operations Plan
9.d., 9.e., 9.f.	Quarterly, by September 15th, December 15th, March 15th, and June 15th	Waste quantity reports, analytical results
11.d.	December 31, 1998	Cease use of leachate impoundments
12.	180 days prior to date of final material acceptance	Closure notification
14.b.	Within 24 hours, Within 7 days, of occurrence	Notification of failure of systems Written notification & description of corrective actions
16.a.	Annually, by June 15th	Fire safety survey/inspection completed
16.b.	Within 30 days of completion	Documentation of approved completion of fire safety corrective actions

SUMTER COUNTY PUBLIC WORKS
319 EAST ANDERSON STREET
BUSHNELL, FL 33513
352/793-0240 352/793-0247 Fax

GARRY BREEDEN, Director
TOMMY HURST, Assistant Director

Date: September 16, 1997

To: Department of Environmental Protection
Attn: Susan Pelz

RECEIVED
DEC 23 1997
DEP

From: Denise Reynolds

Subject: Proof of Publication
126940-002-SC, Sumter County

On December 11, 1997, a copy of 6451211SCT Public Notice was faxed to your attention to satisfy the seven (7) day proof of publication requirement.

As stated on the fax, I am now forwarding the original proof of publication from the Sumter County Times.

Proof Of Publication

from the

SUMTER COUNTY TIMES

Bushnell, Sumter County, Florida

PUBLISHED WEEKLY

STATE OF FLORIDA
COUNTY OF SUMTER

Before the undersigned authority personally appeared FELICIA H.SATCHELL of the Sumter County Times, a newspaper published weekly on Thursday at Bushnell in Sumter County, Florida, that the attached copy of advertisement being a public notice in the matter of the

PROPOSED AGENCY ACTION ON PERMIT

APPLICATION 126940-002-SC

Court, was published in said newspaper in the issues of

DECEMBER 11,1997

Affiant further says that the Sumter County Times is a newspaper published at Bushnell in said Sumter County, Florida, and that the said newspaper has heretofore been continuously published in Sumter County, Florida, each week and has been entered as second class mail matter at the post office in Bushnell in said Sumter County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Felicia H Satchell

The forgoing instrument was acknowledged before me this 11th day of DEC 19 97

by FELICIA H.SATCHELL

who is personally known to me and who did take an oath.

Jeanette A Schmidt

Notary Public

Jeanette A Schmidt
Notary Public, State of Florida
Commission No. CC 669909
My Commission Exp. 08/16/2001
1-800-3-NOTARY - Fla. Notary Service & Bonding Co.

6451211 SCT
PUBLIC NOTICE
State of Florida
Department of Environmental Protection
Notice of Proposed Agency Action on Permit Application

The Department gives notice of its intent to issue a permit to Sumter County Public Works Department, Mr. Garry Breeden, Director, who applied on October 17, 1997, to the Department of Environmental Protection for a permit to construct an expansion (finishing building) to a solid waste composting facility, at the Sumter County Solid Waste Management Facility, located 1 mile east of Interstate 75, on County Road 470, north of Bushnell, Sumter County, Florida.

DEP FILE NUMBER: 126940-002-SC, Sumter County

Persons whose substantial interests are affected by the Department's proposed permitting decision 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 Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under 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; and

(f) A statement of which rules or statutes petitioner contends require 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, Florida Statutes, 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 62-103.155 F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Published one (1) time in the Sumter County Times: Thursday, December 11, 1997.

Sumter County Public Works
319 East Anderson Avenue
Bushnell, FL 33513
352/793-0240 352/793-0247 Fax

GARRY BREEDEN, Director
TOMMY HURST, Assistant Director

FAX MEMORANDUM

Date: December 11, 1997

To: Department of Environmental Protection
Attn: Susan Pelz

Fax No.: (813) 744-6125

From: Denise Reynolds

Re: Notice of Publication
126940-002-SC, Sumter County

Original proof of publication
will follow as soon as received

645121.1.SCI
PUBLIC NOTICE
State of Florida
Department of Environmental Protection
Notice of Proposed Agency Action on Permit Application

The Department gives notice of its intent to issue a permit to Sumter County Public Works Department, Mr. Garry Breeden, Director, who applied on October 17, 1997, to the Department of Environmental Protection for a permit to construct an expansion (lateral) to a solid waste composting facility, at the Sumter County Solid Waste Management Facility, located 1 mile east of Interstate 75, on County Road 470, north of Bushnell, Sumter County, Florida.

DEP FILE NUMBER: 126940-002-SC, Sumter County

Persons whose substantial interests are affected by the Department's proposed permitting decision 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 Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under 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; and

(f) A statement of which rules or statutes petitioner contends require 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, Florida Statutes, 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 62-103.155 F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Published one (1) time in the Sumter County Times Thursday, December 11, 1997.

Memorandum

Flori Department of
Environmental Protection

PERMIT COVER MEMO

TO: X RICK GARRITY, DDM
X WILLIAM KUTASH, ENV. ADM.
___ OGC, ATTN: _____

FROM/THROUGH:

_____, ENVIRONMENNTAL ADMINISTRATOR
_____, PROGRAM SUPERVISOR
Robert Butera PE 12-2-97, SECTION SUPERVISOR
Susan Pelz, PE 12/2/97, ENG, ENV SPEC, GEOLOGIST

DATE: 12/2/97

FILE NAME: Sumter Co Finishing Bldg PERMIT [redacted] #: 126940-002-SC
PROGRAM: Solid Waste COUNTY: Sumter

TYPE OF PERMIT ACTION: X ISSUE ____ DENY ____ MODIFY
____ TRANSFER OWNER ____ NOD X INTENT ____ PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED? _____
PETITION? _____ RELEASED BY OGC? _____

PERMIT SUMMARY: This permit allows construction of A composting finishing bldg (100 x 175)

PROFESSIONAL RECOMMENDATION: X APPROVE _____ DENY

EVALUATION SUMMARY: I recommend issuance based on information submitted & recent site visits. This bldg is the last stage of a total facility upgrade.

App. complete 10-27-97
Sent Intent 12-3-97 day 38
Rec'd proof 12-11-97
Active on 12-25-97 day 39

DAY 90/30 FOR THIS ACTION IS ASAP

P 520 310 270

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail *(See reverse)*

Sent to Sumter County	
Street & Number Larry Breeden	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 12-3-97	

PS Form **3800**, April 1995

Intent to Issue #1260940-002-SC

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

SUMTER COUNTY
PUBLIC WORKS DEPARTMENT
MR. GARRY BREEDEN, DIRECTOR
319 E. ANDERSON AVENUE
BUSHNELL, FL 33513

4a. Article Number

P 520 310 270

4b. Service Type

☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

12-4-97

5. Received By: *(Print Name)*

6. Signature: *(Addressee or Agent)*

X

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811,** December 1994

Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

● Print your name, address, and ZIP Code in this box ●

State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

RECEIVED
DEC 05 1997
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

Susan Pelz, Solid Waste

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DEC - 3 1997

In the matter of an
Application for Permit by: DEP File No. 126940-002-SC,
Sumter County

Sumter County Public Works Department
Mr. Garry Breeden, Director
319 E. Anderson Ave
Bushnell, Florida 33513

INTENT TO ISSUE

The Department of Environmental Protection hereby gives notice of its Intent to Issue a construction permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Sumter County Public Works Department, Mr. Garry Breeden, Director, applied on October 17, 1997, to the Department of Environmental Protection for a permit to construct an expansion (finishing building) to a solid waste composting facility referred to as the Sumter County Solid Waste Management Facility, located on County Road 470, 1 mile east of Interstate 75, north of Bushnell, Sumter County, Florida.

The Department has permitting jurisdiction under 403.707 and 403.861, Florida Statutes, and Rules 62-4, 62-701, and 62-709 Florida Administrative Code (F.A.C.). The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

The Department intends to issue this permit based on its belief that reasonable assurances have been provided to indicate that the proposed project will not adversely impact water quality and the proposed project will comply with appropriate provisions of Chapters 62-3, 62-4, 62-330, 62-550, 62-701, and 62-709 F.A.C., subject to the specific conditions attached in the permit.

Pursuant to Section 403.815, Florida Statutes and FDEP Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on Permit Application. The notice must be published one time only within thirty (30) days of receipt of this intent in the legal ad section of a newspaper of general circulation in the area affected. Proof of publication must be provided to the Department within seven (7) days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless petition for administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, Florida Statutes. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes. 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 filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any other person must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must 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 (or a request for mediation, as discussed below) 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 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must 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 the 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 the petitioner, if any;

(e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement identifying the rules or statutes that 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 that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

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 of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any person may elect to pursue mediation by reaching a mediation agreement with all parties to the proceeding (which include the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

(a) The names, addresses, and telephone numbers of any persons who may attend the mediation;

(b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;

(c) The agreed allocation of the costs and fees associated with the mediation;

(d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;

(e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;

(f) The name of each party's representative who shall have authority to settle or recommend settlement; and

(g) Either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference.

(h) The signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice of intent. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that

the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

RDG/sjp
Attachment
Copies furnished to:
Elected Officials Notification List
Sumter County Board of County Commissioners
David Springstead, P.E., Springstead Engineering, 727 S. 14th St., Leesburg, Fl. 34748
Terry Hurst, Sumter County, PO Box 1066, Bushnell, Fl. 33513
Mitch Kessler, TIA, 10012 N. Dale Mabry, Ste. 223, Tampa, Fl. 33618
Douglas Beason, OGC Tallahassee
Fred Wick, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on DEC - 3 1997 to the listed persons.
Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

(Clerk) DEC - 3 1997 (Date)

State of Florida
Department of Environmental Protection
Notice of Proposed Agency Action on Permit Application

The Department gives notice of its intent to issue a permit to Sumter County Public Works Department, Mr. Garry Breeden, Director, who applied on October 17, 1997, to the Department of Environmental Protection for a permit to construct an expansion (finishing building) to a solid waste composting facility, at the Sumter County Solid Waste Management Facility, located 1 mile east of Interstate 75, on County Road 470, north of Bushnell, Sumter County, Florida.

Persons whose substantial interests are affected by the Department's proposed permitting decision 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 Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under 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;

(f) A statement of which rules or statutes petitioner contends require 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.

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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, Florida Statutes, 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 62-103.155, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE
Sumter County Public Works Dept.
Mr. Garry Breeden, Director
319 E. Anderson Ave.
Bushnell, Florida 33513

DRAFT

PERMIT/CERTIFICATION
GMS ID No: 4060C00092
Permit No: **126940-002-SC**
Date of Issue:
Expiration Date: **06/01/2001**
County: Sumter
Lat/Long: 28°44'30"
82°05'20"
Sec/Town/Rge: 15/20S/22E
Project: Sumter County Composting Facility-Finishing Building

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, F.A.C. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **construct** an expansion to the existing Composting Facility, referred to as the Sumter County Solid Waste Management (Composting) Facility, subject to the specific and general conditions attached, for materials recovery, sorting and recycling, located 1 mile east of Interstate 75, along the south side of C.R. 470, north of Bushnell, Sumter County, Florida. The specific conditions attached are for the **construction** of:

1. Composting Facility - Finishing Building

Replaces applicable conditions of Permit Number: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and 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 dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

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 403.861, 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), F.S., 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 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.

GENERAL CONDITIONS: DRAFT

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.

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 Statues after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS: DRAFT

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

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.

GENERAL CONDITIONS: DRAFT

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

(a) All reports or information required by the Department shall be certified as being true, accurate and complete.

(b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.

1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.

(d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

DRAFT

GENERAL CONDITIONS:

17. The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.

2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.

3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.

2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

SPECIFIC CONDITIONS: DRAFT

1. **Facility Designation.** This site shall be classified as a solid waste management facility for composting of solid waste materials and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-3, 62-4, 62-25, 62-330, 62-520, 62-522, 62-550, 62-701, and 62-709, Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for **construction of the finishing building** and related facilities in accordance with the reports, plans and other information, submitted by Springstead Engineering, Inc., as follows:

a. Application to Renew Operating Permits for Sumter County Recycling, Processing and Composting Facility..., dated August 1, 1997 (received August 4, 1997);

b. Request for Additional Information, Composting Facility Operation Renewal/Expansion..., dated October 1, 1997 (received October 2, 1997);

c. Request for Additional Information Composting Facility Expansion..., dated October 24, 1997 (received October 27, 1997);

d. Contract Documents for the Construction of the Sumter County Finishing Building, dated September 11, 1997 (received October 27, 1997);

e. Plan Sheets titled, Sumter County Composting, Processing and Recycling Facility- Compost Finishing Building, (7 sheets) dated August 29, 1997 (received September 3, 1997), including the following revised sheets dated October 24, 1997 (received October 27, 1997):

1) Sheet 3 of 7, Floor Plan,
2) Sheet 4 of 7, Foundation Plan,
3) Sheet 5 of 7, Elevations,
4) Sheet 6 of 7, Elevations, and
5) Sheet 7 of 7, Electrical Plan;

f. Sheet 2 of 3, Site Plan, dated October 24, 1997 (received October 27, 1997);

g. and in accordance with all applicable requirements of Department rules.

SPECIFIC CONDITIONS: DRAFT

3. **Permit Modifications.**

a. This permit is valid for the construction of the finishing building and related appurtenances. This permit does not authorize the operation of this system. Upon completion of construction of the facility, the permittee shall request a minor modification to this permit or the composting site operation permit to allow the operation of this facility. This minor modification request may be submitted as part of the Certification of Construction Completion documentation required by Specific Condition #5 below.

b. This permit does not authorize the management of waste tires, used oil or other special wastes (e.g. white goods, scrap metal) at the site.

c. Any activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of 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 a substantial modification.

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of this Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

5. **Certification of Construction Completeness. No later than thirty (30) days** after the completion of construction, and prior to operation of finishing building, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by the professional engineer of Record, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

b. The owner or operator shall submit Record Drawings of the facility. The Record Drawings shall include, but not be limited to:

1) As-built details of the finishing building such as the floor slopes (leachate collection system);

2) Processing equipment installation (if applicable);

3) Piping, electrical, and fire suppression systems;

4) Building eave heights, clearances and floor elevations;

SPECIFIC CONDITIONS:

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(Specific Condition #5.b., cont'd)
5) Other details as necessary.

c. A final survey shall be provided which demonstrates that the as-built floor elevations, grades and wall heights were constructed in accordance with the Department-approved plans.

d. The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification by the design engineer to the Department.

6. **Prohibitions.** The prohibitions of 62-701.300, F.A.C., shall not be violated.

7. **Facility Operation Requirements.**
a. Material shall not be processed in the finishing building systems prior to submittal of, and Department approval of, the Certification of Construction requirements of Specific Condition #5 above.

b. The finishing building floor shall be sloped to the center as shown on Sheet 3 of 7, Floor Plan, dated October 24, 1997. In the event that liquids accumulate on the floor, the liquids shall be removed by the end of the working day. These liquids may be placed back on the compost piles, may be removed for offsite disposal, or may be disposed of in another appropriate manner.

c. Litter shall be collected at least once daily.

d. In the event of extended downtime (greater than 72 hours) of equipment, or other emergency conditions, additional feedstock materials shall be not be placed in the digester system until equipment is operable or the emergency condition has ceased. The feedstock materials shall be removed to an appropriate off-site disposal facility.

e. Spillage in the digester discharge area shall be cleaned up **immediately** upon completion of the loading, unloading or sampling activity (prior to continuing with other facility operations). The "lean-to" portion of the building shall be constructed and operated to prevent the accumulation of liquids in the digester discharge area. Liquids which accumulate in this area, and have contacted waste, shall be managed as leachate.

f. Dust shall be controlled at the facility to prevent potential fire hazards and nuisances.

g. Composted materials which utilize different feedstocks and additives shall be cured, finished and stored in separate piles. These materials may be mixed or commingled after the finished compost analyses are received and the analyses demonstrate that the piles are the same classification of compost (pursuant to 62-709.550, F.A.C.).

SPECIFIC CONDITIONS:

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(Specific Condition #7., cont'd)

h. Final screening of compost material shall be conducted inside the main finishing building or "lean to" portion of the building.

i. Finished compost materials shall be sampled and analyzed in accordance with 62-709.530, F.A.C. Finished compost for which test results have not been received, shall be stored separate from other materials (e.g. unfinished compost, residuals, etc.) until the test results are received. Finished compost which is classified Type A may be stored outside the building after the test results are received.

j. The outside asphalt pads shall not be used for composting without prior Department approval. The pads may be used for storage of Type A compost.

8. **Operation Plan and Operating Record.**

a. A copy of the Department-approved permit, information listed in Specific Condition #2. above, Operations Plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. These records shall be maintained at the facility for a minimum of five years, or as otherwise requested by the Department.

b. The Operations Plan shall be reviewed, and all changes, **or** a statement indicating that no changes have occurred, shall be submitted to the Department **annually, by March 15th** each year.

9. **Recordkeeping and Reporting.**

a. Unless otherwise specified, all records shall be maintained at the facility and copies provided to the Department upon request.

b. The owner or operator of the composting facility shall record, in tons (and cubic yards) per day, the amount of material input and removed from the digester system.

c. The permittee shall maintain records on the quantity (tons and cubic yards) of material placed in windrows in the finishing building, the quantity of finished compost produced, and the length of time required to finish the compost.

d. The following information shall be recorded daily, compiled monthly, and submitted to the Department **quarterly:**

1) The quantity, in tons (and cubic yards) of each additive and feedstock material which are input into the digester, and the quantity of materials removed from the digester.

2) The quantity (gallons) of make-up water, leachate, recirculated liquids or other liquids added to the digester system.

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SPECIFIC CONDITIONS:

(Specific Condition #9.d., cont'd)

3) Moisture content and temperature of each compartment of the digester unit.

4) Which combination of air pollution control units were utilized, i.e. scrubber, biofilter.

e. The following information shall be submitted to the Department **quarterly:**

1) Analytical results for:
   a) Scrubber discharge water;
   b) Scrubber air discharge; and
   c) Finished compost.

2) Average residence time for material in the digester each month.

3) Quantity of finished compost.

f. Reporting required by Specific Conditions #9.d and e., above, shall be in accordance with the following schedule:

1) Activity from June 1st through August 31st, report due September 15th;

2) Activity from September 1st through November 30th, report due December 15th;

3) Activity from December 1st through February 28th, report due March 15th; and

4) Activity from March 1st through May 31st, report due June 15th.

g. After the first year of operation, the reporting requirements (frequency and/or information required) may be reduced based on the data provided. However, unless specifically authorized otherwise, the permittee shall continue to submit reports on the dates required by Specific Condition #9.f. above.

10. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

11. **Drainage Requirements.**
a. All areas shall be cleaned at the end of each day's operation, at a minimum, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building or leachate management system. Floors shall be free of standing liquids.

SPECIFIC CONDITIONS: DRAFT

(Specific Condition #11., cont'd)

b. Except for discharges to the leachate management system, liquids shall not discharge from the digester system at any time.

c. Use of the existing leachate surface impoundments (or sumps) for the management of leachate shall cease **no later than December 31, 1998.**

12. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close. The facility shall be closed in accordance with 62-709.510(4), F.A.C.

13. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction. 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 (within 24 hours)** corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

14. **Facility Maintenance and Repair.**

a. The site shall be properly maintained including building maintenance, and maintenance of equipment, drainage systems, leachate collection and removal systems, and stormwater systems.

b. Except for minor equipment repairs and maintenance, in the event of the following occurrences, the permittee shall **immediately (within 24 hours)** notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs:

1) Damage to any portion of the site facilities;
2) Failure of any portion of the associated systems;
3) Emergency incidents such as fires or explosions;
4) Extended downtime (greater than 72 hours) for any component of the digester system.

c. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

15. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained to prevent surface water flow into waste processing and storage areas. The stormwater management system shall be operated and maintained in accordance with Chapter 62-330, F.A.C., and any other applicable Department or water management district rules.

DRAFT

SPECIFIC CONDITIONS:

16. **Fire Safety.**
a. **Annually,** the permittee shall arrange for a fire safety inspection to be completed **no later than June 15th,** which includes a statement from the local protection authorities that the site meets the requirements of the local fire protection authorities. The report of the Fire Safety Inspection shall be maintained at the facility, and copies provided to the Department upon request.

b. In the event that deficiencies are noted, **within 30 days of completion**, the permittee shall provide documentation to the Department indicating correction of any deficiencies noted in the annual Fire Safety Survey. The documentation shall include approval of the corrections by the local fire authority.

17. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications 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.

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

19. **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 and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

20. **Regulations.** Chapter 62-709, F.A.C. (effective 12-17-96), and Chapter 62-701, F.A.C. (effective 4-23-97), are incorporated into this permit by reference. The permittee shall comply with all applicable requirements of Department rules.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

DRAFT

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

ATTACHMENT 1

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SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	180 days prior to permit expiration (January 1, 2001)	Permit Renewal Application
5.a., 5.b., 5.c.	Within 30 days of completion of construction	Certification of Construction Completion submitted; Record Drawings submitted
8.b.	Annually, by March 15th each year	Revised Operations Plan
9.d., 9.e., 9.f.	Quarterly, by September 15th, December 15th, March 15th, and June 15th	Waste quantity reports, analytical results
11.d.	December 31, 1998	Cease use of leachate impoundments
12.	180 days prior to date of final material acceptance	Closure notification
14.b.	Within 24 hours, Within 7 days, of occurrence	Notification of failure of systems Written notification & description of corrective actions
16.a.	Annually, by June 15th	Fire safety survey/inspection completed
16.b.	Within 30 days of completion	Documentation of approved completion of fire safety corrective actions

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723
727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

RECEIVED
NOV 24 1997
D E P

rec'd fax 11/20/97
November 20, 1997

Ms. Susan J. Pelz, P.E.
Solid Waste Section
Southwest District
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: COMPOST FACILITY OPERATION RENEWAL
126941-001-SO, MRF
EXTENSION FOR SUBMITTAL OF RAI
SEI FILE NO. 921100.008

Dear Ms. Pelz:

We are requesting an extension of the deadline to submit to your request for additional information (RAI) dated October 28, 1997, received in our office on October 30, 1997.

Based on some of your questions, we have decided to revise and update the operation plan for the above referenced project. The review process through the County will require more time than we currently have to submit this information in response to your RAI. We anticipate that this information will be received in your office by Friday, January 9, 1998.

We hope this information meets your needs at this time. Should you have any questions, please contact our office.

Very truly yours,
Springstead Engineering, Inc.

David W. Springstead, P.E.

DWS/jal

cc: Garry Breeden
Mitch Kessler
Terry Hurst
Denise Reynolds

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

RECEIVED
OCT 30 1997
Department of Environmental Protection
BY SOUTHWEST DISTRICT

October 29, 1997

Ms. Susan J. Pelz, P.E.
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Modification of Construction Permit to Allow Operation
Sumter County Composting Digester
FDEP Permit #SC60-298996

Dear Ms. Pelz:

Springstead Engineering, Inc. (SEI) is requesting on behalf of Sumter County to modify the above referenced construction permit to allow operation of the composting digester.

Record drawings of the plans and details requested are attached along with the certification of construction completion form. In addition, a letter requesting the small county waiver is attached.

Please review the attached information and let me know if you need anything else to modify the permit.

Very truly yours,
Springstead Engineering, Inc.

David W. Springstead, P.E.

DWS/jal

cc: Garry Breeden
Terry Hurst
Allison Searcy
Denise Reynolds

(October 28, 1997 - b:pelz.o28)

Sumter County Government

Board of Sumter County Commissioners
209 North Florida Street, Bushnell, Florida, 33513 Room 206 **Telephone** (352)793-0200 **Suncom** 665-0200 **FAX** (352)793-0207

October 28, 1997

RECEIVED
OCT 30 1997
Department of Environmental Protection
BY SOUTHWEST DISTRICT

Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Request to modify construction permit to allow operation
Sumter County Solid Waste Management Facility
Composting Permit No. SC60-298966

Dear Sir:

In compliance with Chapter 94-278, Florida Statutes, relating to permit fees for small counties, you will find attached herewith a resolution duly adopted by the Board of Sumter County Commissioners in open session.

I certify that the attached resolution specifically applies to the project listed above and request that the provisions of the statute be used to calculate the appropriate permit fee.

Please contact me at the telephone number of letterhead address if you need additional information or clarification of this request.

Very truly yours,

OFFICE OF COUNTY ADMINISTRATOR

BY Bernard Dew
BERNARD DEW
COUNTY ADMINISTRATOR

BD:th

Enclosure

Karen S. Krauss, Chairman
Distr. 4, (352)793-7704
309 Center Street
Bushnell, FL 33513

Joey A. Chandler, Distr. 2
(352)793-9656
143 CR 532 C
Bushnell, FL 33513

Robin Cox
Distr. 5, (352)793-6910
P.O. Box 1482
Webster, FL 33597-1482

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

Benny G. Strickland, Vice Chairman
Distr. 1, (352) 748-3110 or 748-2060
5259 CR 125-C
Wildwood, FL 34785

Billy "Tiny" Rutter, Distr. 3
(352) 748-4220
P. O. Box 37
Coleman, Florida 33521-0037

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

Bernard Dew, County Administrator
(352)793-0200
209 North Florida Street
Bushnell, FL 33513

Florida Department of Environmental Regulation

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

DER Form # 17-701.900(2)
Form Title: Certification of Construction Completion of a Solid Waste Management Facility
Effective Date: January 8, 1993
DER Application No.: (Filled in by DER)

RECEIVED
OCT 30 1997
Department of Environmental Protection
BY SOUTHWEST DISTRICT

Certification of Construction Completion of a Solid Waste Management Facility

DER Construction Permit No: SC60-298996 County: Sumter

Name of Project: Sumter County Composting Facility Digester

Name of Owner: Sumter County Board of County Commissioners

Name of Engineer: Springstead Engineering, Inc.

Type of Project: Construction of solid waste compost digester

Cost: Estimate $ 1,600,000 Actual $ 1,680,000

Site Design: Quantity: 100 ton/day Site Acreage: 120 Acres

Deviations from Plans and Application Approved by DER: See attached.

Address and Telephone No. of Site: 835 CR 529, Sumterville, Florida
(352) 793-3368

Name(s) of Site Supervisor: Terry Hurst

Date Site inspection is requested: As soon as possible

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction Permit No.: SC60-298996 Dated: 10/29/97

DAVID W. SPRINGSTEAD CERTIFICATE NO. 48229 STATE OF FLORIDA PROFESSIONAL ENGINEER

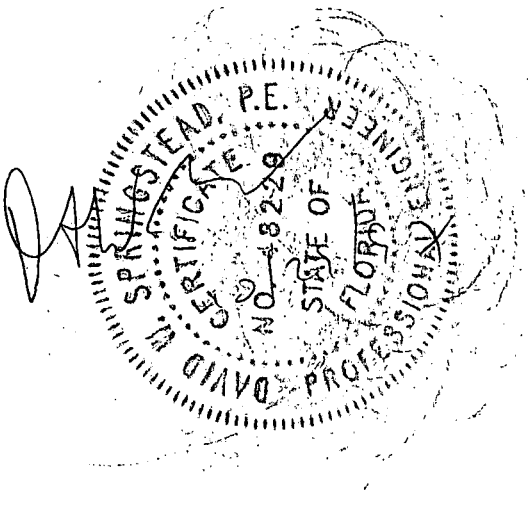
Date: 10/29/97

David W. Springstead, P.E.
Signature of Professional Engineer #48229

REGfiles: 5/94

DEVIATIONS FROM PLANS AND APPLICATION APPROVED BY FDEP

1. Pumping/mixing basin changed from 10,000 gal round to 3,000 gal rectangular tank.
2. Pumping/mixing basin moved to west side of digester pushwall.
3. Pump for mixing basing moved to north end of mixing tank (1 pump instead of 2).
4. The dry sludge storage bin was constructed on the west side of the future digester push wall.
5. The WRA south of the digester is constructed.
6. An air plenum screen to catch any particles in the digester air was constructed as shown.
7. The area beneath the digester discharge area has been excavated to accommodate a temporary conveyor and is temporarily lined with a impermeable geomembrane until construction of the finishing building is complete. A detail is shown on the plan.



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

FAX TRANSMITTAL SHEET

DATE: October 30, 1997

FAXED 351p

TO: Garry Breeden - Sumter County ✓ Fax: 352-793-0247
David Springstead, P.E. - Springstead Engineering ✓ Fax: 352-787-7221
Mitch Kessler - TIA ✓ Fax: 813-265-8140

FROM: Susan Pelz, P.E. Phone: (813) 744-6100 ext 386
Fax: (813)744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET -2-

SUBJECT: Summary of Permitting Activity/Status per your request on October 22, 1997.

Permit Number	Application received	Information Requested	Information Received	Status
SC60-298996 Digester permit	Issued 8-29-97			
Certification of Construction		9-16-97	10-30-97	Pending DEP review
126940-003-SO Request to Modify Permit			10-30-97	Pending DEP review (Upon satisfactory completion of this modification, this permit will be modified to allow operation of the digester.)
126940-001-SO Composting Operation renewal	8-4-97	9-2-97 10-28-97	10-2-97	Awaiting response to 10-28-97 RAI.

Permit Number	Application received	Information Requested	Information Received	Status
126941-001-SO MRF Operation renewal	8-4-97	9-2-97 10-28-97	10-2-97	Awaiting response to 10-28-97 RAI
126940-002-SC Finishing Bldg. construction	10-17-97	10-21-97	10-27-97	Pending complete DEP review.
126848-001-WT Waste Tire Collection Center				Pending signature for issuance- will be issued by 11-8-97
22926-002-SF Landfill Long-Term Care	8-4-97	9-2-97 10-29-97	10-3-97	Awaiting response to 10-29-97 RAI

If you have any questions, you may contact me at the phone number listed above.

WASTE MGT TAMPA SWDIST TEL:813-744-6125 Oct 30 97 16:46

Transmit Confirmation Report

No.	:	010
Receiver	:	813527930247
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Oct 30 97 16:46
Time	:	00'56
Mode	:	Norm
Pages	:	02
Result	:	OK

WASTE MGT TAMPA SWDIST TEL:813-744-6125 Oct 30 97 16:48

Transmit Confirmation Report

No.	:	011
Receiver	:	813527877221
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Oct 30 97 16:48
Time	:	01'13
Mode	:	Norm
Pages	:	02
Result	:	OK

WASTE MGT TAMPA SWDIST TEL:813-744-6125 Oct 30 97 16:50

Transmit Confirmation Report

No.	:	012
Receiver	:	92658140
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Oct 30 97 16:50
Time	:	01'12
Mode	:	Norm
Pages	:	02
Result	:	OK

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 E. Anderson Ave.
Bushnell, FL 33513

October 28, 1997

RE: Composting Facility Operation Renewal
Pending Permit Nos. 126940-001-SO, Composting
126941-001-SO, MRF
(Please note that due to Department data management systems modifications, the permit number designations have changed.)

Dear Mr. Breeden:

This is to acknowledge receipt of the additional information, prepared by Springstead Engineering, submitted in support of your permit applications dated August 1, 1997 (received August 4, 1997), to continue operation of the existing solid waste composting and materials recovery facilities, referred to as the Sumter County Solid Waste Management Facility. The additional information was received October 2, 1997.

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

Your applications for permits are <u>incomplete</u>. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

Materials Recovery Facility [page numbers refer to August 1997 submittal unless otherwise noted]:

1. <u>Page 2</u>.
   a. Please verify the information submitted concerning "special materials." Page 2 (August 1, 1997) lists C&D debris, white goods, paper rolls and limbs/trees/stumps as special wastes. It is not clear where paper rolls are included on Table 2 (October 1997). Table 3 (October 1997) does not include paper rolls, but includes other materials. The "Hazardous Waste Information... for Operations Personnel" included in the Appendix (October 1997), lists "liquids, animal manure, dead animals, septic tank pumpings, [and] tires" as special wastes.

(Comment #1.a. cont'd)

1) Please review Tables 2, 3 and 4 (October 1997), the "Hazardous Waste Information...." and other information submitted concerning special wastes for consistency. Please provide operational procedures for the management of each special waste.

2) Please include the maximum quantity and/or storage time, and storage location and method (i.e. baled, loose, container, etc.) for these materials. Please specify the location of and provide details for each "special material" storage area on a plan sheet.

b. The waste quantity reports submitted do not appear to include the information required by the existing permit number SC60-263199. The reports submitted appear to include the quantities of materials received only. Please provide waste quantity reports for 1996 and 1997 which include the quantity (tons and/or cubic yards) of mixed waste received, quantity of each recovered material and residue removed from, and stored at the site. The quantity should be totaled for each month.

2. Page 5. Please provide additional details of the used oil collection area on a plan sheet. Table 2 indicates that the used oil is stored in a "drum." However, the Used Oil Storage Location Figure appears to show a small tank. Please specify the size of the used oil storage container, and if used oil is accepted from the public at this facility. Please provide details showing the dimensions of the containment structure.

3. Page 6. Financial Assurance.

a. Please provide financial assurance cost estimates which include the loading, transportation and disposal of the maximum quantity for each processed and unprocessed material, residuals and unauthorized wastes which may be at the site at any time. The estimates submitted do not appear to include the "special materials." (See comment #1.a, above) Please provide estimates which specify each of the costs.

b. Please provide detailed copies of the third-party estimates which support the unit costs for "load/haul/dispose."

c. Please provide calculations which clarify how the unit costs, and the total "loading and hauling" and "disposal" costs were derived.

4. Page 7. Leachate Management.

a. The information states, "no changes have been made to the existing leachate recirculation system." However, Please be advised that the existing leachate impoundments do not meet the current regulations. Rule 62-701.400(6)(a), F.A.C. requires that leachate impoundments in use on January 6, 1993 shall be replaced or modified to conform to the new rule by January 5, 1995.

(Comment #4.a. cont'd)

1) The information submitted (October 1997) indicates that after the finishing building is completed, the water which is held in the ponds will be stormwater only. However, interim procedures for leachate management, and a description of how the ponds will be taken out of (leachate) service after the finishing building is completed were not provided. Please provide a description of how leachate is managed during the interim period, and a detailed explanation of how the ponds will be taken out of service.

2) On the "Old Processing Building" diagram submitted (October 1997), please show where the leachate from the old processing building discharges.

5. Table 2.
a. Please include all unprocessed and processed materials, residuals, unauthorized wastes and "special materials" on this Table. This information indicates that non-processables are "recyclable materials." However, it appears that some non-processables are not recyclable. Please clarify the management of each of the materials listed on this Table. See also comment #1.a, above.

6. Hazardous Waste Information.
b. Please provide operational procedures for managing special wastes such as those listed on page 2. See comment #1.a, above.

7. 62-701.700(3)(a), F.A.C. Please specify how many personnel are required to effectively operate the MRF. Please provide position descriptions for the minimum number of full-time, part-time and temporary staff required to effectively operate the MRF. During recent inspections, the Department has observed excessive quantities of waste in the tipping area. Vectors and odors were present during these inspections. It is not clear if this accumulation of waste was due to equipment malfunction, a lack of staffing, or some other reason. The Department is concerned that accumulation of waste in the tipping area may result in discharges to the environment, and may also reduce the effectiveness of the facility operation. Please address these concerns with respect to staffing, hours of operation, and waste stored on the tipping floor.

Composting Facility [page numbers refer to August 1997 submittal unless otherwise noted]:

8. Page 10. Please provide a detailed list, and capacities, of equipment which is required to effectively operate the composting facility. The Department recognizes the digester unit as one piece of equipment. Please provide manufacturer's specification sheets, if available.

9. Appendix C (October 1997) does not appear to include typical forms used to track materials received at the facility, materials recovered (recycled), or the material after it is placed in the windrows. Please provide these forms.

The following comments are for information only at this time, and do not require an immediate response:

1. The information states, "the stormwater/leachate collection ponds have been inspected annually and the results have been submitted to the Department." (Page 7, August 1997) The information submitted in Appendix B (October 1997) includes documentation that the ponds were cleaned in April 1993. This information does not demonstrate that the ponds were "inspected annually" as required by the current permit.

2. Composting, Page 4 (August 1997) - Lined "emergency" cell. Please be advised that if the County intends to utilize this cell for C&D debris disposal, or any other disposal, a separate permit may be required. Also please be aware that since the cell was previously used for storage of solid waste and leachate, liquids which are stored in the cell will be considered leachate until the following activities are completed or conditions exist:

a. Solid waste, unfinished or untested compost must not be stored on the pads;

b. The liner must be cleaned and all sediments, debris, and liquids must be removed;

c. The decontamination activities (i.e. cleaning) must be approved by the Department.

3. Composting, Page 13 (August 1997). Please be reminded that the operations concerning the finished product screening (operation location, storage location, testing timeframes, etc.) must be provided. This information may be submitted as part of the pending permit for the construction of the finishing building.

4. MRF Table 2. Please be aware that the Department may not allow "special materials" such as mixed Class III, C&D debris, or scrap metal to be stored "outside" in areas where leachate generated from these materials may discharge into the environment. The October 1997 submittal requested that the regulation requirement for this be specified.

a. 62-701.300(1)(b), F.A.C. requires that no person shall store or dispose of solid waste in a manner or location that causes air quality standards to be violated or water quality standards or criteria of receiving waters to be violated. The paved storage areas are not sloped or otherwise constructed to prevent discharges into the environment (i.e. soil and groundwater). Since Class III materials and C&D debris are solid waste, they must be stored in a manner or location which prevents discharges to the environment.

(Informational comment #4, cont'd)

b. Although "scrap metal" may be considered to be "recovered materials" as defined in Section 403.703(7), Florida Statutes (F.S.), Section 403.7045(f), F.S., requires that recovered materials must be "handled by the facility... [such that] the products or byproducts of operations... are not discharged, deposited, injected, dumped, spilled,... [etc.] into or upon any land or water... [such that] any constituent thereof may enter... any waters, including groundwaters, or otherwise enter the environment such that a threat of contamination in excess of department standards and criteria is caused." The paved storage areas are not sloped or otherwise constructed to prevent discharges into the environment. Since scrap metals frequently contain liquids, oils, greases, gasoline, paints, solvents and other similar materials, these materials must be stored in a manner which prevents the discharge of these constituents into the environment.

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

You are requested to submit **three copies** of your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St. Leesburg, FL 34748
Mitch Kessler, TIA, 100212 N. Dale Mabry #223, Tampa, Fl. 33618
Robert Butera, P.E., FDEP-Solid Waste, Tampa

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

FAXED 10/28 108p

FAX TRANSMITTAL SHEET

10/28/97
Date

TO: David Springstead

Phone: 352-787-1414 Fax: 352-787-7221

FROM: Susan Pelz

Phone: (813) 744-6100 ext 386 Fax: (813)744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 1

SUBJECT: Sumter Finishing Bldg.

The Department does not object to the initiation of grading and construction of the building footers. Other construction of the finishing building is not authorized at this time.

Please be reminded that the as-built drawings must include the return final grades.

Transmit Confirmation Report

No.	:	005
Receiver	:	813527877221
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Oct 28 97 14:06
Time	:	00'42
Mode	:	Norm
Pages	:	01
Result	:	OK

Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street
Leesburg, Florida 34748

Lake (904) 787-1414
Sumter (904) 793-3639
Fax (904) 787-7221

RECEIVED
OCT 27 1997
DEP

TO Florida Department of Environ. Protection
3804 Coconut Palm Drive
Tampa, FL. 33619

DATE 10/27/97 JOB NO. 921100.005

ATTENTION Ms. Susan Pelz

RE Compost Facility Expansion

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications ☐ Facsimile

☐ Copy of letter ☐ Change order ☐ _____

Copies	Date	No.	Description
3			Composting Facility Expansion (RAI)
3			Set of Plans (Sheets 3-7, of 7, Sheet 2 of 3)
1			Specifications

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Approved for payment

☐ For your use ☐ Approved as noted ☐ Resubmit _____ copies for approval

☐ As requested ☐ Returned for corrections

☐ For review and comment ☐ _____

☐ Material and/or prints returned after loan to us

REMARKS

COPY TO

SIGNED: David W. Springstead, P.E.

kac

D.E.P.
OCT 27 1997
SOUTHWEST DISTRICT
TAMPA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

REQUEST FOR ADDITIONAL INFORMATION

COMPOSTING FACILITY EXPANSION
PENDING PERMIT NO:
126940-002-SC
SUMTER COUNTY COMPOSTING FACILITY
SUMTER COUNTY, FLORIDA

PREPARED FOR

SUMTER COUNTY
BOARD OF COUNTY COMMISSIONERS
209 NORTH FLORIDA STREET
BUSHNELL, FLORIDA 33513

October 24, 1997

921100.005

Springstead Engineering, inc.

Consulting Engineers – Architects – Planners – Surveyors
727 South 14th Street
Leesburg, Florida 34748
Lake (352) 787-1414
Sumter (352) 793-3639 Fax (352) 787-7221

FILE

Meeting @
Env. Expo 8:00am

RB RB

Susan Pelz FDEP 744-6100 x386 10/22/97
Jerry Hurst
Allison Searcy TIA (813) 264-7240
Garry Breeden SCPW (352) 793-0240
David Springstead (SEI) (352) 787-1414

Finishing Bldg

① drainage inside bldg
② outside elevations, elevations within bldg
③ Finished screening, final product handling
④ equipment notations

① Drainage –
- want to avoid sump
ok - want low area, can remove water with pump
- give us operational procedures
- water supply ⇒ will use water truck until piping is ready ⇒ probably can just give us details (only standpipes at hose bibbs), not permit mod – if elaborate sprinkler system will/may need permit mod.

* new breakroom – just send us as-builts – no mod.

Foundations – talk about 1 mo before floor is poured

after footers

talk to Bob
- told them generally grading & footing is ok
- they will get info to me. end this wk on early next wk I will look @ it & if ok will send fax that ok for grading & footers

Reminded them about Digester certification

MRF / Compost Op. Renewal –
- leachate mgmt. – ponds – need to clean & inspect
- special waste handling. – old MRF Bldg. – may fill in pits w/concrete

outline permits & process –
summary what do they need to do, permit mod.

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

FAXED
1054
10/21

FAX TRANSMITTAL SHEET

10/20/97
Date

TO: David Springstead

Phone: 352-787-1414 **Fax:** 352-787-7221

FROM: Susan Pelz

Phone: (813) 744-6100 ext 386 **Fax:** (813)744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 1

SUBJECT: Sumter Finishing Bldg —

The letter RAI is written, but Bob hasn't reviewed it yet. It will be mailed probably tomorrow.

I can fax you a copy on Thursday — let me know.

Transmit Confirmation Report

No.	:	014
Receiver	:	813527877221
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Oct 21 97 10:54
Time	:	00'41
Mode	:	Norm
Pages	:	01
Result	:	OK

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 E. Anderson Ave.
Bushnell, FL 33513

October 21, 1997

RE: Composting Facility Expansion
Pending Permit No. 126940-002-SC, Finishing Building

Dear Mr. Breeden:

This is to acknowledge receipt of your request, prepared by Springstead Engineering, dated October 16, 1997 (received October 17, 1997), to construct the Finishing Building expansion to the existing composting and materials recovery facilities at the Sumter County Solid Waste Management Facility. The drawings for the Finishing Building were received September 2, 1997.

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

Your application for permit is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapters 62-701 and 62-709, Florida Administrative Code (F.A.C.)]:

1. **Sheet 3 of 7, Floor Plan.**

a. Please provide details for the management of liquids which may accumulate in the low portion of the floor. Since it does not appear that a sump is proposed, please explain how accumulated liquids will be removed from this area. Where will liquids be disposed? In the event that odors or vectors are present, and the floor requires cleaning, please explain how the washdown liquids will be managed.

b. Please clarify the equipment shown in the west portion of the building. Please note the types of equipment shown, and provide installation details, if applicable, and manufacturer's specification sheets.

c. Please provide a floor plan which shows the orientation, number, and capacity, of windrows which will be used. It is not clear how the windrows will be positioned with respect to the "low area" in the building.

d. It appears that since the west part of the building is lower than the adjacent portion, that stormwater may runoff into this area. Since waste may be spilled during discharge of the digester, accumulated liquids in this area must be minimized to minimize the potential for leachate generation. Please provide grading and/or drainage plans which show the drainage in this area. Please provide additional elevations. The note states, "slope to 70 feet at west wall." However, it is not clear which "west wall" is referenced.

2. **Sheet 4 of 7, Foundation Plan.**

a. Please note the location of the Retaining Wall Detail on the plan view.

b. Please provide the grades outside the building.

c. Please provide details on the "push wall."

3. **Sheets 5 and 6 of 7, Elevations.**

a. Please note the finished grade elevations for the elevation views.

b. Please provide details on the "push wall." Please show the location/layout of the equipment (see Sheet 3 of 7) in the west part of the building.

c. Please note the eave height on these views.

d. It appears that the finished floor within the "push wall" area is at the same elevation as the west part of the building. (North and South Elevations, Sheet 5) Please clarify the finished floor elevation within the "push wall" area. How will the material be managed if the finished floor elevation is lower than the rest of the building?

4. **Sheet 7 of 7, Electrical Plan.** Since electrical equipment/connections are not shown, please explain how the conveyors and other equipment are powered.

5. **General.**

a. Please provide operational procedures for screening the finished compost prior to testing. Since the finished compost must be stored separately from unfinished compost, please specify the storage area for (and maximum quantity of) this material. How will the material be screened? Please provide equipment and design details which support the proposed operation.

b. The operational information submitted as part of the composting operations permit renewal indicated that if the windrows required additional moisture, water would be added by hoses. Since no hoses or potable water piping is shown on the Finishing Building drawings, please explain how moisture will be added to the windrows.

The following comments are for information only at this time, and do not require an immediate response:

1. Please be advised that the Department does not authorize the construction of the Finishing Building, at this time. If the County elects to begin the construction of the Finishing Building prior to receiving a permit from the Department, the Department may initiate enforcement actions.

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

You are requested to submit **three copies** of your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St. Leesburg, FL 34748
Mitch Kessler, TIA, 100212 N. Dale Mabry #223, Tampa, Fl. 33618
Robert Butera, P.E., FDEP-Solid Waste, Tampa

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 10/20/97
Time 1114-1200
Subject Sumter Bldg / MRF & Compost Op
Permit No.
County
M David Springstead
Telephone No. 352-787-1414
Representing

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

Other Individuals Involved in Conversation/Meeting

Summary of Conversation/Meeting

Sheet 3 of 7 - No sump, will move water by front end loader AND/or pump - how could windrow put
- May want to put blind sump
- addition of water needs to be clarified (water truck or piping)
- equipment - needs to be noted
- WALL - needs dimensions
5 of 7 - may want to add powerscreen for clarity
- show FF within WALL
- Will provide grading sheet
- will show orientation of windrows & number + capacity
- how do final screening? If move screen into bldg then need info on height of equipment -
how move material?

(continue on another sheet, if necessary)

Signature
Title PE I

PA-01
1/96
pap

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

October 16, 1997

RECEIVED
OCT 17 1997
Department of Environmental Protection
BY SOUTHWEST DISTRICT

Ms. Susan J. Pelz, P.E.
Southwest District - Solid Waste Section
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Compost Finishing Building
Sumter County Recycling Processing and Composting Facility
Sumterville, Sumter County, Florida

Dear Ms. Pelz:

Please accept this formal request to separate the permit to construct the Compost Finishing Building from the compost operating permit renewal which is currently under review. The construction of the compost finishing building should be considered a separate permit.

Attached are a letter confirming the small county status of Sumter County and a check for the application fee to review the construction permit separately.

The timeliness of the permit review to construct the finish building is of great importance to the County. Please let me know if as soon as possible if any additional information is needed.

We hope that this information meets your needs at the present time. Please contact our office if you have any further questions.

Sincerely,
SPRINGSTEAD ENGINEERING, INC.

DAVID W. SPRINGSTEAD — STATE OF FLORIDA — REGISTERED PROFESSIONAL ENGINEER

David W. Springstead, P.E.
Florida Registration No. 48229

cc: Garry Breeden - Sumter County
Terry Hurst - Sumter County
Mitch Kessler - TIA Solid Waste Management
Denise Reynolds - Sumter County

(a:rai.x2;10/16/97)

FILE

Sumter County Government

Board of Sumter County Commissioners
209 North Florida Street, Bushnell, Florida, 33513 Room 206 Telephone (352)793-0200 Suncom 665-0200 FAX (352)793-0207

November 16, 1997

Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Sumter County Solid Waste Management Facility

Dear Sir:

In compliance with Chapter 94-278, Florida Statutes, relating to permit fees for small counties, you will find attached herewith a resolution duly adopted by the Board of Sumter County Commissioners in open session.

I certify that the attached resolution specifically applies to the project listed above and request that the provisions of the statute be used to calculate the appropriate permit fee.

Please contact me at the telephone number of letterhead address if you need additional information or clarification of this request.

Very truly yours,

OFFICE OF COUNTY ADMINISTRATOR

BY _____
BERNARD DEW
COUNTY ADMINISTRATOR

RECEIVED
OCT 17 1997
Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

BD:th

Enclosure

Karen S. Krauss, Chairman
Distr. 4, (352)793-7704
309 Center Street
Bushnell, FL 33513

Joey A. Chandler, Distr. 2
(352)793-9656
143 CR 532 C
Bushnell, FL 33513

Robin Cox
Distr. 5, (352)793-6910
P.O. Box 1482
Webster, FL 33597-1482

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

Benny G. Strickland, Vice Chairman
Distr. 1, (352) 748-3110 or 748-2050
5259 CR 125-C
Wildwood, FL 34785

Billy "Tiny" Rutter, Distr. 3
(352) 748-4220
P. O. Box 37
Coleman, Florida 33521-0037

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

Bernard Dew, County Administrator
(352)793-0200
209 North Florida Street
Bushnell, FL 33513

SUMTER COUNTY RESOLUTION

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF SUMTER COUNTY, FLORIDA, CERTIFYING A FISCAL HARDSHIP JUSTIFYING A WAIVER OR REDUCTION IN FEES BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICTS AND AUTHORIZING COUNTY ADMINISTRATOR BERNARD DEW TO APPLY FOR SUCH WAIVERS AND EXEMPTIONS PURSUANT TO SENATE BILL 1780.

WHEREAS, Sumter County has been at the 10 mil ad valorem limit for several years, and

WHEREAS, the Board has been required to pay various permit fees to Florida Department of Environmental Protection (DEP) and Southwest Florida Water Management District (SWFWMD), which permit fees have presented a fiscal hardship to the Board, and

WHEREAS, the Florida Legislature adopted Senate Bill 1780 which provides for exemptions and waivers of such permit fees to qualified counties and cities, and Sumter County qualifies under Section 1, subsection (4) and possibly other subsections.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Sumter County, Florida, as follows:

1. Sumter County does hereby certify that the cost of permit processing fees from DEP and SWFWMD is a fiscal hardship due to the fact that Sumter County has been at the 10 mil ad valorem cap for the past several years.

2. County Administrator Bernard Dew is hereby authorized to formally apply for waivers and exemptions from such permit processing fees.

2. A copy of this resolution shall be spread among the minutes of this Board and shall be furnished to the DEP, SWFWMD

and such other appropriate authorities and agencies as needed.

DONE and RESOLVED at Bushnell, Sumter County, Florida, this 24th day of May, 1994.

ATTEST: SARA H. MASON
Clerk of Circuit Court

BOARD OF COUNTY COMMISSIONERS
OF SUMTER COUNTY, FLORIDA

BOARD OF COUNTY COMMISSIONERS
By:
SEAL
SUMTER COUNTY BUSHNELL, FLA.

Deputy Clerk

Jim Allen - Chair

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

September 2, 1997

RECEIVED
SEP 03 1997
DEP

Ms. Susan J. Pelz, P.E.
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Additional Information for Permit Renewal
Sumter County Composting Processing and Recycling Facility
SEI File No 92-1100.004

Dear Ms. Pelz:

Please find attached the construction plans for the finishing building portion of the composting process. These plans are being sent as additional information relative to the compost operation permit currently being reviewed by the Department.

The building operations are described in Section 3, Page 3 of the information previously submitted.

We hope that the provided information meets your needs at the present time. Please contact me if you have any questions or need additional information.

Very truly yours,
Springstead Engineering, Inc.

9/2/97

David W. Springstead, P.E.
Florida Registration No. 48229

DWS

Attachments

cc: Garry Breeden w/o plans
Terry Hurst w/o plans
Mitch Kessler/Allison Searcy w/o plans

FILE

Solid Waste Section
Permitting Application

126940-002

PROJECT INFORMATION

Site Name: Sumter County Volume Reduction Facility

Site #: 126940

Address: On File

County/Code:

Project Name: Finishing / Composting Building

Type: SC Subtype: 13 Description:

Fee Received: $100 Correct (X) Incorrect ( )

Small Co. Waiver

Needed/Refund $

Fee Checked By: JJ Date: 10/18/97

RELATED PARTY INFORMATION

Role: Applicant

Name: Gary Breeden

Address: On File

Company:

City: State: FL Zip:

Phone: Fax:

Processor: PELT

BOARD OF COUNTY COMMISSIONERS
SUMTER COUNTY, FLORIDA

PAYABLES
CLEARING ACCOUNT

No. 079378

DOCUMENT NUMBER	* TYPE	DOCUMENT DATE	PURCHASE ORDER NUMBER	GROSS AMOUNT	DISCOUNT AMOUNT	OTHER CHARGES	NET AMOUNT	COMMENT
ERP PERMIT	I	8-12-97		01	100.00			100.00

SWP

* TYPE (I) INVOICE (C) CREDIT MEMO (D) DEBIT MEMO (X) CONTRACT PAYABLE

PLEASE DETACH BEFORE DEPOSITING

63-751
631

PAYABLES
CLEARING ACCOUNT

PAYABLE AT
FIRST UNION NATIONAL BANK
BUSHNELL, FLORIDA

BOARD OF COUNTY COMMISSIONERS
STATE OF FLORIDA
COUNTY of SUMTER
BUSHNELL, FLORIDA

No. 079378

IDENTIFICATION NUMBER	DATE	CHECK NUMBER	NET AMOUNT
N/A	8-14-97	101000-079378	$100.00

PAY TO THE ORDER OF

DEPT OF ENVIRO. PROTECT

SEAL

Karen A. Graves
CHAIRMAN

Alice Rathgeber
CLERK

APPROVED AND AUTHORIZED IN OPEN SESSION

⑈079378⑈ ⑆063107513⑆ 363500 13999⑈

12-0940-002

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

RECEIVED
OCT 02 1997
D E P

TO: *Department of Environmental Protection*
3804 Coconut Palm Drive
Tampa, FL 33619

Date: *July 30, 1997* Job No.: *921100.008*

Attention: *Department of Environmental Protection*

RE: *Sumter County Solid Waste Management Facility*
Pending Permit Nos. 22926-001-SO MRF

GENTLEMEN:

WE ARE SENDING YOU _ Enclosed _ under separate cover via_____ the following items:

_ Shop Drawings _ Prints _ Plans _ Samples _ Specifications _ Facsimile

_ Copy of Letter _ Change Order _ _____

Copies	Date	No.	Description
3			*Request for Additional Information (Pending Permit No. 22926-001-SO MRF & 22926-003-SO Composting*

THESE ARE TRANSMITTED as checked below:

_ For Approval _ Approved as submitted _ Approved for payment

_ For your use _ Approved as noted _ Resubmit ___ copies for approval

_ As Requested _ Returned for corrections

_ For Review and Comment _ _____

_ Material and/or prints returned after loan to us

REMARKS

COPY TO:
Garry Breeden

SIGNED:_____
David W. Springstead, P.E.

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

September 2, 1997

RECEIVED
SEP 03 1997
D E P

Ms. Susan J. Pelz, P.E.
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Additional Information for Permit Renewal
Sumter County Composting Processing and Recycling Facility
SEI File No 92-1100.004

Dear Ms. Pelz:

Please find attached the construction plans for the finishing building portion of the composting process. These plans are being sent as additional information relative to the compost operation permit currently being reviewed by the Department.

The building operations are described in Section 3, Page 3 of the information previously submitted.

We hope that the provided information meets your needs at the present time. Please contact me if you have any questions or need additional information.

Very truly yours,
Springstead Engineering, Inc.

David W. Springstead, P.E.
Florida Registration No. 48229

DWS

Attachments

cc: Garry Breeden w/o plans
Terry Hurst w/o plans
Mitch Kessler/Allison Searcy w/o plans

Department of
Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Garry Breeden, Director
Sumter County Department of Public Works
319 E. Anderson Ave.
Bushnell, FL 33513

September 2, 1997

RE: Composting Facility Operation Renewal/Expansion
Pending Permit Nos. 22926-001-SO, MRF
22926-003-SO, Composting

Dear Mr. Breeden:

This is to acknowledge receipt of your permit applications prepared by Springstead Engineering, dated August 1, 1997 (received August 4, 1997), to continue operation of the existing solid waste composting and materials recovery facilities, referred to as the Sumter County Solid Waste Management Facility.

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

Your applications for permits are incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-709, Florida Administrative Code (F.A.C.)]:

Materials Recovery Facility:

1. Application Form.
   a. Item #B.28, page 7 of 36. Please provide the stormwater management permit number.

   b. Item #B.15. Please clarify if the MRF facility operates six days per week (Mon.-Sat.), or if it is only operated periodically throughout the week.

2. Page 2.
   a. Please provide a list of typical "special materials." Please provide operational procedures for the management of "special materials." Please include the maximum quantity and/or storage time, and storage location and method (i.e. baled, loose, container, etc.) for these materials. Please specify the location of and provide details of the "special material" storage area on a plan sheet. Please provide operational procedures for the management of electronics, appliances other than white goods, white goods with refrigerants, lawn mowers, propane tanks, paint cans, automotive parts, etc.

(Comment #2 cont'd)

b. Please provide the procedures for managing bulky items after they are removed and "set aside" in the MRF.

c. Please provide a list of "other bulky items" which are removed in conjunction with the cardboard.

d. Please provide waste quantity reports for 1996 and 1997. These reports should include the quantity (tons and/or cubic yards) of mixed waste received, quantity of each recovered material and residue removed from, and stored at the site. The quantity should be totaled for each month.

3. Page 3. Please clarify at what point the unmarketable recyclables and unauthorized wastes are removed from the site.

4. Page 5. Please provide the details of the used oil collection area on a plan sheet.

5. Page 6. Please provide financial assurance cost estimates which include the loading, transportation and disposal of the maximum quantity of processed and unprocessed materials, residuals and unauthorized wastes which may be at the site at any time. The estimates submitted do not appear to include the "special materials." Please provide estimates which specify each of the costs.

6. Page 7.

a. The information states, "no changes have been made to the existing leachate recirculation system." However, Please be advised that the existing leachate impoundments do not meet the current regulations. Rule 62-701.400(6)(a), F.A.C. requires that leachate impoundments in use on January 6, 1993 shall be replaced or modified to conform to the new rule by January 5, 1995. Please explain how the facility will comply with the new requirements. See also comment #13, below, concerning the composting operation.

b. The information states, "the stormwater/leachate collection ponds have been inspected annually and the results have been submitted to the Department." The information further indicates that semi-annual leachate sampling analyses have been submitted. However, Department files do not appear to include the annual inspection results or the semi-annual leachate analysis results. Please provide this information.

7. Table 2.

a. Please include all unprocessed and processed materials, residuals, unauthorized wastes and "special materials" on this Table. This information indicates that non-processables are "recyclable materials." However, it appears that some non-processables are not recyclable. Please clarify the management of each of the materials listed on this Table. See also comment #2.a., above.

(Comment #7 cont'd)

b. Please clarify the location of "under roof." It does not appear that trailers would be stored "under roof."

8. Hazardous Waste Information.

a. It appears that portions of Page 1 were deleted in copying. Please provide Page 1 in its entirety.

b. Please provide operational procedures for managing special wastes such as those listed on page 2.

c. Page 2 and Page 4. Please provide a list of the types of industrial wastes and/or sources of industrial wastes which the facility manages. Please include a description of the procedures for managing these materials.

d. Page 8. Please show the location of the "temporary storage facilities" for the wastes listed on page 8. How are these materials managed? How often are they removed?

9. 62-701.700(3)(a), F.A.C. Please specify how many personnel are required to effectively operate the MRF. Please provide position descriptions for full-time, part-time and temporary staff.

Composting Facility:

10. Page 2.

a. Please clarify the reference to "mixing basin." Please provide operational procedures and installation/design details for the mixing basin.

b. Please clarify if the biosolids are stored in a container, and specify the maximum quantity. Please specify the type of biosolids, e.g., Type A, AA, etc.

11. Page 3.

a. Please specify the screen size for the material discharged from the digester and the material which has been removed from the windrows.

b. Please explain what the Scarab mixes with the compost.

c. Please provide construction details of the finishing building on a plan sheet. Please show the floor elevations, drainage, windrow configuration, finished compost storage areas, etc.

12. Page 4. Please explain the future use of the "lined emergency cell."

13. Page 7. The information indicates that all leachate generated will be used in the process. Please explain the future use of the leachate surface impoundments. See comment #6.a., above.

14. Page 10. Please provide a list of equipment which is required to effectively operate the composting facility.

15. Page 13. Please explain how long (e.g. 30 days, 3 months, etc.) the compost will be further composted inside the finishing building. Please describe the future use of the composting pads after the finishing building is constructed.

16. Please describe the records which will be maintained by the facility. Please provide examples of forms which are used.

Drawings.
17. Sheet 1 of 1. Please provide the date of the contours.

18. Sheet 3 of 5. Please clarify the purpose of the dashed area north and east of the proposed finishing building.

The following comments are for information only at this time, and do not require an immediate response:

1. MRF Table 2. Please be aware that the Department may not allow "special materials" such as mixed Class III, C&D debris, or scrap metal to be stored "outside" in areas where leachate generated from these materials may discharge into the environment.

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

You are requested to submit **three copies** of your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc: David Springstead, P.E., Springstead Engineering, 727 S. 14th St. Leesburg, FL 34748
Mitch Kessler, TIA, 100212 N. Dale Mabry #223, Tampa, Fl. 33618
Robert Butera, P.E., FDEP-Solid Waste, Tampa

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

FAX TRANSMITTAL SHEET

FAXED 5pm

9/2/97
Date

TO: David Springstead

Phone: 352-798-1414 **Fax:** 352-787-7221

FROM: Susan Pelz

Phone: (813) 744-6100 ext 386 **Fax:** (813)744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 5

SUBJECT: Sumter Co Composting & MRF RAI

Hard copy will follow

Transmit Confirmation Report

No.	:	008
Receiver	:	813527877221
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Sep 02 97 16:56
Time	:	03'23
Mode	:	Norm
Pages	:	05
Result	:	OK

Date: 8/19/97 08:49:45 AM
From: William Kutash TPA
Subject: FWD: Re: Sumter County Compost
To: Robert Butera TPA
To: Steve Morgan TPA

fyi

Date: 8/19/97 06:23:21 AM
From: Bill Hinkley TAL
Subject: Re: Sumter County Compost
To: See Below

/In response to your August 11 e-mail, Sumter County understands the
/importance of soil cleanup efforts in the State. The County does not
/currently test for arsenic in their compost product. However, the County is
/willing to work with DEP in testing for arsenic, reporting the results, and
/serving as the model facility for MSW compost standatds. Please let me know
/how DEP would like to proceed on this topic considering the County's
/willingness to participate in this project. Thank you for your time.
/
/Mitch Kessler (TIA)
/TIA Solid Waste Management Consultants, Inc.
/Tampa, Florida
/813-264-7240
/813-265-8140 (FAX)

Mitch: thanks for your note. I am copying MJ and Bill Kutash to let them know of your willingness to work with the department. However, I'm a bit puzzles by your response. Isn't arsenic tested per the testing requirements of 62-709? wwh

Solid Waste Section
Permitting Application

PROJECT INFORMATION

Site Name: Sumter County Vol. Red. & Landfill

Site #: 22926 - 003

Address: 1 mi SE I-75 & SR 470

County/Code: Sumter / 60

Project Name: Sumter Co Composting

Type: SO Subtype: 13 Description: Operation Renewal

Fee Received: 100.00 Correct (X) Incorrect ( )

Small Co. Waiver

Needed/Refund $ _____

Fee Checked By: _____ Date: _____

RELATED PARTY INFORMATION

Role: Applicant

Name: Garry Breeden

Address: 319 E. Anderson Ave, B

Company: Sumter County Public Works Dept.

City: Bushnell State: FL Zip: 33513

Phone: 352-793-0240 Fax: _____

Processor: Pelz_S

Springstead Engineering, inc.
Consulting Engineers – Architects – Planners – Surveyors

RECEIVED
AUG 04 1997
D E P

EB - 0001723
AA - 0002820
LB - 0001723

727 South 14th Street
Leesburg, Florida 34748

Lake (352) 787-1414
Sumter (352) 793-3639
Fax (352) 787-7221

TO: *Department of Environmental Protection*
3804 Coconut Palm Drive
Tampa, FL 33619

Date: *August 4, 1997* Job No.: *921100.004*

Attention: *Ms Susan Pelz*

RE: *Composting Facility Expansion-Digester (RAI)*

GENTLEMEN:

WE ARE SENDING YOU xx Enclosed _ under separate cover via_____ the following items:

_ Shop Drawings _ Prints _ Plans _ Samples _ Specifications _ Facsimile

_ Copy of Letter _ Change Order _ _____

Copies	Date	No.	Description
6			*APPLICATION TO RENEW OPERATING PERMITS FOR SUMTER COUNTY RECYCLING, COMPOSTING AND PROCESSING FACILITY* *- Solid Waste Management Facility Permit* *- Operation of a Solid Waste Facility for the Production of Compost Permit* *- Waste Tire Collection Center Permit*
3			*Checks in the amount of $100.00 each to cover fees for above referenced permit application*

THESE ARE TRANSMITTED as checked below:

_ For Approval _ Approved as submitted _ Approved for payment

_ For your use _ Approved as noted _ Resubmit ___ copies for approval

_ As Requested _ Returned for corrections

_ For Review and Comment _ _____

_ Material and/or prints returned after loan to us

REMARKS

COPY TO:
Garry Breeden-Sumter County
Terry Hurst-Sumter County
Mitch Kessler-TIA

SIGNED:_____
David W. Springstead, P.E.

RINGSTEAD ENGINEERING, INC. • LEESBU LORIDA 34748

DATE	INVOICE NO.	DESCRIPTION	INVOICE AMOUNT	DEDUCTION	BALANCE
7-29-97	13246	DEP	100.00	.00	100.00

Springstead Engineering, inc.

RECEIVED
AUG 04 1997
DEP

HECK ATE	7-29-97	CHECK NUMBER	21877	TOTALS	100.00	.00	100.00

PLEASE DETACH THIS PORTION AND RETAIN FOR YOUR RECORDS.

Springstead Engineering, inc.
Consulting Engineers - Planners - Surveyors
727 South 14th Street • Leesburg, Florida 34748
Lake (352) 787-1414 • Sumter (352) 793-3639 • Fax (352) 787-7221

CITIZENS NATIONAL BANK OF LEESBURG
LEESBURG, FLORIDA 34748

63-591
631

21877

Pay: One hundred dollars and no cents

DATE	CHECK NO.	AMOUNT
July 29, 1997	21877	$*******100.00**

PAY TO THE ORDER OF

FL DEPT OF ENVIRON PROTECTION
2600 BLAIR STONE RD
TALLAHASSEE, FL 32399-2400

⑈021877⑈ ⑆063105913⑆ 0107159906⑈

BEST AVAILABLE COPY

Operation Permit

Florida Department of Environmental Regulation

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

DER Form # 17-701.900(2)
Form Title: Certification of Construction Completion of a Solid Waste Management Facility
Effective Date: January 8, 1991
DER Application No. _____ (Filled in by DER)

RECEIVED
AUG 0 1 1997
D E P

Certification of Construction Completion of a Solid Waste Management Facility

DER Construction Permit No: SC60-298996 County: Sumter

Name of Project: Sumter County Composting Facility Digester

Name of Owner: Sumter County Board of County Commissioners

Name of Engineer: Springstead Engineering, Inc.

Type of Project: Construction of solid waste compost digester

Cost: Estimate $ 1,600,000 Actual $ 1,680,000

Type Design: Quantity: 100 ton/day Site Acreage: 120 Acres

Deviations from Plans and Application Approved by DER: _____

Address and Telephone No. of Site: 835 CR 529, Sumterville, Florida (352) 793-3368

Name(s) of Site Supervisor: Terry Hurst

Date Site inspection is requested: As soon as possible

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction Permit No.: SC60-298996 Dated: 7/31/97

Date: 7/31/97

David W. Springstead, P.E. #48229
Signature of Professional Engineer
7/31/97

REGfiles: 5/94