



Contract No.: 495-10231

Agreement to Supply: SLUDGE DISPOSAL SERVICES

This agreement, made and entered into this the 11 day of August, 2009, is by and between the **CITY OF FORT LAUDERDALE**, a Florida municipality, City Hall, 100 North Andrews Avenue, Fort Lauderdale, FL 33301, hereinafter called the "City" and Contractor:

Name: H & H Liquid Sludge Disposal, Inc.

Address: P.O. Box 390 City: Branford State: FL Zip: 32008

A Corporation A Partnership An Individual Other: _____

authorized to do business in the State of Florida, hereinafter called the "Company" or "Contractor." Witnesseth that: Whereas, the City did issue a Request for Proposal (RFP) for supplying the requirements of the City for the items and/or service listed above for a period of **three years, with two one-year extension options**, and the Contractor submitted a proposal that was accepted and approved by the City.

Formal authorization of this contract was adopted by the City Commission on: May 19, 2009, Pur-04, CAR 09-0619

Now, therefore, for and in consideration of the mutual promises and covenants herein contained, the parties covenant and agree as follows:

1. The Company agrees to provide to the City sludge disposal services during the period beginning 12/15/09 and ending 12/14/12 for the requirements listed above and according to the following specifications, terms, covenants and conditions:

a. This contract form G-110, the Request for Proposal containing General Conditions, Special Conditions, Specifications, addenda, if any, and other attachments forming a part of RFP Number **495-10231** and the Contractor's proposal in response, form a part of this contract and by reference are incorporated herein.

b. In construing the rights and obligations between the parties, the order of priority in cases of conflict between the documents shall be as follows:

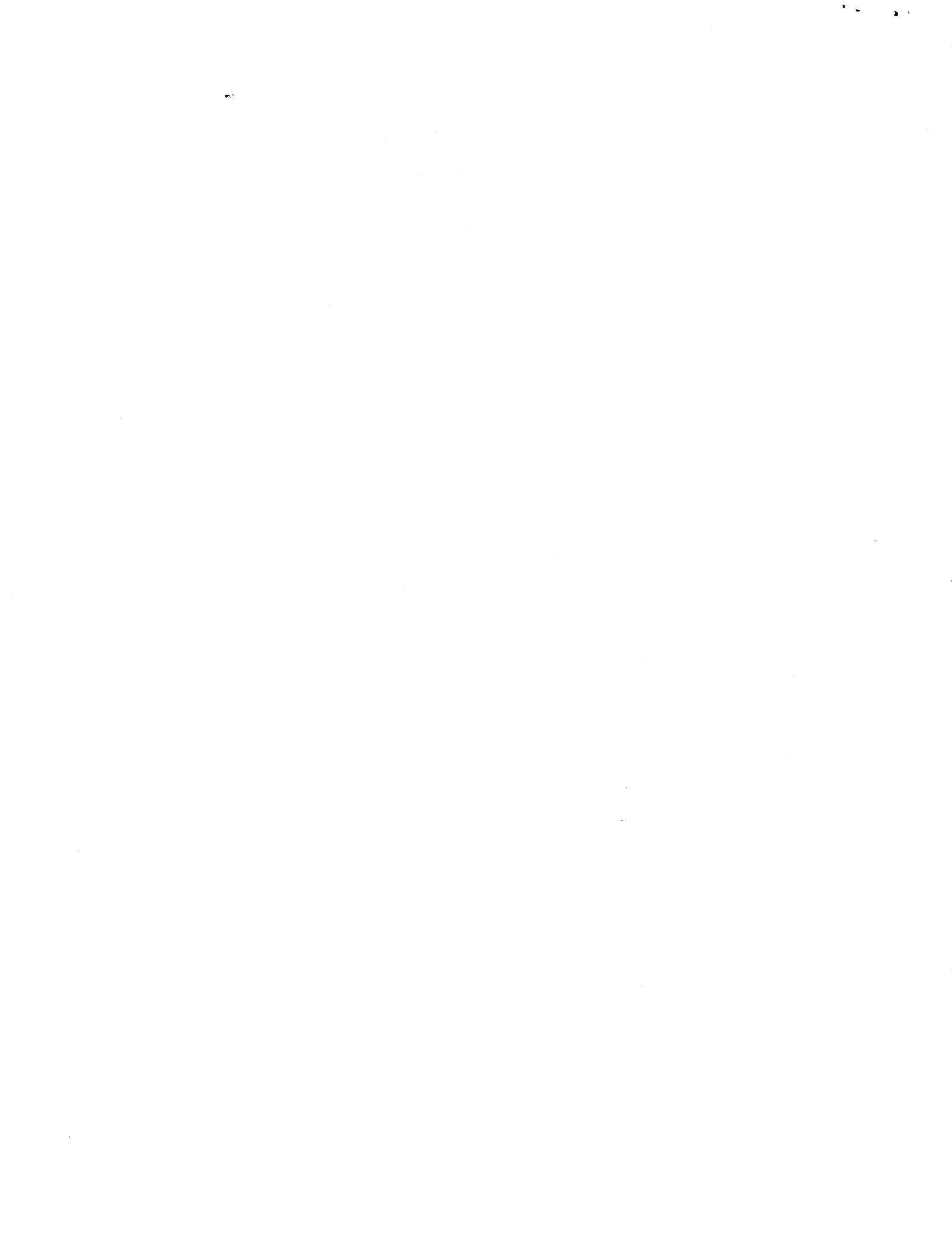
- 1) This contract Form G-110, Rev. 12/00
- 2) The City's RFP and all addenda thereto
- 3) Contractor's proposal in response to the City's RFP

c. Warranty: The Company by executing this contract embodying the terms herein warrants that the product and/or service that is supplied to the City shall remain fully in accord with the specifications and be of the highest quality. In the event any product and/or service as supplied to the City is found to be defective or does not conform to specifications the City reserves the right to cancel that order upon written notice to the Contractor and to adjust billing accordingly.

d. Cancellation: The City may cancel this contract upon notice in writing should the Contractor fail to reasonably perform the service of furnishing the products and/or services as specified herein upon 30 days written notice. This applies to all items of goods or services.

e. Taxes Exempt: State Sales (85-8013875578C-1) and Federal Excise (59-600319) Taxes are normally exempt, however, certain transactions are taxable. Consult your tax practitioner for guidance where necessary.

f. Invoicing: Contractor will forward all invoices in duplicate for payment to the following: Finance Department, 100 N. Andrews Avenue, 6th Floor, Fort Lauderdale, FL 33301. If discount, other than prompt payment terms applies, such discount **MUST** appear on the invoice.



2. Contract Special Conditions: The following special conditions are made a part of and modify the standard provisions contained in this contract Form G-110.

All proposed variances to the specifications, terms, or conditions of the RFP contained in the Contractor's response to the RFP are deleted.

3. Contract Summary:

a. Attachments:

H & H Liquid Sludge Disposal, Inc.'s response to the RFP and a copy of the RFP document.

b. Payment Terms:

Per RFP

c. Delivery:

Per RFP

d. Insurance:

Yes

No

e. Performance Bond/Letter of Credit:

Yes

No

f. Procurement Specialist's Initials:

RM

4. Contractor's Phone Numbers:

Office: 386-935-1284

Fax: 386-935-0941

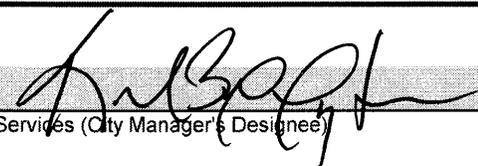
5. Contractor Contact:

Rick Hacht

Toll: 800-653-0386

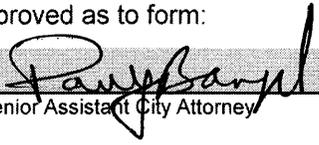
City of Fort Lauderdale

By:


Director of Procurement Services (City Manager's Designee)

Date:

Approved as to form:


Senior Assistant City Attorney

Contractor/Vendor

Rick Hacht

Name of Company Officer (please type or print)

By:


Authorized Officer's Signature

Title:

President

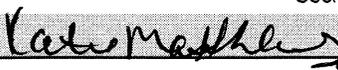
Date:

August 10, 2009

Katie Matthews

Secretary (please type or print)

Attest:


Signature of Secretary

**ORIGINAL
BID**

**CONTRACT
COPY**

**City of Ft. Lauderdale
RFP NO. 495-10231
Sludge Disposal Services**

Opens 03/17/09, 2:00 P.M.

Table of Contents

- 1) Proposal Signature Page**
- 2) Proposal Page Part I – Cost Proposal**
- 3) Proposal Page Part II – Technical Proposal**
- 4) Proposal Page Part III- Questionnaire**
- 5) Additional Attachments to your Proposal**

PROPOSAL SIGNATURE PAGE

TO: The City of Fort Lauderdale

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda and legal advertisements contained in the RFP. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) Rick D. Hacht

Title: President

Company: H&H Liquid Sludge Disposal, Inc.

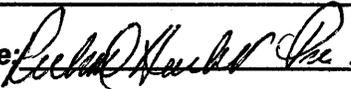
Address: P.O. Box 390

City: Branford

State: FL Zip: 32008

Telephone No: 800-653-0386 or 386-935-1284

FAX No.: 386-935-0941

Signature:  Date: 3/10/09

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in his proposal:

<u>Addendum No.</u>	<u>Date Issued</u>
---------------------	--------------------

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of RFP, attachments or proposal pages. No variations or exceptions by the Proposer will be deemed to be part of the proposal submitted unless such variation or exception is listed and contained within the proposal documents and referenced in the

space provided below. If no statement is contained in the below space, it is hereby implied that your proposal complies with the full scope of this RFP.

Variances:

1. If City's waste-activated biosolids become odorous and objectionable to the public or DEP during transporting, H&H will not be held liable for any DEP or DOT penalties or fines during the life of this Contract. This is in reference to Rule 62-296.320(2), FAC.
2. The City will provide waste-activated biosolids equal to Class B metal parameters and according to EPA 503 and 62-640 FAC.
3. If the City decides to elect the clause 5.10 "Termination for Convenience", the City will reimburse H&H for any existing monthly annual bond costs.

PROPOSAL PAGES PART I PRICE LIST / COST PROPOSAL

Indicate your proposed cost per wet ton in the formula below and complete the extended cost. This figure will be used to award the cost points per Section V on page 20 above.

For purposes of this calculation only, the City is assuming 200 wet tons of production per day and 260 days of plant operation per year.

<u>Cost per wet ton</u>		<u>Tons per day</u>		<u>Days per year</u>	<u>Total Annual Cost</u>
\$ <u>44.52</u>	X	200	X	260	= \$ <u>2,315,040.00</u>

Example:

Cost per wet ton = \$10.00
 $10 \times 200 \times 260 = \$520,000$ per year

A.

Letter of Interest

H&H Liquid Sludge Disposal, Inc. is excited about having the opportunity to continually haul daily the City's waste-activated biosolids to our regulatory approved "Biosolids Residual Management Facility" or the Pompano Beach Landfill. It is my understanding that there is a trial time period before the initial contract term of 3 years.

B.

Narrative

H&H Liquid Sludge Disposal, Inc. has been for over 30 years hauling and disposing of biosolids within the State of Florida. We understand the necessity of the City's GT Lohmeyer Plant to haul continually everyday rain or shine waste-activated biosolids from the WWTP. We understand that a minimum of six dump trailers must be available along with placing them into the garage area for loading without any press-dewatering interruption.

Due to the natural of the potential odorous biosolids, it will be necessary to remove loaded trailers from the premises in a timely fashion as not to allow odorous conditions to affect neighborhood residents, businesses, local autos and pedestrian traffic. It is a must that our assigned drivers and worker employees will be aware of the safety or City working personnel, plant visitors, and construction/repair personnel being around the WWTP at all times. Assigned H&H employees will work fully with all City worker personnel in safely hauling the filled trailers off the facility grounds.

If perhaps a trailer spill occurs on the plant grounds, drivers have been trained to isolate the spill with orange cones, block the immediate area with their tractor units, notify plant authorities of the spillage, make arrangements with our office in clean-up and notify Broward County and State authorities of the incident and follow-up with a written spill report.

Before any loads are hauled off the plant grounds, a manifest ticket is signed by WWTP operator and driver with a copy being given to operator.

Once a loaded trailer has been hauled off the premises, drivers have been instructed to haul the load directly that day to our Residual Management Facility or landfill without making unnecessary stops or route deviations.

Again, all drivers have been instructed by our H&H Safety Manager with verbal and written attachments in regards to tractor and equipment inspection forms, accident forms, spillage forms, approved vendor for tires and truck-trailer repairs. All personnel have company cell phones and tractor units have satellite communications along with satellite documented trip routes.

In driver arriving at our Residual Management Facility, the load is dumped inside our 46,000 sq ft building in a designed area. After driver dumps, he proceeds outside to our truck washing facility where the truck and trailer tires and tailgates are washed, so a transporter does not carry any residuals back onto the public highway and into the City's WWTP.

After a driver has dropped his load, a Residual Management Facility operator mixes a 90% dry biosolids product with incoming 15% or better biosolids material and forms a 40% dry product. This premixed product in windrows is mechanically aerated and turned two times a day for seven to ten days until the product has been dried to 65% moisture content. Biosolids product is picked-up and delivered to a dryer unit where biosolids are further dried to 90%. This drying process kills any existing pathogens and gives the product a Class "A" treatment. Depending on the metal content of the City's biosolids, the end-product should be Class double "AA".

This treatment gives the City "a Cradle to Grave" non-liable status for its biosolids and meets all regulatory DEP and EPA parameters.

Final product disposal of the Class "AA" will be reported to Florida DEP and the agricultural departments as stipulated by State Reporting Regulation.

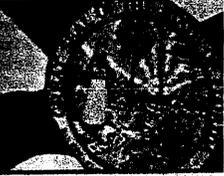
One of the key considerations of handling the City's waste activated biosolids is odors. It may be essential to treat the material at the press unit with a deodorizing bacteria.

Our backup plan to the Residual Management Facility is hauling to the Pompano Beach Landfill. However, we believe that with our location of our RM Facility and with our building and dryer odor central equipment that it will not be necessary to haul to the landfill.

C. Professional Licenses, Certificates, Insurance, Bond

- 1. Corporation Status**
- 2. Florida Department of Transportation License**
- 3. Occupational License**
- 4. Insurance Binders**
- 5. Bond Commitment**

FLORIDA DEPARTMENT OF STATE DIVISION OF CORPORATIONS



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No Events

No Name History

Entity Name S

Detail by Entity Name

Florida Profit Corporation

H & H LIQUID SLUDGE DISPOSAL, INC.

Filing Information

Document Number 579930
FEI Number 591832613
Date Filed 07/24/1978
State FL
Status ACTIVE

Principal Address

6990 US HWY 27
BRANFORD FL 32008 US
Changed 04/27/2007

Mailing Address

P O BOX 390
BRANFORD FL 32008 US
Changed 04/27/2007

Registered Agent Name & Address

RICK D. HACHT
6990 US HWY 27
BOX 390
BRANFORD FL 32008 US

Name Changed: 07/08/1986

Address Changed: 04/27/2007

Officer/Director Detail

Name & Address

Title PD
HACHT, RICK D
6990 US 27
BRANFORD FL

Title V

BUERK, MARTIN E
728 LAKESHORE DR.
DELRAY BEACH FL

Title DT

HACHT, STEPHEN C
P.O. BOX 390
BRANFORD FL 32008

Title SD

MATTHEWS, KATIE H
178 SW WALTON GLN
FORT WHITE FL 32038

Annual Reports

Report Year Filed Date

2007	04/27/2007
2008	04/23/2008
2009	01/20/2009

Document Images

- 01/20/2009 -- ANNUAL REPORT
- 04/23/2008 -- ANNUAL REPORT
- 04/27/2007 -- ANNUAL REPORT
- 04/25/2006 -- ANNUAL REPORT
- 04/22/2005 -- ANNUAL REPORT
- 04/27/2004 -- ANNUAL REPORT
- 04/21/2003 -- ANNUAL REPORT
- 05/09/2002 -- ANNUAL REPORT
- 04/30/2001 -- ANNUAL REPORT
- 05/02/2000 -- ANNUAL REPORT
- 04/29/1999 -- ANNUAL REPORT
- 04/17/1998 -- ANNUAL REPORT
- 04/21/1997 -- ANNUAL REPORT
- 04/23/1996 -- ANNUAL REPORT
- 04/27/1995 -- ANNUAL REPORT

Note: This is not official record. See documents if question or conflict.

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No Events **No Name History**

2009 FOR PROFIT CORPORATION ANNUAL REPORT

**FILED
Jan 20, 2009
Secretary of State**

DOCUMENT# 579930

Entity Name: H & H LIQUID SLUDGE DISPOSAL, INC.

Current Principal Place of Business:

6990 US HWY 27
BRANFORD, FL 32008 US

New Principal Place of Business:

Current Mailing Address:

P O BOX 390
BRANFORD, FL 32008 US

New Mailing Address:

FEI Number: 59-1832613 **FEI Number Applied For ()** **FEI Number Not Applicable ()** **Certificate of Status Desired ()**

Name and Address of Current Registered Agent:

RICK D. HACHT
6990 US HWY 27
BOX 390
BRANFORD, FL 32008 US

Name and Address of New Registered Agent:

The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.

SIGNATURE:

Electronic Signature of Registered Agent

Date

Election Campaign Financing Trust Fund Contribution ()

OFFICERS AND DIRECTORS:

Title: PD () Delete
Name: HACHT, RICK D
Address: 6990 US 27
City-St-Zip: BRANFORD, FL

Title: V () Delete
Name: BUERK, MARTIN E
Address: 728 LAKESHORE DR.
City-St-Zip: DELRAY BEACH, FL

Title: DT () Delete
Name: HACHT, STEPHEN C
Address: P.O. BOX 390
City-St-Zip: BRANFORD, FL 32008

Title: SD () Delete
Name: MATTHEWS, KATIE H
Address: 178 SW WALTON GLN
City-St-Zip: FORT WHITE, FL 32038

ADDITIONS/CHANGES TO OFFICERS AND DIRECTORS:

Title: () Change () Addition
Name:
Address:
City-St-Zip:

Title: () Change () Addition
Name:
Address:
City-St-Zip:

Title: () Change () Addition
Name:
Address:
City-St-Zip:

Title: () Change () Addition
Name:
Address:
City-St-Zip:

I hereby certify that the information supplied with this filing does not qualify for the exemption stated in Chapter 119, Florida Statutes. I further certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes; and that my name appears above, or on an attachment with an address, with all other like empowered.

SIGNATURE: RICK D HACHT

Electronic Signature of Signing Officer or Director

PD

01/20/2009

Date

Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

THOMAS F. BARRY, JR.
SECRETARY

August 5, 1999

H & H Liquid Sludge Disposal, Inc.
Post Office Box 609
Ft. White, Florida 32038

Dear Motor Carrier:

This office has received your application for an Intrastate USDOT number (Form MCS -150/FL). Your application has been processed through the USDOT Motor Carrier Management Information Systems (MCMIS) and the following Intrastate USDOT number has been assigned to your company:

USDOT 821903FL

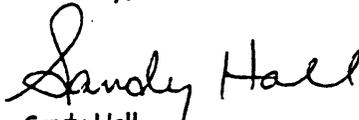
Your intrastate USDOT Identification Number must be displayed on vehicle(s) with the Florida suffix (FL) clearly printed at the end of the USDOT number, as specified in the Code of the Federal Regulations (CFR), Title 49, Part 390.21, which was adopted by Florida Statute 316.302. Provided for your information is an attached copy of CFR, Title 49 Part 390.21.

If this letter is received at a location other than your principal office (i.e., terminal or area office), please forward to the appropriate company officials. If there has been a change in your motor carrier name or principal office address, please correct the information shown at the top of this letter and return it to the following address:

Florida Department of Transportation
Motor Carrier Compliance Office
1815 Thomasville Road
Tallahassee, Florida 32303
Attention: Sandy Hall

Should you have any questions regarding the assignment of an Intrastate USDOT number or the adoption of the Federal Regulations by State Statutes for intrastate carriers, please feel free to contact my office at 850/922-0134, Monday-Friday (8am-5pm).

Sincerely,



Sandy Hall
Intrastate Identification
Program Manager



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

Office of Motor Carrier Compliance
Milepost 263, Florida Turnpike
Turkey Lake Service Plaza, Bldg. 5318
P. O. Box 613069
Ocoee, FL 34761

STEPHANIE C. KOPELOUSOS
SECRETARY

October 8, 2007

Dear Motor Carrier:

Your application for a Florida Intrastate DOT number (Form MCS-150FL) has been received and the following action(s) has been taken (please see the box that is marked).

- Your application was received for a Motor Carrier Identification Number. However, upon entering your application, it was discovered that your company has already been issued a USDOT number. If your company operation has changed from "interstate" to "intrastate only", please mark this application and return it so that we can update your profile in the system accordingly. Companies that have a USDOT number are exempt from needing a Florida DOT number. Please ensure that all company vehicles that are applicable are properly identified with your USDOT number.
- A previous application has already been processed and a USDOT Florida Intrastate number has already been assigned. (See attached copy). NO FURTHER ACTION IS NEEDED.
- Your request was received and the carrier operation was changed from "interstate" to "intrastate". Your DOT number will remain the same; however, intrastate carriers must add "FL" as a suffix at the end of the number. Your number should appear as "USDOT 000000FL" on all applicable vehicles. A copy of your DOT number is attached. NO FURTHER ACTION IS NEEDED.
- Your request was received and your carrier operation has been changed from "intrastate" to "interstate". Your USDOT number shall remain the same, however, please drop the "FL" at the end of your USDOT number. NO FURTHER ACTION IS NEEDED.
- Your company information has been updated to reflect the changes you requested. NO FURTHER ACTION IS NEEDED.
- Your USDOT number has been made "inactive" in the system as per your request. NO FURTHER ACTION IS NEEDED.

OTHER:
Your application was submitted incomplete. Please complete the marked section below and return it back to this office as soon as possible in order to complete processing. Without the following information being submitted, a DOT number cannot be issued.

<input type="checkbox"/> #19 IRS/Tax Section (Enter Federal ID# or Social Security #)	<input type="checkbox"/> #21 Company Operations (Intrastate-FL only, Interstate-Travel outside FL)
<input type="checkbox"/> #23 Operation Classification Section	<input type="checkbox"/> #24 Cargo Classification Section
<input type="checkbox"/> #26 Equipment Section - Please enter number of trucks for each section.	<input type="checkbox"/> #27 Subject Drivers Section -Please enter number of drivers.
<input type="checkbox"/> #30 Certification Statement Section - Please print name, sign and date.	<input type="checkbox"/> Other:

Sincerely,

Jessica Hancock
Office of Motor Carrier Compliance, 407/264-3391

MOTOR CARRIER IDENTIFICATION REPORT

(Application for U.S. DOT NUMBER)

ASON FOR FILING (Check Only One) NEW APPLICATION BIENNIAL UPDATE OR CHANGES OUT OF BUSINESS NOTIFICATION REAPPLICATION (AFTER REVOCATION OF NEW ENTRANT)

1. NAME OF MOTOR CARRIER H&H LIQUID SLUDGE DISPOSAL INC			2. TRADE OR D.B.A. (DOING BUSINESS AS) NAME			
3. PRINCIPAL STREET ADDRESS/ROUTE NUMBER 6990 US HWY 27		4. CITY BRANFORD	5. MAILING ADDRESS (P O BOX) PO BOX 390		6. MAILING CITY BRANFORD	
7. STATE/PROVINCE FLORIDA	8. ZIP CODE + 4 32008	9. COLONIA (MEXICO ONLY)		10. STATE/PROVINCE FLORIDA	11. ZIP CODE+4 32008	12. COLONIA (MEXICO ONLY)
13. PRINCIPAL BUSINESS PHONE NUMBER (386) 935-1284			14. PRINCIPAL CONTACT CELLULAR PHONE NUMBER (386) 365-5071		15. PRINCIPAL BUSINESS FAX NUMBER (386) 935-0941	
16. USDOT NO. 821903	17. MC OR MX NO.	18. DUN & BRADSTREET NO.	19. IRS/TAX ID NO. EIN# 591832613 SSN#		20. INTERNET E-MAIL ADDRESS hhhsd@windstream.net	

21. COMPANY OPERATION (Circle all that apply)
 A. Interstate Carrier B. Intrastate Hazmat Carrier C. Intrastate Non-Hazmat Carrier D. Interstate Shipper E. Intrastate Shipper F. Vehicle Registrant Only

22. CARRIER MILEAGE (to nearest 10,000 miles for Last Calendar Year) YEAR **2006**
900000

23. OPERATION CLASSIFICATION (Circle All that Apply)

A. Authorized For-Hire	D. Private Passengers (Business)	G. U. S. Mail	J. Local Government
<input checked="" type="radio"/> B. Exempt For-Hire	E. Private Passengers (Non-Business)	H. Federal Government	K. Indian Tribe
C. Private Property	F. Migrant	I. State Government	L. Other

24. CARGO CLASSIFICATIONS (Circle All that Apply)

A. GENERAL FREIGHT	F. LOGS, POLES, BEAMS, LUMBER	J. FRESH PRODUCE	P. GRAIN, FEED, HAY	V. COMMODITIES DRY BULK	BB. CONSTRUCTION
B. HOUSEHOLD GOODS	G. BUILDING MATERIALS	K. LIQUIDS/GASES	Q. COAL/COKE	W. REFRIGERATED FOOD	CC. WATER WELL
C. METAL; SHEETS; COILS; ROLLS	H. MOBILE HOMES	L. INTERMODAL CONT.	R. MEAT	X. BEVERAGES	<input checked="" type="radio"/> D. OTHER BIOSOLIDS
J. MOTOR VEHICLES	I. MACHINERY, LARGE OBJECTS	M. PASSENGERS	S. GARBAGE, REFUSE, TRASH	Y. PAPER PRODUCTS	
E. DRIVE AWAY/TOWAWAY		N. OIL FIELD EQUIPMENT	T. U.S. MAIL	Z. UTILITY	
		O. LIVESTOCK	U. CHEMICALS	AA. FARM SUPPLIES	

25. HAZARDOUS MATERIALS CARRIED OR SHIPPED (Circle All that Apply) C-CARRIED S-SHIPPED B(BULK) - IN CARGO TANKS NB(NON-BULK) - IN PACKAGE

C	S	A. DIV 1.1	B	NB	C	S	K. DIV 2.2A (Ammonia)	B	NB	C	S	U. DIV 4.2	B	NB	C	S	EE. HRCQ	B	NB
C	S	B. DIV 1.2	B	NB	C	S	L. DIV 2.3A	B	NB	C	S	V. DIV 4.3	B	NB	C	S	FF. CLASS 8	B	NB
C	S	C. DIV 1.3	B	NB	C	S	M. DIV 2.3B	B	NB	C	S	W. DIV 5.1	B	NB	C	S	GG. CLASS 8A	B	NB
C	S	D. DIV 1.4	B	NB	C	S	N. DIV 2.3C	B	NB	C	S	X. DIV 5.2	B	NB	C	S	HH. CLASS 8B	B	NB
C	S	E. DIV 1.5	B	NB	C	S	O. DIV 2.3D	B	NB	C	S	Y. DIV 6.2	B	NB	C	S	II. CLASS 9	B	NB
C	S	F. DIV 1.6	B	NB	C	S	P. Class 3	B	NB	C	S	Z. DIV 6.1A	B	NB	C	S	JJ. ELEVATED TEMP MAT.	B	NB
C	S	G. DIV 2.1	B	NB	C	S	Q. Class 3A	B	NB	C	S	AA. DIV 6.1B	B	NB	C	S	KK. INFECTIOUS WASTE	B	NB
C	S	H. DIV 2.1 LPG	B	NB	C	S	R. Class 3B	B	NB	C	S	BB. DIV 6.1 Poison	B	NB	C	S	LL. MARINE POLLUTANTS	B	NB
C	S	I. DIV 2.1 (Methane)	B	NB	C	S	S. COM LIQ	B	NB	C	S	CC. DIV 6.1 SOLID	B	NB	C	S	MM. HAZARDOUS SUB(RQ)	B	NB
C	S	J. DIV 2.2	B	NB	C	S	T. DIV 4.1	B	NB	C	S	DD. CLASS 7	B	NB	C	S	NN. HAZARDOUS WASTE	B	NB
																	OO. ORM	B	NB

26. NUMBER OF VEHICLES THAT CAN BE OPERATED IN THE U.S.

	Straight Trucks	Truck Tractors	Trailers	Hazmat Cargo Tank Trucks	Hazmat Cargo Tank Trailers	Motor Coach	School Bus		Mini-bus		Van		Limousine	
							Number of vehicles carrying number of passengers (including the driver) below							
							1-8	9-15	16+	16+	1-8	9-15	1-8	9-15
OWNED			9	150										
TERM LEASED														
TRIP LEASED														

27. DRIVER INFORMATION

INTERSTATE	INTRASTATE	TOTAL DRIVERS	TOTAL CDL DRIVERS
Within 100-Mile Radius	9	9	9
Beyond 100-Mile Radius	0	0	0

28. IS YOUR U.S. DOT NUMBER REGISTRATION CURRENTLY REVOKED BY THE FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION?
 If Yes, enter your U.S. DOT Number. Yes _____ No

29. PLEASE ENTER NAME(S) OF SOLE PROPRIETOR(S), OFFICERS OR PARTNERS AND TITLES (e.g. PRESIDENT, TREASURER, GENERAL PARTNER, LIMITED PARTNER)

1. RICK D HACHT, PRESIDENT
(Please print Name)

2. STEVE HACHT, TREASURER
(Please print Name)

30. CERTIFICATION STATEMENT (to be completed by an authorized official)

I, RICK D HACHT (Please print Name), certify that I am familiar with the Federal Motor Carrier Safety Regulations and/or Federal Hazardous Materials Regulations. Under penalties of perjury, I declare that the information entered on this report is, to the best of my knowledge and belief, true, correct, and complete.

Signature RICK D HACHT Date 10/08/2007 Title PRESIDENT (Please print)

Expiration Date: 07/31/2007

2008-09

**COLUMBIA COUNTY BUSINESS TAX RECEIPT
RONNIE BRANNON, TAX COLLECTOR**

RECEIPT EXPIRES 09/30/2009

RECEIPT NUMBER:
5087

MACHINES ROOMS SEATS EMPLOYEES

BUSINESS TYPE: 000508 PROFESSIONAL OFFICE

H&H LIQUID SLUDGE DISPOSAL INC
RICK D HACHT
P O BOX 609
FT WHITE FL 32038

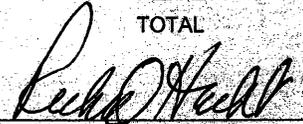
2214947.0001 of 0001
DATE 09/03/2008
0987 LVC
1111 026
PAID 30.00

RONNIE BRANNON TAX C

SUPPLEMENTAL
X RENEWAL 30.00
NEW RECEIPT
TRANSFER

PENALTY 0:00
TOTAL 30.00

LOCATION CTY RD-18
ADDRESS LAKE CITY FL 32038

X 

SIGN AND RETURN WITH PAYMENT

I SWEAR THAT THIS APPLICATION FOR RECEIPT IS MADE FOR THE BUSINESS OR
PROFESSION INDICATED HEREON AND IS TRUE AND CORRECT.

THE APPLICATION MUST COMPLY WITH STATE AND LOCAL ORDINANCE INCLUDING ZONING.

0000003000 0000003000 0000000000001696 1001 6

ACORD CERTIFICATE OF LIABILITY INSURANCE

CERTIFICATE NO. / DATE
 ACCN-16200001-00576
 03/25/2008 01:59 PM

PRODUCER
 Highpoint Risk Services LLC
 14160 Dallas Parkway #500
 Dallas, TX 75254
 (800) 632-5096

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED: (977) 404-4050
 AMS I/C/F:
 H & H LIQUID SLUDGE DISPOSAL, INC (H&H LSD, INC.)
 P.O. BOX 390
 BRANFORD, FL 32008
 (386) 935-1284 Fax: (386) 935-0941

INSURER A: Companion Property and Casualty Insurance Co.
INSURER B:
INSURER C:
INSURER D:
INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR

INSR TYR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRD: <input type="checkbox"/> LOC				EACH OCCURRENCE \$ FIRE DAMAGE (Any One Fire) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/OP AGG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$
	EXCESS LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	WC77779990601	04/01/2008	04/01/2009	<input checked="" type="checkbox"/> WC STATE <input type="checkbox"/> OTH-PR E.L. EACH ACCIDENT \$ 100000 E.L. DISEASE - EA EMPLOYEE \$ 100000 E.L. DISEASE - POLICY LIMIT \$ 100000
	OTHER <input type="checkbox"/>				LIMITS \$ LIMITS \$

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

1. This certificate remains in effect, provided the client's account is in good standing with AMS. Coverage is not provided for any employee for which the client is not reporting wages to AMS. Applies to 100% of the employees of AMS leased to H & H LIQUID SLUDGE DISPOSAL, INC (H&H LSD, INC.), effective 04/01/2008 2. INSURED'S COVERAGE APPLIES ONLY TO THE EMPLOYEES PRINTED ON THE ATTACHED ROSTER. AN UPDATED ROSTER IS AVAILABLE UPON REQUEST BY CALLING (800) 728-0623.

CERTIFICATE HOLDER	ADDITIONAL INSURED; INSURER LETTER:	CANCELLATION
		SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
		AUTHORIZED REPRESENTATIVE 

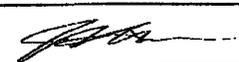


INSURANCE BINDER

DATE (MM/DD/YYYY)
2/27/2009**THIS BINDER IS A TEMPORARY INSURANCE CONTRACT, SUBJECT TO THE CONDITIONS SHOWN ON REVERSE SIDE OF THIS FORM**

AGENCY Green Ragland Group 55 Primera Blvd. Suite 434 Lake Mary FL 32746 PHONE (A/C, No, Ext): (407) 833-0300 FAX (A/C, No): (407) 333-3277 CODE: 45304000 SUB CODE: AGENCY CUSTOMER ID: 00000062 INSURED H&H Liquid Sludge Disposal P.O. Box 390 Branford FL 32008	COMPANY Zurich American Insurance Co.	BINDER # B0922700002
	DATE EFFECTIVE TIME	DATE EXPIRATION TIME
	3/1/2009 12:01	4/30/2009 NOON
THIS BINDER IS ISSUED TO EXTEND COVERAGE IN THE ABOVE NAMED COMPANY PER EXPIRING POLICY #: TBD		
DESCRIPTION OF OPERATIONS/VEHICLES/PROPERTY (Including Location) Per List of Vehicles provided in Proposal Per List of Locations provided in Proposal		

COVERAGES		LIMITS	
TYPE OF INSURANCE	COVERAGE/FORMS	DEDUCTIBLE	AMOUNT
PROPERTY CAUSES OF LOSS <input type="checkbox"/> BASIC <input type="checkbox"/> BROAD <input type="checkbox"/> SPEC			
GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR	RETRO DATE FOR CLAIMS MADE:	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000	
VEHICLE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	Combined single limit PIP-Basic	COMBINED SINGLE LIMIT \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$ MEDICAL PAYMENTS \$ PERSONAL INJURY PROT \$ UNINSURED MOTORIST \$	
VEHICLE PHYSICAL DAMAGE DED <input checked="" type="checkbox"/> COLLISION: \$1K/\$2K <input checked="" type="checkbox"/> OTHER THAN COL: \$1K/\$2K	<input type="checkbox"/> ALL VEHICLES <input checked="" type="checkbox"/> SCHEDULED VEHICLES	ACTUAL CASH VALUE STATED AMOUNT	
GARAGE LIABILITY <input type="checkbox"/> ANY AUTO		AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EACH ACCIDENT \$ AGGREGATE \$	
EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM	RETRO DATE FOR CLAIMS MADE:	EACH OCCURRENCE \$ AGGREGATE \$ SELF-INSURED RETENTION \$	
WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY		WC STATUTORY LIMITS E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$	
SPECIAL CONDITIONS/ OTHER COVERAGES		FEES \$ TAXES \$ ESTIMATED TOTAL PREMIUM \$	

NAME & ADDRESS 	<input type="checkbox"/> MORTGAGEE	<input type="checkbox"/> ADDITIONAL INSURED
	<input type="checkbox"/> LOSS PAYEE	
	LOAN #	
	AUTHORIZED REPRESENTATIVE James Breen/BEKAH 	



INSURANCE BINDER

DATE (MM/DD/YYYY)
2/27/2009**THIS BINDER IS A TEMPORARY INSURANCE CONTRACT, SUBJECT TO THE CONDITIONS SHOWN ON REVERSE SIDE OF THIS FORM**

AGENCY Green Ragland Group 255 Primera Blvd. Suite 434 Lake Mary FL 32746		COMPANY Steadfast Insurance Company	BINDER # B0922700003
PHONE (A/C, No. Ext): (407) 833-0300	FAX (A/C, No.): (407) 333-3277	THIS BINDER IS ISSUED TO EXTEND COVERAGE IN THE ABOVE NAMED COMPANY PER EXPIRING POLICY #: TBD	
CODE: 45304000	SUB CODE:	DESCRIPTION OF OPERATIONS/VEHICLES/PROPERTY (including Location)	
AGENCY CUSTOMER ID: 00000062	INSURED H&H Liquid Sludge Disposal P.O. Box 390 Branford FL 32008		

COVERAGES		LIMITS		
TYPE OF INSURANCE	COVERAGE/FORMS	DEDUCTIBLE	COINS %	AMOUNT
PROPERTY CAUSES OF LOSS <input type="checkbox"/> BASIC <input type="checkbox"/> BROAD <input type="checkbox"/> SPEC				
GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR	RETRO DATE FOR CLAIMS MADE :	EACH OCCURRENCE		\$
		DAMAGE TO RENTED PREMISES		\$
		MED EXP (Any one person)		\$
		PERSONAL & ADV INJURY		\$
		GENERAL AGGREGATE		\$
		PRODUCTS - COMP/OP AGG		\$
VEHICLE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		COMBINED SINGLE LIMIT		\$
		BODILY INJURY (Per person)		\$
		BODILY INJURY (Per accident)		\$
		PROPERTY DAMAGE		\$
		MEDICAL PAYMENTS		\$
		PERSONAL INJURY PROT		\$
		UNINSURED MOTORIST		\$
VEHICLE PHYSICAL DAMAGE DED <input type="checkbox"/> ALL VEHICLES <input type="checkbox"/> SCHEDULED VEHICLES		ACTUAL CASH VALUE		\$
COLLISION: _____ OTHER THAN COL: _____		STATED AMOUNT		\$
GARAGE LIABILITY <input type="checkbox"/> ANY AUTO		AUTO ONLY - EA ACCIDENT		\$
		OTHER THAN AUTO ONLY:		\$
		EACH ACCIDENT		\$
		AGGREGATE		\$
EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input checked="" type="checkbox"/> OTHER THAN UMBRELLA FORM	RETRO DATE FOR CLAIMS MADE :	EACH OCCURRENCE		\$ 1,000,000
		AGGREGATE		\$ 1,000,000
		SELF-INSURED RETENTION		\$ 10,000
WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY		WC STATUTORY LIMITS		\$
		E.L. EACH ACCIDENT		\$
		E.L. DISEASE - EA EMPLOYEE		\$
		E.L. DISEASE - POLICY LIMIT		\$
SPECIAL CONDITIONS/ OTHER COVERAGES	Pollution Liability - \$1,000,000 Each Claim; \$1,000,000 All Claims; \$10,000 Deductible	FEES		\$
		TAXES		\$
		ESTIMATED TOTAL PREMIUM		\$

NAME & ADDRESS		MORTGAGEE	ADDITIONAL INSURED
		LOSS PAYEE	
		LOAN #	
		AUTHORIZED REPRESENTATIVE	
		James Breen/BEKAH	



INSURANCE BINDER

DATE (MM/DD/YYYY)
3/2/2009**THIS BINDER IS A TEMPORARY INSURANCE CONTRACT, SUBJECT TO THE CONDITIONS SHOWN ON REVERSE SIDE OF THIS FORM**

AGENCY Green Ragland Group 55 Primera Blvd. Suite 434 Lake Mary FL 32746		COMPANY Travelers Insurance Company	BINDER # B093200004
PHONE (A/C, No, Ext): (407) 833-0300 FAX (A/C, No): (407) 333-3277		DATE EFFECTIVE TIME 3/1/2009 12:01	EXPIRATION DATE TIME 4/30/2009 12:01 AM
CODE: SUB CODE:		THIS BINDER IS ISSUED TO EXTEND COVERAGE IN THE ABOVE NAMED COMPANY PER EXPIRING POLICY #:	
AGENCY CUSTOMER ID: 0000062		DESCRIPTION OF OPERATIONS/VEHICLES/PROPERTY (Including Location)	
INSURED H&H Liquid Sludge Disposal P.O. Box 390 Branford FL 32008			

COVERAGES		LIMITS	
TYPE OF INSURANCE	COVERAGE/FORMS	DEDUCTIBLE	AMOUNT
PROPERTY CAUSES OF LOSS <input type="checkbox"/> BASIC <input type="checkbox"/> BROAD <input type="checkbox"/> SPEC <input checked="" type="checkbox"/> Scheduled Equipment <input checked="" type="checkbox"/> Unscheduled Equipment	Leased/Rented Eqpt - \$150,000 Max Per Item Scheduled Contractors Equipment		300,000 150,000
GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR	RETRO DATE FOR CLAIMS MADE :	EACH OCCURRENCE DAMAGE TO RENTED PREMISES MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	\$ \$ \$ \$ \$ \$
VEHICLE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	RETRO DATE FOR CLAIMS MADE :	COMBINED SINGLE LIMIT BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE MEDICAL PAYMENTS PERSONAL INJURY PROT UNINSURED MOTORIST	\$ \$ \$ \$ \$ \$ \$
VEHICLE PHYSICAL DAMAGE DED <input type="checkbox"/> COLLISION: _____ <input type="checkbox"/> OTHER THAN COL: _____	<input type="checkbox"/> ALL VEHICLES <input type="checkbox"/> SCHEDULED VEHICLES	ACTUAL CASH VALUE STATED AMOUNT	\$ \$
GARAGE LIABILITY <input type="checkbox"/> ANY AUTO	RETRO DATE FOR CLAIMS MADE :	AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EACH ACCIDENT AGGREGATE	\$ \$ \$ \$
EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM	RETRO DATE FOR CLAIMS MADE :	EACH OCCURRENCE AGGREGATE SELF-INSURED RETENTION WC STATUTORY LIMITS	\$ \$ \$ \$
WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY		E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT FEES TAXES	\$ \$ \$ \$ \$
SPECIAL CONDITIONS/ OTHER COVERAGES		ESTIMATED TOTAL PREMIUM	\$

NAME & ADDRESS H&H Liquid Sludge Disposal Inc. P.O. Box 390 Branford, FL 32008	MORTGAGEE	ADDITIONAL INSURED
	LOSS PAYEE	
	LOAN #	
	AUTHORIZED REPRESENTATIVE James Breen/BEKAH	

The ACORD name and logo are registered marks of ACORD

March 12, 2009

City of Fort Lauderdale
Procurement
100 North Andrews Avenue, Room 619
Fort Lauderdale, Florida 32301

Re: Solicitation 495-10231 - Sludge Disposal Service

To Whom It May Concern:

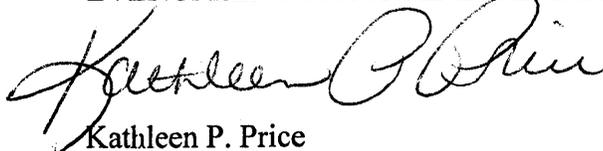
We have reviewed the Proposal of H & H Liquid Sludge Disposal, Inc. for the contract for sludge disposal services.

We understand that Proposals will be received on March 17, 2009 for the above project, and wish to advise that should this Proposal be accepted and the Contract awarded to H & H Liquid Sludge Disposal, Inc., Evergreen National Indemnity Company will provide the required Performance Bond.

Evergreen National Indemnity Company is a 570 Circular Treasury Listed company, with an A- A.M. Best Rating and duly licensed to do business in the State of Florida.

Cordially,

EVERGREEN NATIONAL INDEMNITY COMPANY



Kathleen P. Price
Attorney-In-Fact

EVERGREEN NATIONAL INDEMNITY COMPANY
COLUMBUS, OHIO
POWER OF ATTORNEY

PRINCIPAL H&H Liquid Sludge Disposal, Inc. EFFECTIVE DATE March 17, 2009

CONTRACT AMOUNT _____ AMOUNT OF BOND \$ N/A

POWER NO. BI Consent 1

KNOW ALL MEN BY THESE PRESENTS: That the Evergreen National Indemnity Company, a corporation in the State of Ohio does hereby nominate, constitute and appoint:

*****KATHLEEN P. PRICE*****

its true and lawful Attorney(s)-In-Fact to make, execute, attest, seal and deliver for and on its behalf, as Surety, and as its act and deed, where required, any and all bonds, undertakings, recognizances and written obligations in the nature thereof, PROVIDED, however, that the obligation of the Company under this Power of Attorney shall not exceed

ONE MILLION DOLLARS**

This Power of Attorney is granted and is signed by facsimile pursuant to the following Resolution adopted by its Board of Directors on the 23rd day of July, 2004:

"RESOLVED, That any two officers of the Company have the authority to make, execute and deliver a Power of Attorney constituting as Attorney(s)-in-fact such persons, firms, or corporations as may be selected from time to time.

FURTHER RESOLVED, that the signatures of such officers and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile; and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company; and any such powers so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the Evergreen National Indemnity Company has caused its corporate seal to be affixed hereunto, and these presents to be signed by its duly authorized officers this 15th day of March, 2007.

EVERGREEN NATIONAL INDEMNITY COMPANY



Charles D. Hamm, Jr.

Charles D. Hamm, Jr., President

Timothy C. Ellis

Timothy C. Ellis, Vice President

Notary Public)
State of Ohio)

SS:

On this 15th day of March, 2007, before the subscriber, a Notary for the State of Ohio, duly commissioned and qualified, personally came Charles D. Hamm, Jr. and Timothy C. Ellis of the Evergreen National Indemnity Company, to me personally known to be the individuals and officers described herein, and who executed the preceding instrument and acknowledged the execution of the same and being by me duly sworn, deposed and said that they are the officers of said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of said Corporation, and that the resolution of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at Columbus, Ohio, the day and year above written.



SUE E. DUFFY
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES AUG. 5, 2009

Sue E. Duffy

Notary Public State of Ohio
My Commission expires August 5, 2009

State of Ohio)

SS:

I, the undersigned, Secretary of the Evergreen National Indemnity Company, a stock corporation of the State of Ohio, DO HEREBY CERTIFY that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore that the Resolution of the Board of Directors, set forth herein above, is now in force.

Signed and sealed in Columbus, Ohio this 12th day of March 2009



Charles D. Hamm, Jr.

Charles D. Hamm, Jr., Secretary
Any reproduction or facsimile of this form is void and invalid.

D.

Company Profile

1. H&H Liquid Sludge Disposal, Inc.
6990 US Hwy 27
P.O. Box 390
Branford, FL 32008
2. Telephone: (800) 653-0386
Fax: (386) 935-0941
Email: hhlsd@windstream.net
3. Business Years – 7/24/78 to Present (Total 30 years 3 months)
4. State of Florida
5. Owner: Rick D. Hacht
6991 US Hwy 27
Branford, FL 32008
Res: (386)935-4225
Cell: (386) 365-4770
6. Tax Forms – 3 years attached
 - a. 2005
 - b. 2006
 - c. 2007
7. Current Balance Statement



60 E NW 1st Street
Cape Coral, FL 33901

June 6, 2008

Re: **H & H Liquid Sludge Disposal, Inc.**

To Whom It May Concern:

H & H Liquid Sludge Disposal, Inc. has been a valued client of Mercantile Bank since June of 2005. The company maintains several deposit accounts with current balances of a low 7 figure and an annual average balance of a high 6 figure. The accounts have been handled satisfactory. The bank also extends a low 7 figure secured line of credit. The line currently has a low 6 figure balance outstanding. We also extend several term loans for equipment needs with a current balance of a low 5 figure. All borrowings have been handled as agreed.

If I can be of any further assistance, please feel free to contact me at 352-367-2100.

Sincerely,

Kip Harrison
Senior Vice President

www.mercantilebank.com

E.

Vehicles/Equipment

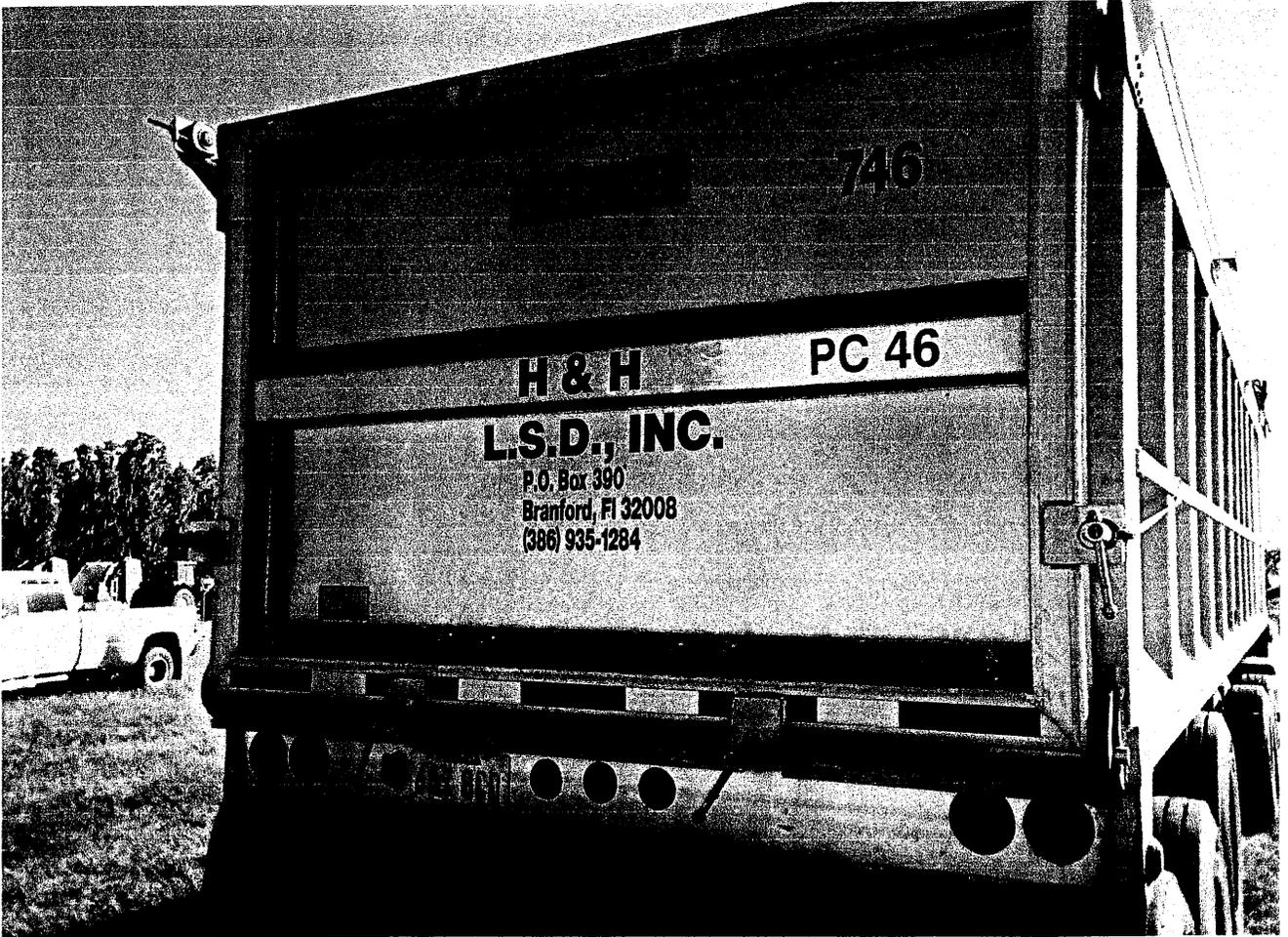
1.

<u>Vehicle Make</u>	<u>Model</u>	<u>Mileage</u>	<u>Condition</u>
<u>Freightliner 2006</u>	<u>Tractor</u>	<u>150,000</u>	<u>Excellent</u>
<u>Freightliner 2006</u>	<u>Tractor</u>	<u>200,000</u>	<u>Excellent</u>
<u>Freightliner 2006</u>	<u>Tractor</u>	<u>175,000</u>	<u>Excellent</u>
<u>Montone 2007</u>	<u>Dump Trailer</u>	<u>25,000</u>	<u>Excellent</u>
<u>Montone 2007</u>	<u>Dump Trailer</u>	<u>25,000</u>	<u>Excellent</u>
<u>Montone 2007</u>	<u>Dump Trailer</u>	<u>25,000</u>	<u>Excellent</u>
<u>Montone 2007</u>	<u>Dump Trailer</u>	<u>25,000</u>	<u>Excellent</u>
<u>Montone 2007</u>	<u>Dump Trailer</u>	<u>25,000</u>	<u>Excellent</u>
<u>Montone 2007</u>	<u>Dump Trailer</u>	<u>25,000</u>	<u>Excellent</u>

2. Vehicle and Equipment Maintenance –

All tractors are leased from Penske Leasing Co. Penske Truck Center maintains the records at maintenance on each tractor, which is averaged seen once per month. Driver does a daily VCR that is required by D.O.T. When ever a repair is needed, it is immediately taken into the 24 hour shop for repair.

Department of Transportation requires all dump trailers to be inspected daily before road usage. All trailers are relatively new and only require a yearly DOT inspection. If any trailer needs repair, trailer is scheduled for immediate repair at local Fort Lauderdale repair shop (Truck Masters) and tire companies (Consolidate Tire and Central Tire).



F.

Treatment Facilities

1. Okeechobee Landfill – Steve Sweeney – (954) 275-6285
2. Omni Landfill – Jim Spencer – (407) 908-3666
3. Charlotte County Landfill – Vinny LiCaudi – (941) 764-4591
4. Waste Management Chesser Island – Jennifer Sweeney – (904) 588-3081
5. Pompano Beach Landfill – George Kubas – (305) 793-2558

G.

Joint Venture

N/A

H.

Disputes, Litigation and Defaults

N/A

I

Qualifications/Experience

1. History of Company
2. Local Contracts

Liquid Sludge Disposal

H & H

Inc.

P.O. Box 390 · Branford, Florida 32008 · (800) 653-0386

I

1. H&H Liquid Sludge Disposal, Inc.
History and Documented Operations

H&H LSD, Inc was started in May of 1978 by the co-founder and President Rick Hacht. His original partner was Harry Huizenga who helped develop Waste Management. It was there on Mr. Huizenga's ranch where Mr. Hacht permitted the State's first ever land utilization site for domestic sludges.

In 1989, Mr. Huizenga retired and transferred his H&H stock to his son-in-law Harris Whit Hudson. Mr. Hudson had formerly been with Waste Management, Inc. and at the time of his stock transfer, he had started Hudson Management. Later he became part owner of Republic Waste Industries, Inc. and served as their President. In 1996, Mr. Hacht purchased Mr. Hudson's stock and became sole owner of H&H LSD, Inc.

In 1978, Mr. Hacht when he was an environmental enforcement officer visualized and knew that with Florida's rapid growth rate in Cities and Counties that they would be burdened with their handling and disposing of both water and wastewater plant sludges. It was this reason that Mr. Hacht formed a service company for hauling and disposing of domestic and industrial liquid and dewatered sludges.

Over the past 30 years, H&H has become a full service Company involved with agricultural site permitting, press dewatering, lime-stabilization, landfill leachate hauling, biosolids composting, lift-station emergency pumping, operating wastewater treatment plants, and marketing compost and pelletize biosolid products.

Since its beginning, H&H has developed an excellent rapport with City and County Utilities statewide. The Company is proud of its past performance and its present day reputation of having the best and most dependable company in the waste industry. The Company takes pride in having accepted the challenge of biosolid utilization and is extremely pleased with its skillful ability to handle numerous contracts at the same time.

To date the Company averages 100 employees that consists of loyal administration personnel, dedicated supervisors, conscientious professional truck drivers, and field personnel. All are trained to be courteous and helpful in servicing City and County Utilities.

Company equipment is the best in the waste industry. All company tractors are late models that pull tankers and dump trailers that are routinely reconditioned and modified to perform the best possible service. All trailers are DOT approved and are maintained at DOT certified facilities.

In the past 30 years, H&H has been the primary company in providing statewide hauling and disposal services. Many of the same Cities and Counties have been for years continuous customers. They include Cities like City of Sunrise, City of Margate, City of Plantation, City of Fort Lauderdale, City of Hollywood, City of Tampa, City of St.

Petersburg, City of Jacksonville, City of Miami-Dade, City of West Palm Beach, City of Orlando, and many others. Counties such as Pinellas County, Clay County, Brevard County, Broward County, Palm Beach County, Orange County, Manatee County, Hillsborough County and many others.

Since H&H's inception, it has been contracting with cities and counties to help provide for the needs in the water and wastewater industry. In the 30 years of doing business, the company has become a full service establishment that can perform various tasks in water and wastewater such as:

- 1) Transporting liquid and dewatered solids.
- 2) Land-applying Class "B" or Class "AA" residuals to the citrus groves, farms, nurseries, ranches, and sod fields.
- 3) Dewatering wastewater or manufacturing process sludges with filter belts and plate presses.
- 4) Chemically treating and stabilizing by lime, waste activated or non-vector treated biosolids.
- 5) Composting Class "B" biosolids to Class "AA".
- 6) Marketing Class "AA" to agricultural, commercial and retail distributors.

H&H's primary objective will be to continue to service Florida Cities and Counties at fair prices and provide the latest waste technologies available.

I

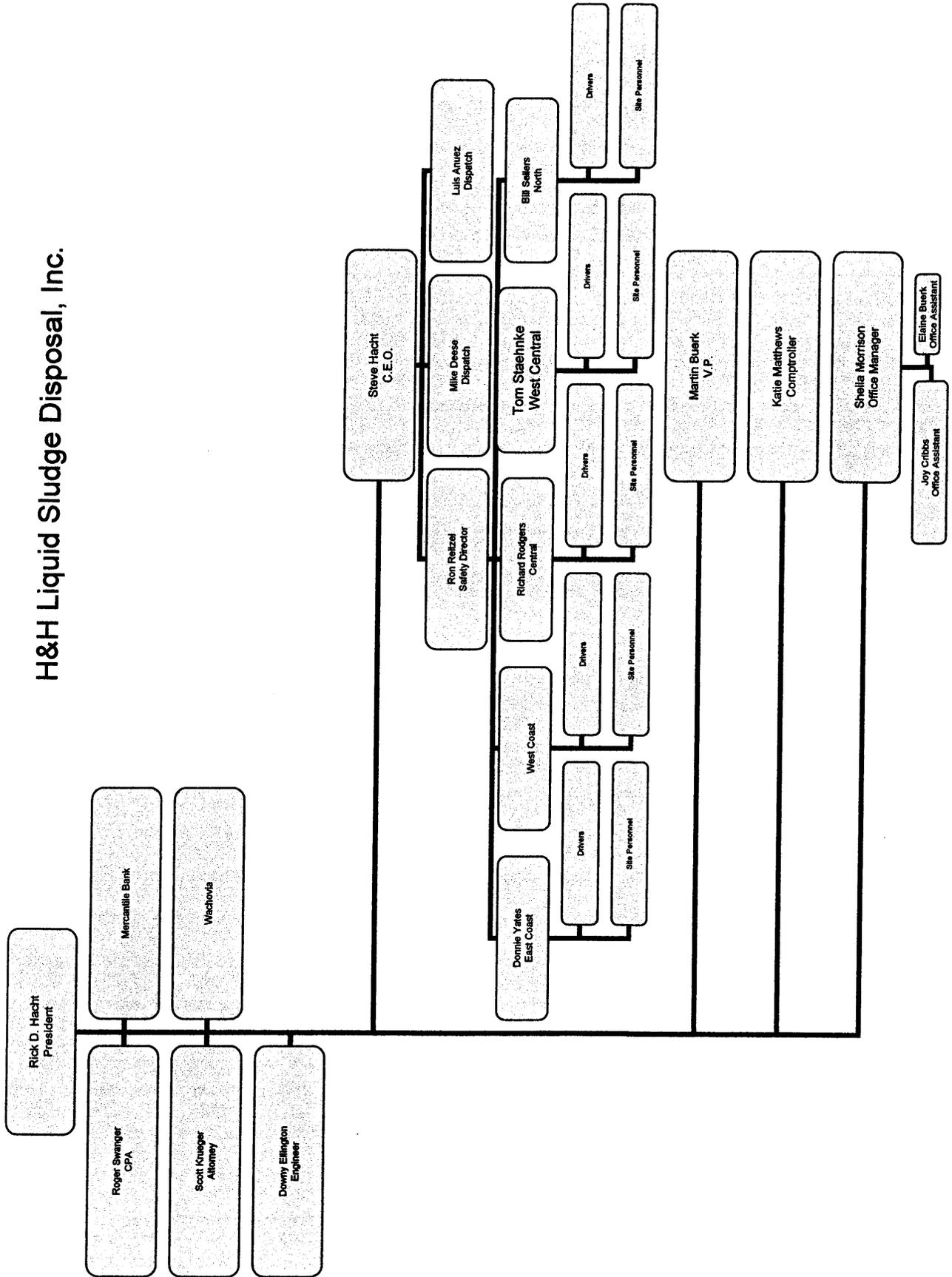
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Local Contracts

H&H Liquid Sludge Disposal, Inc. has been servicing South Florida WWTPs for over 30 years. Present hauling contracts include:

- A. City of Sunrise
- B. City of Plantation
- C. City of Boca Raton
- D. Ferncrest Utilities
- E. City of Pembroke Pines
- F. Coral Springs Improvement District
- G. City of Clewiston
- H. City of Delray
- I. City of Margate
- J. City of Cooper City
- K. Town of Davie
- L. Loxahatchee River District
- M. City of Miramar
- N. City of Moorehaven
- O. Palm Beach County
- P. Miami-Dade Virginia Key
- Q. Miami-Dade South
- R. Hutchinson Island (Severn Trent)

H&H Liquid Sludge Disposal, Inc.



H&H Liquid Sludge Disposal

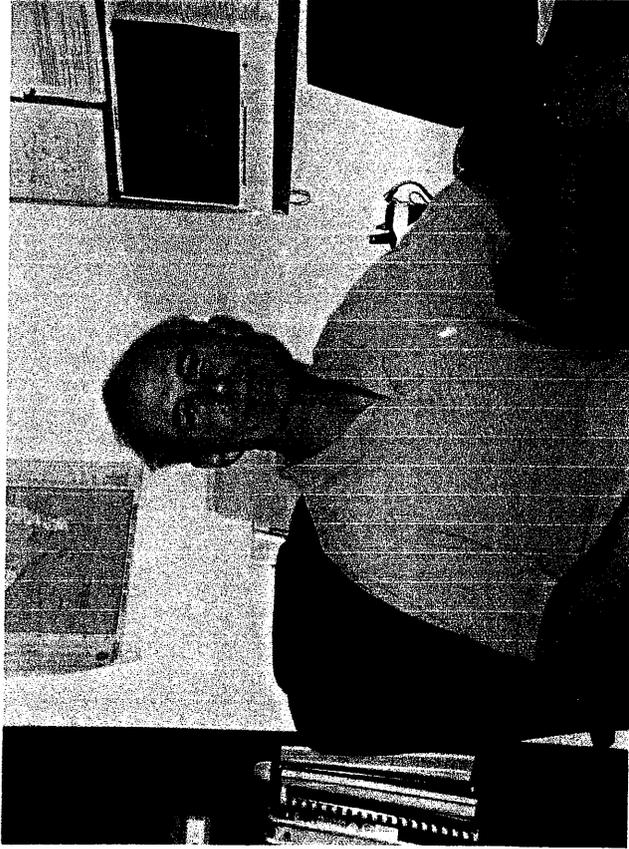


Rick D. Hacht
President

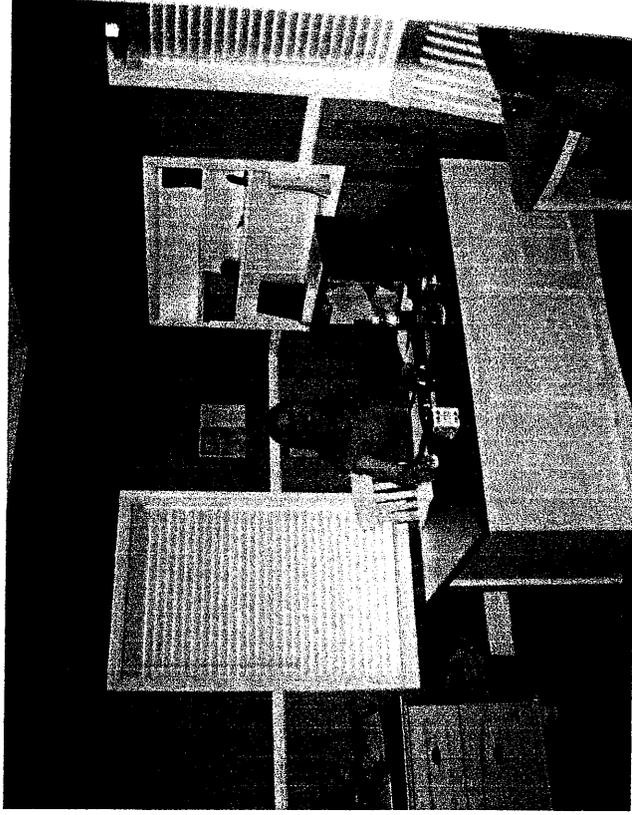


Steve Hacht
CEO

H&H Liquid Sludge Disposal

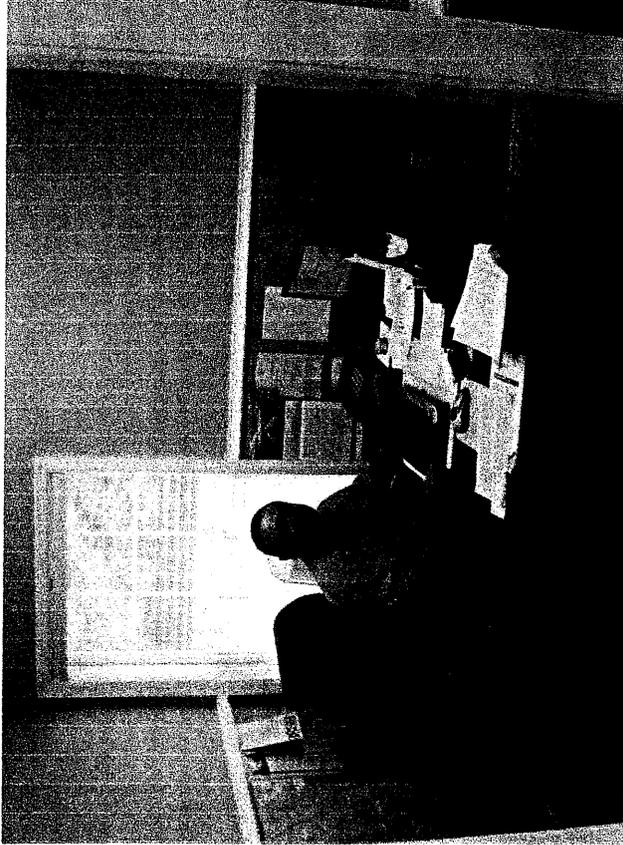


Martin Buerk
VP

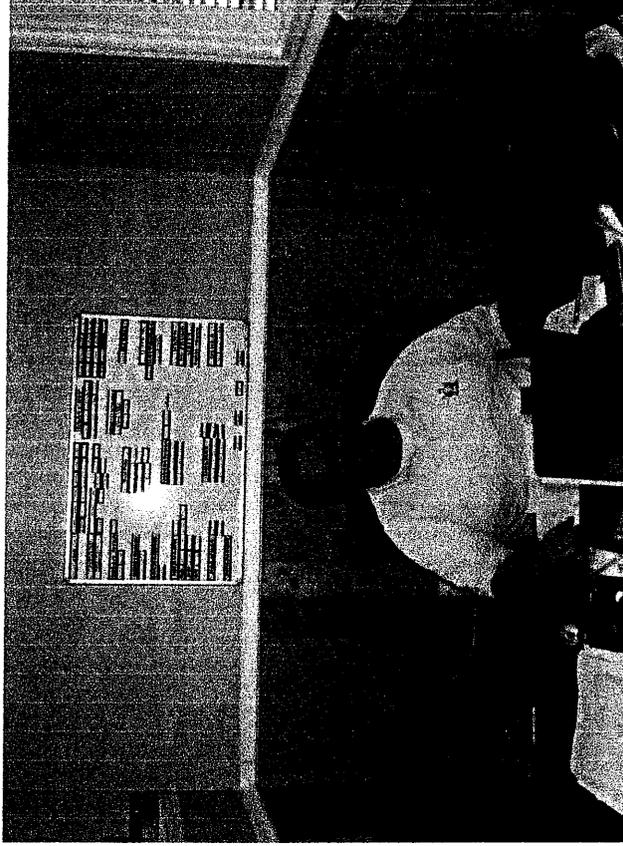


Katie Matthews
Comptroller

H&H Liquid Sludge Disposal

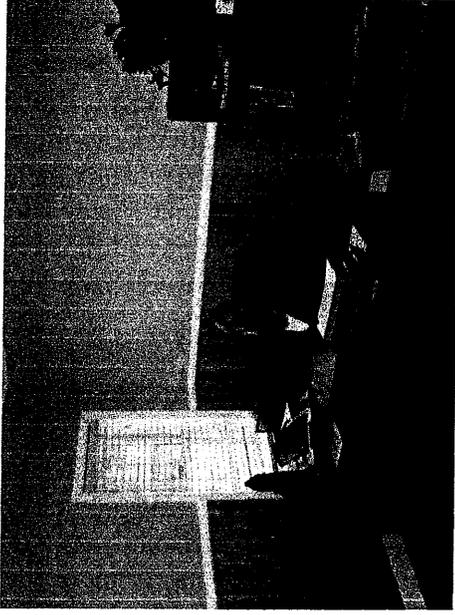


**Luis Anuez
Dispatch**

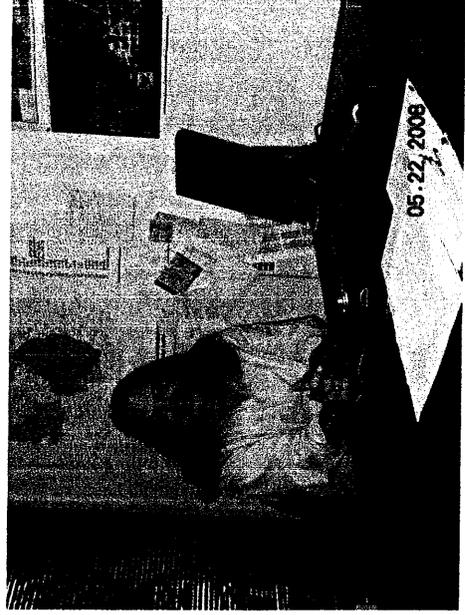


**Mike Deese
Dispatch**

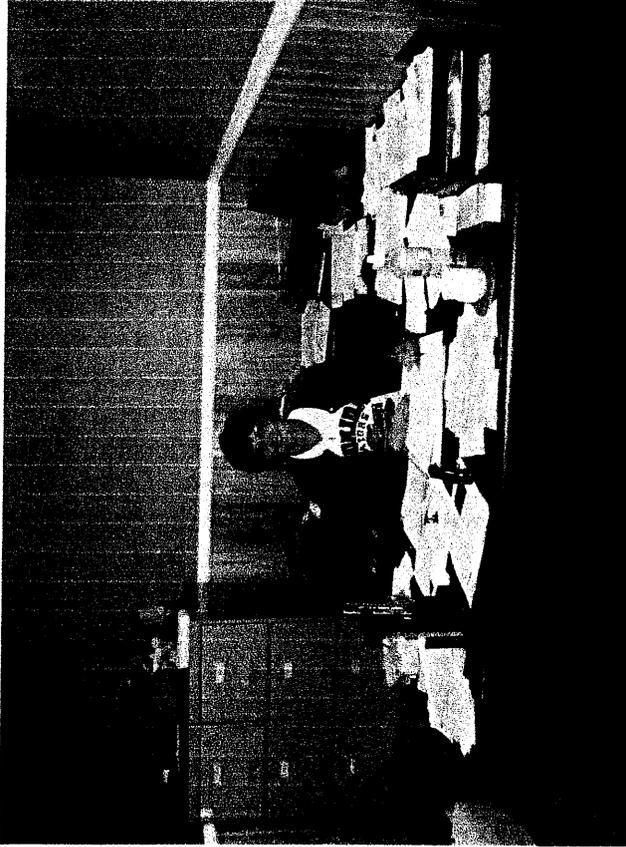
H&H Liquid Sludge Disposal



Joy Cribbs
Office Assistant



Elaine Buerk
Office Assistant



Sheila Morrison
Office Manager

Resumes

Rick D. Hacht 61 – President/Owner

Mr. Hacht graduated from Northern Michigan University in 1969 with a B.S. in Biology. Upon graduating he accepted a position with the Broward County School Board System in Florida as a teacher and coach. Afterwards, he received a position with Broward County Environmental Control Board as an Enforcement Compliance Officer. While there, he became aware of the need and potential for a private sludge hauling service. In May of 1978 he formed H&H with his original partner, Harry Huizenga, and began operations. Since that time, H&H has grown statewide into a full service quality company. It was the first company in Florida to establish a privately owned sludge utilization site.

Martin Buerk 58 – Vice President

Mr. Buerk graduated from Tulane University, with graduate studies in Waste Water at California State, Michigan State University, and the University of Florida. Mr. Buerk joined H&H to work in all phases of a growing environmental service company. His responsibilities have included developing monitoring programs, reporting procedures and streamlining federal operations to keep up with the expanding company. Initially, he was responsible for all South Florida Operations such as trucking, scheduling, site management and customer relations. Today, Mr. Buerk works primarily as an engineer and chemist. He has preformed all required laboratory analyses and bacteriological studies for the State Regulatory Reporting and Process Control. He has trained plant operators in detailed qualitative chemical analysis and gravimetric lab procedures. He also assists counties in Engineering Development plans.

Steve Hacht 38 – Florida General Operations Manager

Mr. Hacht, son of the owner-president, has been with the company for 15 years. He started as a front-end loader operator, farm tractor and spreader driver at various land application sites on the West Coast. He has learned the mechanical aspects of spreading liquid and cake sludges across pastures and orange groves in an environmentally safe manner. He was promoted to Safety Director for the entire company where he traveled statewide to all company operations. He enrolled in several D.O.T. seminars and learned the various Federal and State Rules and Regulations concerning motor vehicles. He attended mechanical classes given by Great Dane, Inc. and Fruehauf Corp. concerning tractor and trailer repairs and maintenance. In September of 1992, he was appointed West Coast Operations Manager. He managed truck drivers, two lime stabilization plants, a compost facility, and all land application sites. Presently he oversees all operational managers in North, Central, and South Florida, and all operational functions in the company.

Thomas Staehnke 54 – Central Florida Operations Manager

Mr. Staehnke has been in the trucking industry for over 25 years. During this time he has been involved in almost every aspect of the industry. His experience includes but is not limited to: all aspects of loading trucks, has a current CDL A license, has handled heavy equipment, was an Operations Manager for both Preston Trucking and Transhield Trucking, and owned his own trucking company for more than 15 years. He joined H&H as the Fleet Safety Manager where he performed all equipment inspections and maintained D.O.T. records needed for owner-operators and company drivers. Recently he has been promoted to handle all Central Florida Operations including managing the agriculture sites.

Ron Reitzel 59 – Fleet Safety Director

Mr. Reitzel has worked his entire life in the waste industry. He started working with Frenz Enterprises, Gary Hammond Environmental Services and after many years, he went into his own biosolids business located in South Florida. There he did a very reputable job at several municipal locations. In 2003, he sold his business equipment to H&H LSD, Inc. Recently, he has become the Fleet Safety Director for H&H. He handles all safety conditions with company personnel and routinely checks tractors, trailers, farm spreading equipment, and loaders for proper maintenance and safety. He is responsible for over 200 company owned or leased pieces of equipment.

Luis Anuez 46– West Coast and South Florida Dispatch

Mr. Anuez has worked in the trucking industry for many years. He started with H&H as an owner operator and then joined the company as a field supervisor. He now dispatches over 30 trucks, schedules loads with the plants and communicates with all the supervisors and field personnel. He is a valuable asset to our company because of knowledge of all aspects of our business.

Mike Deese 38- Central and North Florida Dispatch

Mr. Deese has experience in the logging industry, also having knowledge of general business operations and management practices. He currently dispatches 21 trucks, schedules loads with the plants and communicates with all supervisors and field personnel.

Katie Hacht Matthews 31 – Comptroller

Mrs. Matthews, daughter of the owner-president, graduated with a B.S. degree in Geology from Florida State University. She worked for the Florida Geological Survey performing interpretations of well cores and cuttings determining soil compositions and types for all areas of Florida. She was then hired as an Oil Field Engineer for Schlumberger where she ran open hole analyses for major oil companies, supervised field crews and was a radiation safety officer. Mrs. Matthews joined H&H in 2002 as the company comptroller. She currently is responsible for all financial reporting, equipment maintenance records, employee benefits and technical support.

Sheila Morrison 48 – Office Manager

Mrs. Morrison has been working with the company for 19 years. She has the experience and expertise to coordinate several phases of the business. She is presently responsible for account receivables, contract review, payroll, posting, and banking. Mrs. Morrison's computer efficiency, organizational skills and attention to detail makes her a valuable asset to the company.

Joy Cribbs 30 – Office Assistant

Mrs. Cribbs has recently joined H&H as an office assistant. She has experience with various office duties. She was a co-owner of Central Dozer Service where she was responsible for payroll, dispatching, preparing bids, and employee management. Presently, Mrs. Cribbs is responsible for recording and tracking of manifest loads, maintaining D.O.T. driver files, and oversees all Qualcomm communications.

L.

Communication

All tractor units have satellite Qualcomm units that tracks all truck movements on highway, driver computer digital communication, fuel usage and tractor/driver performance. All drivers have company cell phones carried by drivers and workers.

City communication is made available 24 hours and 7 days a week with company dispatchers at (800) 653-0386 and dispatcher number (386) 365-4340.

H&H offices are open 5 days a week, Monday-Friday from 7:30 a.m. – 5:00 p.m.

M.

Management Reports

- 1. Vehicle Condition Reports**
- 2. Trailer Checklist**
- 3. Accident Procedures**
- 4. Spill Report Forms**
- 5. Manifest**
- 6. Land Application Report**
- 7. Company Policy, Substance Abuse Programs, Safety Statement, Newsletter, Evaluation Forms, Standard Operating Procedures, EEO**
- 8. Drug-free Workplace**
- 9. State of Florida Department of Protection Summaries**
- 10. Safety Certification**
- 11. Affirmative Action Certificate**



Liquid Sludge Disposal, Inc.

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2. **Company Policy**
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4. **Drug Free Workplace**
5. **Substance Abuse Program**
6. **EEO Statement**
7. **Safety Statement**
 - A. **Newsletter**
 - B. **Employee Certificate**
8. **Hospitalization Program**
9. **Drivers Daily Check List**
10. **Trailer Inspection Form**
11. **Spill Procedures & Spill Forms**
12. **In Case of a Motor Vehicle Accident**

SPS

SLUDGE
PASTEURIZING
SYSTEM

CYCLING WASTE
TO A RESOURCE

Liquid Sludge Disposal

H & H

Inc.

P.O. Box 609 • Ft. White, Florida 32038 • (800) 653-0386



Company Policy

It is the intent of H&H Liquid Sludge Disposal, Inc. to establish and implement a company policy for its employees and its company employee corporation, H&H LSD, Inc. This policy will help to ensure the team workmanship, safety and productivity in our work place along with providing courteous relationships with the customers we serve and the general public.

This Company Policy becomes the current policy and supersedes any past policies or understandings.

SPS

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PASTEURIZING
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TO A RESOURCE

Liquid Sludge Disposal

H & H

Inc.

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H&H Liquid Sludge Disposal, Inc. Company Policy

- 1) The employee is to come to work dressed appropriately that represents a clean and neat appearance.
- 2) The employee is expected to perform duties as assigned by the company officers and his/her supervisors.
- 3) The employee is expected to perform work with a good attitude towards supervisors, co-workers, client personnel, and property (farm/ranch) managers.
- 4) Employees are expected to perform work without delays (idle stops and pauses) and not to loiter around.
- 5) Regardless of circumstances, a customer, farmer or rancher is always right. Do not argue. Contact a supervisor.
- 6) Employees are not allowed to use alcohol or drugs while on company time or while operating machinery.
- 7) Employees must keep a daily time card indicating work start time and end time. If sick, the employee must notify the main office by 8:00 a.m. that day or it will be considered that the employee quit. The number to call is (800) 653-0386; voicemail is available.
- 8) Employees shall not neglect the regular maintenance of equipment and/or repairing of equipment. Equipment neglect, damage, and abuse will result in employee discharge.
- 9) The employee is expected to notify supervisors of any knowledge of destruction of equipment, tools, grounds, or theft (if observed), by other employees.
- 10) Once hired, all employees are on a 6 month or 180 day probation with our company. After the probation period, your performance will be reviewed by your supervisor.
- 11) All company vehicle drivers are required to take their autos or trucks to company approved vendors for routine and major maintenance. You may have to make your own transportation arrangements.
- 12) All employees are required to make a log book. These logs must be turned in at the end of the week.
- 13) All employees are required to work overtime when it deems necessary. You must be available to work seven days a week. Failure to work could result in termination.
- 14) Federal and State laws forbid employees to have passengers in their tractors. Failure to keep this rule will result in termination.

Updated 01/01/2005

Revised 10/01/2002

- 15) Any supervisor or company employee that is a passenger in a company vehicle must have an approved letter from the company office stating the date, time and purpose of riding with the driver.
- 16) All company vehicle insurance, by law, becomes void with an unapproved riding passenger.
- 17) All drivers must keep a daily vehicle inspection report and repair log in their truck at all times. Failure to have these reports could result in DOT fines.
- 18) If an accident occurs either on/off the highway, drivers are required to fill out an insurance accident report form along with a signed written statement. The main office and supervisor must be notified immediately.
- 19) All drivers must be aware that new Federal/State laws require disciplinary actions against drivers who abuse their equipment and cause preventable highway accidents. These actions require an immediate drug/alcohol test and a one to three day suspension.
- 20) All employees must sign substance abuse agreement.
- 21) H&H LSD, Inc. is a drug free workplace. All new hires shall be tested for drug abuse prior to starting work. All employees are subject to a random drug/alcohol screening throughout the calendar year.
- 22) All employees verbally agree to keep all company policies, business practices, and good customer relations.

Employee Name

Employee Signature

SPS

SLUDGE
PASTEURIZING
SYSTEM

Liquid Sludge Disposal

H & H

Inc.

CYCLING WASTE
INTO A RESOURCE

P.O. Box 609 • Ft. White, Florida 32038 • (800) 653-0386



Personnel Rules & Regulations

I. The Plan

- a) All wages will be based on the existing pay period, which is one week in duration. Sunday is the first day and Saturday is the last day of the pay period.
- b) Overtime pay may be given if directed by your supervisor. Overtime shall be paid for hours worked in excess of 40 hours per week. The rate for overtime pay shall be the employee's regular time rate plus half of that regular time rate.
- c) Any employee not working on a Company Holiday will get 8 hours of regular time pay. Overtime starts after 48 hours of the work week with Company Holidays.
- d) The company does not pay double during vacation time (working and taking vacation pay). Employees are encouraged to take annual vacations.

II. Probation Period

A probation period shall be regarded as an integral part of the company for observing employee's work attitude, habits, training, and production. The probation period is 6 months or 180 days. During this period, employees shall not be entitled to any rights of appeal and could be subject to demotion, suspension, disciplinary action, and dismissal without prior notice or filing of specific charges.

- a) Annual Wage Increase- A cost of living will be given on the employee's starting anniversary date.
- b) Raises- Employees will be evaluated on a periodic basis for possible wage increases. Raises are subject to budget limitations of the company.
- c) Bonuses- Occasionally, the company may be able to give an employee extra revenue beyond the employee's wage.

III. Resignations

Any employee wishing to leave the company in good standing shall file with the office a 2 week or 14 day notice prior to leaving. Failure to give notice may result in an unsatisfactory reference.

IV. Company Re-Organization or Lay-Off

The Company shall reserve the right to vacate, abolish, or discontinue a particular position due to a lack of funds, shortage or work changes in organization or changes in the responsibility of the company.

V. Suspension and Termination

The company may suspend an employee without pay at any time for poor work attitude, disciplinary purposes or other just cause. Any employee indicated or charged with a felony may be suspended without pay until such charge is dismissed by the prosecuting attorney or until a decision settling the case is rendered. Any employee who reports to work unfit or whose conduct is detrimental to the company's service may be suspended immediately.

VI. Leave Benefits

- a) Vacation- An employee is entitled to one week vacation pay after working for the company for 12 consecutive months. Two weeks of vacation pay will be given after the employee has worked consecutively for 48 months.

An employee must request his/her vacation dates in writing at least 30 days prior to the intended leave. Vacations are encouraged to be taken between the months of June and September in one week increments. One day vacations are not permitted.

Vacation conflicts with other personnel will be resolved by a supervisor. Seniority will generally rule when appropriate.

- b) Funeral Leave- Emergency leave will be granted to employees in the event of a death in their immediate families. This includes their spouse, children, parents, brothers, sisters, or grandparents. Three paid days will be granted for this leave.
- c) Sick Leave- Employees will receive three paid sick days per year. No written notice from a doctor is needed. Employees must call in daily with a progress report. After three continuous sick days, an employee must provide a written doctor's about the condition. Wages will be determined at the discretion of the supervisor.

VII. Legal/Company Paid Holidays

Employees must work a minimum of 4 hours on the work day (Monday through Friday) preceding or following the paid holiday in order to receive the 8 hours of regular time pay. Any exceptions need to be approved by a supervisor prior to the paid holiday.

The company paid holidays are the following:

New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day, and Christmas Day

VIII. Other Benefits

All employees that work a minimum of 35 hours per week and have been employed for 90 consecutive days are eligible for company group health insurance. If the employee chooses to participate in the program, the company will pay 80% of the employee's premium. It will be the employee's responsibility to pay for any additional coverage and cost to have a spouse, children, or family on the plan.

IX. Reasons for Discipline or Dismissal

- a) Verbal or physical abuse towards another employee, customer, or property owner.
- b) Misuse or unauthorized use of company equipment, tools, vehicles, or machines.
- c) Theft.
- d) Falsification of personal or company operational records, either verbally or in writing.
- e) Being habitually tardy or absent from work.
- f) Incompetence, inefficiency or repeated neglect of assigned duties.
- g) Unauthorized absence from work.
- h) Use of alcohol while on company time.
- i) Drug abuse.
- j) Discrimination towards a fellow employee.
- k) Making false or malicious statements concerning the company or any employee
- l) Disregard of rules, orders or instruction issued by the company or the employee's supervisor.
- m) Purposely recording incorrect information into the Qualcomm system.

III. POLICY AND WORK RULE

The Company's policy is to employ a work force that is free from use, possession, or sale of illegal drugs and that does not abuse alcohol either on or off the job. Any employee determined to be in violation of this policy is subject to disciplinary action, which may include termination, even for the first offense.

It is a standard of conduct of employees of H&H L.S.D., Inc. / H&H Residual Services, Inc. that employees shall not use illegal drugs or abuse alcohol. In order to maintain this standard, H&H L.S.D., Inc. / H&H Residual Services, Inc. shall establish and maintain the program and rules set forth below.

A. DRUG-FREE WORK PLACE PROGRAM MONITORING

The success of the Drug-Free Workplace program will be checked by means of tests for illegal drugs. All employees are eligible to be tested as outlined below. The following types of tests for illegal drugs will be routinely administered:

1. Job applicants will be tested for illegal drug use as a part of the job interview process.

2. Employees will be tested for illegal drug use as a part of any company fitness-for-duty medical examination.

3. Employees who exhibit behavior commonly attributed to alcohol and drug abusers will be tested for illegal drug use if there is good reason to suspect that the cause is alcohol or drug abuse related. A copy of documentation supporting reasonable suspicion testing will be provided to the employee upon request and will be retained confidentially by

for at least one year. Employees who cause, or are injured in, an accident on the job will be tested for illegal drug use.

4. Any employee who successfully completes an alcohol or drug abuse rehabilitation program and returns to work may be tested as often as quarterly for illegal drug use for two years thereafter.

B. CONSEQUENCES OF ILLEGAL DRUG USE OR REFUSAL TO BE TESTED

Job applicants or employees who refuse to be tested for illegal drugs under the previously stated conditions or who receive a positive confirmed test result will be disciplined as outlined below.

1. Job Applicants who test confirmed positive for illegal drugs or who refuse to be tested will not be hired.

2. In the routine situations previously outlined in A., 1.-4., above, employees who refuse to be tested for illegal drugs or alcohol use or who receive a positive confirmed test result may be terminated, even for the first offense.

3. In on-the-job accident situations employees who refuse to be tested for illegal drugs or alcohol use or who receive a positive confirmed test result may be terminated and may receive neither Workers' Compensation Medical Payments nor Indemnity Payments.

C. CHALLENGES TO CONFIRMED POSITIVE TEST RESULTS

A Job Applicant or employee who receives written notification of (1) a confirmed positive test result and (2) the consequences to the employee of that result will have the opportunity within five (5) working days to explain or contest the result. If the explanation or challenge of the positive test result is judged unsatisfactory by H&H L.S.D., Inc., / H&H Residual Services, Inc. the job applicant or employee will be provided with a written explanation as to why the explanation of the positive test result was unsatisfactory, along with a written report of the positive test results within fifteen (15) working days. If the test was for reasonable suspicion, the employee will receive in writing within 7 days after the test, if requested, detail of the circumstances which formed the basis of the determination that enough reasonable suspicion existed to warrant the testing. During the 180 day period after written notification of a positive test result, the employee who has provided the specimen shall be permitted by the employer to have a portion of the specimen retested, at the employee's expense. Such retesting shall be done at another HRS licensed or NIDA approved laboratory, as appropriate, chosen by the employee or job applicant. All such documentation will be kept confidential and retained by

for at least one year.

Should the job applicant or employee then choose to further pursue the challenge, the following options to the employee are also available: (1) Any rights under applicable collective bargaining agreements may be exercised, (2) a claim for benefits may be filed with a Judge of Compensation pursuant to Chapter 440 F.S. in the case of a work place injury, or (3), if no injury has occurred, a challenge may be undertaken in a court of competent jurisdiction. It will now be now be the employee's responsibility to notify the laboratory to retain the sample until the case is settled.

D. CONFIDENTIALITY OF DRUG TESTING INFORMATION

All written reports and related information received by H&H L.S.D., Inc. / H&H Residual Services, Inc. laboratories, employee assistance programs, drug and alcohol rehabilitation programs, and their agents will be held in strictest confidence and will not be disclosed except in accordance with Florida Statutes or otherwise legally disclosed. Release of such information under any other circumstances shall be solely pursuant to a written consent form signed voluntarily by the person tested. Information on drug test results shall not be released or used in any criminal proceeding against the employee or job applicant. H&H L.S.D., Inc. / H&H Residual Services, Inc. agents of H&H L.S.D., Inc. / H&H Residual Services, Inc. and the laboratory conducting a drug test will, however, have access to drug test information when consulting with legal counsel in connection with actions brought against them when the information is relevant to its defense in a civil or administrative matter.

E. CONFIDENTIAL REPORTING OF LEGAL DRUG USE

H&H L.S.D., Inc., / H&H Residual Services, Inc. knows that eventually most people need to take medications to combat various illnesses. Employees must realize, however, that many prescription and non-prescription drugs will alter or affect a drug test. An employee could possibly test positive for an illegal drug when actually just taking drugs prescribed by a doctor or drugs bought at a drug store. Drugs known to alter or affect a drug test, along with the name of the testing laboratory, are listed at the end of this policy letter. Employees who want more technical information about prescription and non-prescription medications may consult the testing laboratory. To avoid the potential problems created by a false test result H&H L.S.D., Inc. / H&H Residual Services, Inc. has implemented procedures to enable employees to confidentially report the use of prescription and non-prescription medications both before and after being tested. You must report your use of all medications to your supervisor or the personnel officer before beginning work for two reasons: (1) To avoid mistaken results in the event you must be tested for illegal drugs and, (2), because most medications affect alertness and motor skills, it may be dangerous for you to perform your regular job, especially if it involves operating machinery or vehicles; use of most medications under these circumstances would be a serious safety violation.

F. EMPLOYEE ASSISTANCE PROGRAM

H&H L.S.D., Inc. / H&H Residual Services, Inc. maintains an Employee Assistance Program (EAP) that consists only of providing help to refer employees and their families who suffer from alcohol or drug abuse problems to local drug and alcohol rehabilitation centers. A list of the names, telephone numbers, and addresses of local drug and alcohol rehabilitation centers is maintained in the main office. The costs of these outside services are the employee's responsibility.

Any employee who has not previously tested positive for drug use and has not yet entered an alcohol and/or drug abuse rehabilitation program, may seek assistance for drug and alcohol problems before they lead to disciplinary actions. No employee will be discharged, disciplined, or discriminated against solely upon the employee's voluntarily seeking treatment for a drug/alcohol-related problem. On the other hand, employees voluntarily seeking assistance are not immune from disciplinary action when facts showing a violation of this policy are obtained outside of the Employee Assistance Program.

Through the EAP, H&H L.S.D., / H&H Residual Services, Inc. will attempt to provide appropriate referral to drug and alcohol abuse rehabilitation programs. Such employees may be granted leave without pay with a conditional return to work, depending on successful completion of the agreed-upon appropriate treatment regimen, which shall include periodic testing after return to work.

If any employee wishes to pursue help through the EAP, please contact a Company Officer or a local rehabilitation center. (Names, addresses, and telephone numbers of EAP and/or local drug and alcohol

rehabilitation centers available to employees are maintained at the main office.)

G. AUTHORITY TO ESTABLISH A DRUG-FREE WORK PLACE PROGRAM

H&H L.S.D., Inc. / H&H Residual Services, Inc. Drug-Free Work Place Program has been established in accordance with Florida Law; specifically F.S. Section 440.101. Drug-free Workplaces, F.S. 440.102. Drug-free program requirements, and Administrative Rules Numbered 38F-9.001 through 38F-9.001-.013, Workers' Compensation Drug Testing.

H. OVER-THE-COUNTER AND PRESCRIPTION DRUGS WHICH COULD ALTER OR AFFECT THE OUTCOME OF A DRUG TEST

ALCOHOL Liquid medications containing ethyl alcohol (ethanol). Please read the label for alcohol content. As an example, Vick's Nyquil is 25% (50 proof) ethyl alcohol; Comtrex is 20% (40 proof); Contac Severe Cold Formula Night Strength is 25% (50 proof) and Listerine is 26.9% (54 proof).

AMPHETAMINES Abetrol, Biphedamine, Desoxyn, Dexedrine, Didrex

CANNABINOIDS Marinol (Dronabinol, THC)

COCAINE Cocaine HCl topical solution (Roxanne)

PHENCYCLIDINE Not legal by prescription

METHAQUALONE Not legal by prescription

OPIATES Paregoric, Parepectolin, Donnagel PG, Morphine, Tylenol with Codeine, Empirin with Codeine, APAP with Codeine, Aspirin with Codeine, Robitussin AC, Guiatuss AC, Novahistine DH, Novahistine Expectorant, Dilaudid (Hydromorphone), M-S Contin and Roxanol (morphine sulfate), Percodan, Vicodin, Etc.

BARBITURATES Phenobarbital, Tuinal, Amytal, Nembutal, Seconal, Lotusate, Fiorinal, Firoicet, Esgic, Butisol, Mebaral, Butabarbital,

Butabital, Phrenilin, Triad, Etc.

BENZODIAZEPINES Ativan, Azene, Clonopin, Dalmane, Diazepam, Librium, Xanax, Serax, Tranxene, Valium, Verstran, Halcion, Paxipam, Restoril, Centrax

METHADONE Dolophine, Mathadose

PROPOXYPHENE Darvocet, Darvon N, Dolene, Etc.

LIST PRESCRIPTION DRUGS TAKEN WITHIN THE PAST 30 DAYS. THIS IS FOR YOUR USE ONLY AT THIS TIME. THIS LIST IS BEING COMPLETED [CHECK BEFORE _____ OR AFTER _____] TESTING.

ALSO LIST ANY OTHER INFORMATION YOU THINK MAY AFFECT THIS TEST.

Name (Printed)

Employee's Signature

H & H LIQUID SLUDGE DISPOSAL SERVICE, INC.

SUBSTANCE ABUSE PROGRAM

I, _____, have received _____ and reviewed H&H L.S.D., Inc. / H&H Residual Services, Inc. POLICY ON THE USE OF DRUGS AND ALCOHOL. I understand the consequences of violating the policy, including my obligations under the Drug-Free Workplace Act, Section 440.102, Florida Statutes. If I did not understand the policy, I have asked for and have received an explanation. I hereby agree to follow the rules contained in the Policy and understand that any violation of the rules will subject me to dismissal.

Employee's Name (Printed)

Witness' Name (Printed)

Employee's Signature

Witness' Signature

Liquid Sludge Disposal

H&H

Inc.

P.O. Box 390 • Branford, Florida 32008 • (800) 653-0386

EEO STATEMENT

H&H Liquid Sludge Disposal, Inc. is an equal employment employer and complies with all laws prohibiting discrimination on the basis of race, color, religion, national origin, handicap, age or gender.

H&H Liquid Sludge Disposal, Inc. does not receive any federal/state/or local assistance funding. The person designated as an EEO representative is the President of the Company, Rick Hacht.

The Company, with an appointment, would be receptive to any on-site reviews by an EEO authority.

The Company in its 30 years of operation has never had a discrimination case. The Company does have a discrimination format.

If the Company was awarded this contract, one individual would have to be hired for a truck driving position.

The Company does have an Affirmative Action/Equal Employment Opportunity policy.



Safety Statement

H&H LSD, Inc. recognizes the importance of a safe and health conscience work environment. It is H&H's desire that all employees establish safe work methods and practices.

Employees are encouraged to be aware of and in compliance with established safety standards such as but not limited to, applicable OSHA and state standards for facilities, machinery, tools and practices. These standards are designed to provide a safer work place for all employees.

Employee's Responsibility:

- Read and Obey all safety regulations to perform your job in the safest manner possible.
- Correct or Report all safety hazards or equipment in need of repair to your supervisor.
- Cooperate with your supervisor in accident prevention at all times.
- Report all on-the-job injuries immediately to your supervisor.
- Give full cooperation to any safety or claims investigation as directed by your supervisor.

Always Remember:

- Safety shall always take precedence over expedience and shortcuts.
- The company is fully committed to compliance with all Federal, State, and Local safety regulations and ordinances.
- The safety of the public, employees, and company is our paramount concern.
- The company is a Drug-Free workplace.

We encourage everyone to develop and demonstrate a safety conscience attitude in order to make our workplace a safe, enjoyable, and more productive environment for all employees.

Contact your supervisor for safety guidance and procedures that are specific to your job duties. With your cooperation, we can help prevent accidents that can result in injury, damage, or loss.

March 2009 Safety Letter

Air Brakes

(Air brake assembly)

Basics:

Heavy trucks use air brakes exclusively. Most of these are drum type units like the one shown above. Air enters the chamber when the brakes are applied, the push rod moves out turning the slack adjuster which rotates the "S" cam and forces the shoes into the drum.

HEAT ENGINE:

Brakes are a heat engine; they convert kinetic energy (motion) into thermal energy or heat. It interesting to figure out just how powerful your brakes must be to do the job of stopping your rig. Suppose you've got a 400 horsepower engine and are about grossed out at 80,000 lbs. your engine can probably get you to about 40 mph in 1/4 mile, that's 1320 feet. Your brakes should be able to stop you in about 133 feet with this speed and weight, making them 10 times as powerful as your engine!

A full stop from 60 mph might raise your drum temperatures to 600 degrees F. this is about the limit for safe operation. If the brakes aren't right, or the load is not distributed properly, then some drums might go to 800 - 1000 degrees F. This is definitely dangerous. The drum will increase in diameter about 0.01" per 100 degree temperature rise. So that even at 600 degrees your drums will be 0.055" larger than at 50 degrees. This will increase the pushrod stroke about 0.40", call it half an inch. The question is: Do you have that much additional stroke available? See the pages below for more information.

Jackknifing

The rig jackknifes when the drive axle brakes lock up.

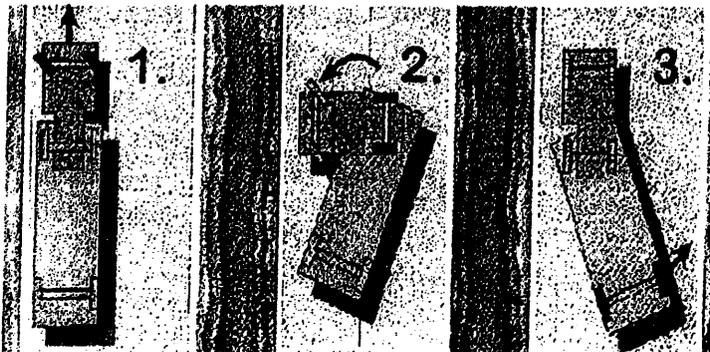


Figure 1. If you lock the steering axle brakes, the rig will move straight ahead

regardless of the wheel angle.

Figure 2. If you lock the drive axles, the rig will jackknife.

Figure 3. If you lock the trailer axles, you will get trailer swing.

Case 1. The best situation although it's not really good, you can't steer.

Case 2. Very bad, you will jackknife sooner or later if you lock your drivers
regardless of what your steering axle is doing- even if you have your
steering wheels pointed straight ahead. Road crown or left/right
imbalances will get you if you slide long enough.

Case 3. Like case 2, once you lock the brakes, you lose directional control
at the axle, and sooner or later a sideways pull will develop that effects
the directional stability of the vehicle.

The basic problem is that pneumatic tires only offer so much traction and if you use it all in braking, you haven't got any left to resist even slight lateral forces. If you can keep the axles from locking up, even 5% short of lock up, you can generally preserve directional stability and even some steering capability. But this can be hard to do without ABS, especially with unbalanced brakes or a poorly distributed load.

Bottom line: In an emergency situation-without ABS- you've got your choice of directional stability or maximum braking. If you dynamite the brakes you may lock some axles and get one of the problems listed above. Which axles, if any, lock depend on the condition of the brakes and the weight on each axle. Case 2. should be avoided at virtually all costs, if you jackknife you may rollover. Case 3 is a little better; it will take a little longer for trailer swing to get you into serious trouble, unless the trailer hits another vehicle when it swings out. Case 1. is the least dangerous, you can't steer much in a semi anyway. A hard steering maneuver will roll you.

So:

Don't back off or disconnect the steering axle brakes! You need them bad when you're bobtailed and even when you're deadheaded or fully loaded they are important. Steering axle brakes provide about 12% of the total braking of a loaded vehicle and you need all the braking you can get.

Using Your Qualcomm

All drivers need to use their Qualcomm correctly. This means that all drivers need to log in and log out. IF you have any questions ask your dispatcher about the different Macro name to use in your region.

Macro # Macro Name Notes

1 LOG IN WEATHER CONDITION
CODES

2 END PRE TRIP S = SUNNY

3 PLANT ARRIVAL CL = CLOUDY

4 PLANT DEPARTURE R = RAIN

5 SITE ARRIVAL

6 SITE DEPARTURE WATER TABLE LEVELS MUST BE A
BOVE 24 INCHES

7 LOG OUT IN ORDER TO SPREAD
MATERIAL.

- 20 LUNCH BREAK START CONTACT LOCAL SUPERVISOR FOR SITE AREA INFO
- 21 LUNCH BREAK END
- 22 FUEL STOP ARRIVAL
- 23 FUEL STOP DEPARTURE LOG IN DRIVER FIRST INITIAL & LAST NAME
- 24 SHOP ARRIVAL
- 25 SHOP DEPARTURE ALWAYS USE THE MACRO PROVIDED
- 26 BREAKDOWN START
- 27 BREAKDOWN END
- 28 TRUCK WASH ARRIVAL
- 29 TRUCK WASH DEPARTURE
- 30 OTHER MESSAGE

Receipt of Company Safety Report

This is to certify that I _____ have received, understand and agree to abide by the Company Safety Program for my benefit and the benefit of others. I further understand that failure to comply with the company's safety program could result in disciplinary action or termination.

Employee Signature

Date

Please cut off bottom and return

Driver of the Month

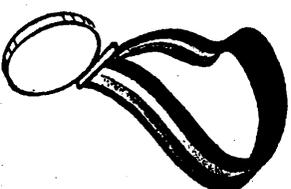
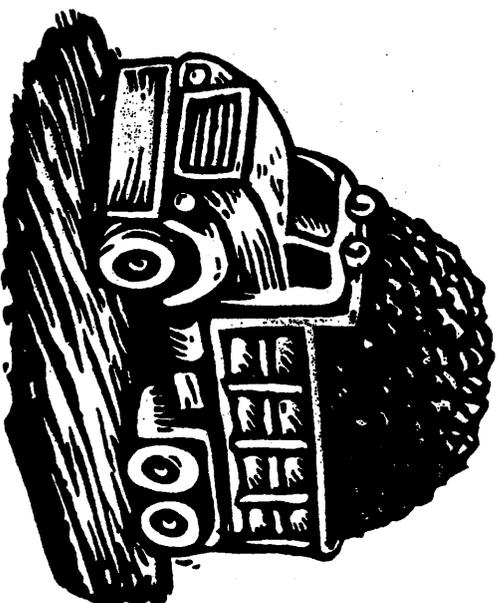
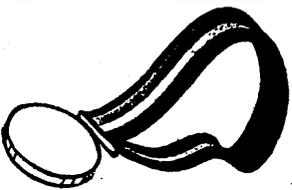
For the Month of

H & H Liquid Sludge

Disposal, Inc.



Awarded to :



Liquid Sludge Disposal

H & H

Inc.

P.O. Box 390 · Branford, Florida 32008 · (800) 653-0386

2008-09 Group Insurance

Dear Employee:

Welcome to H&H LSD, Inc! The following information provided is for the Group Insurance Benefits that we provide and offer to our employees.

We have provided Benefit Descriptions, Premiums and Applications for you to make your decision.

Group Health Insurance:

H & H Inc. will pay 80% of the employee premium. Employees are responsible for any additional coverage and cost (i.e. spouse, children, or family). If you already have health insurance or choose not to participate, please sign Section 9, "Refusal of Coverage" on the BCBS application and indicate if you already have health insurance.

COMPANY: BlueOptions / Blue Cross Blue Shield of Florida
BENEFITS: Plan 3464 (Description Attached)
EFFECTIVE DATE: 90 days after Hire Date

Table with 3 columns: EMPLOYEE PREMIUMS (weekly deduction), Description, and Amount. Rows include Employee (\$18.88), Employee + Children (\$101.95), Employee + Spouse (\$119.88), and Employee + Family (\$224.18).

Group Life Insurance:

H&H Inc. pays for a base amount of \$20,000.00 for each employee. This is a FREE benefit to all employees! Complete the Standard application in order to participate.

There is a one time, guarantee option to increase your coverage for an additional \$50,000.00 with no medical questions. You may also add your spouse at \$10,000.00. This is the only time you will have the opportunity to sign up for additional coverages. The employee is 100% responsible for any additional coverage.

COMPANY: The Standard
BENEFITS: Employer Paid \$20,000
Employee Additional \$50,000
Spouse Additional \$10,000

EMPLOYEE PREMIUMS: (weekly deduction)

Table with 6 columns: Age, Premium, Spouse, Age, Premium, Spouse. It shows premium amounts for different age groups and spouse coverage options.

Group Dental Insurance:

The Dental Insurance is voluntary program that H&H Inc. offers. The employee is 100% responsible for the coverage.

COMPANY: Brokers National
BENEFITS: Plan A (description attached)
Choose Any Dentist

EMPLOYEE PREMIUMS:	Employee	\$ 6.70
(weekly deduction)	Employee + One	\$12.95
	Family	\$19.06

Applications must be completed regardless of choice and returned with in 30 days of the packet post mark date to ensure coverage on the proper effective dates. If applications are not received with in the 30 days, the employee will have to apply during the company open enrollment period in order to sign up for coverage.

Please review the enclosed information carefully. We will provide you with all the assistance you need in understanding the insurance program and making your enrollment decisions.

Please contact us by telephone with any questions or inquiries.

Sincerely,

Katie Matthews
H & H LSD, Inc.
Comptroller

VCR

Vehicle
Condition
Report

Date _____ Vehicle No. _____

Driver's Name _____

Driver's Daily Check List

Pre-Trip Check - (Make all checks and sign before leaving yard.)

- BATTERY DISCONNECT SWITCH
 - FIRE EXTINGUISHER (CHARGED)
 - BACK-UP WARNING
 - OIL PRESSURE
 - AIR PRESSURE
 - WATER LEVEL
 - RADIO OPERATION
 - WINDSHIELD WIPERS
 - TRIANGLE BREAKDOWN KIT
 - LIGHTS
 - TIRES
- FUEL
- CYCLE SYSTEM
- EQUIPMENT FOR DAILY OPERATION
tarps, straps,
container tags,
ticket books,
shovels, chains
& binders
- I will check my brakes as I leave the yard and return immediately if defective.
 (I will call for servicing immediately if they become defective during the day).

I have performed all the checks as indicated.

_____ signature

ACCIDENT TODAY?	Yes	No
-----------------	-----	----

TRAFFIC TICKET TODAY?	Yes	No
-----------------------	-----	----

List all discrepancies:

- ENGINE _____
- INSTRUMENT PANEL _____
- ELECTRICAL _____
- BRAKES _____
- CAB & BODY _____
- REAR AXLE _____
- TIRES _____
- LIGHTS _____
- CLUTCH _____
- AIR LEAKS _____
- WHEELS _____
- TRANSMISSION _____
- STEERING _____
- SPRINGS _____

Post Trip

- FUEL _____ GALS.
- TIRES _____ VALVS.
- BACK-UP WARNING
- TIRES
- CLEAN CAB
- WINDOWS CLEAN
- DRAIN AIR TANKS
- BATTERY DISCONNECT SWITCH

Maintenance

Work performed by: _____ signature _____ date _____

Liquid Sludge Disposal

H & H
Inc.

Rt. 2 Box 509

Ft. White, Florida 32038

UNIT NO.	
MAKE	
HOUR METER	DATE

CODE	
O	Original Tread
R	Retreaded Tire
X	No Tire or Wheel
%	Percent of Tread Worn
S	Smooth (Should Be Retreaded)
AS	Almost Smooth, WATCH
SS	Scuffed Sidewalls (Should Be Reversed)
C	Cut (Should Be Repaired)
U	Uneven Wear (Check Wheel Alignment)
M	Miscellaneous (See Remarks)
TU	Tubeless
TB	Tubed Type
Front Valves:	<input type="text"/>
Rear Valves:	<input type="text"/>
Extensions:	<input type="text"/>
REMARKS:	

Size

Ply

Type

Size

Ply

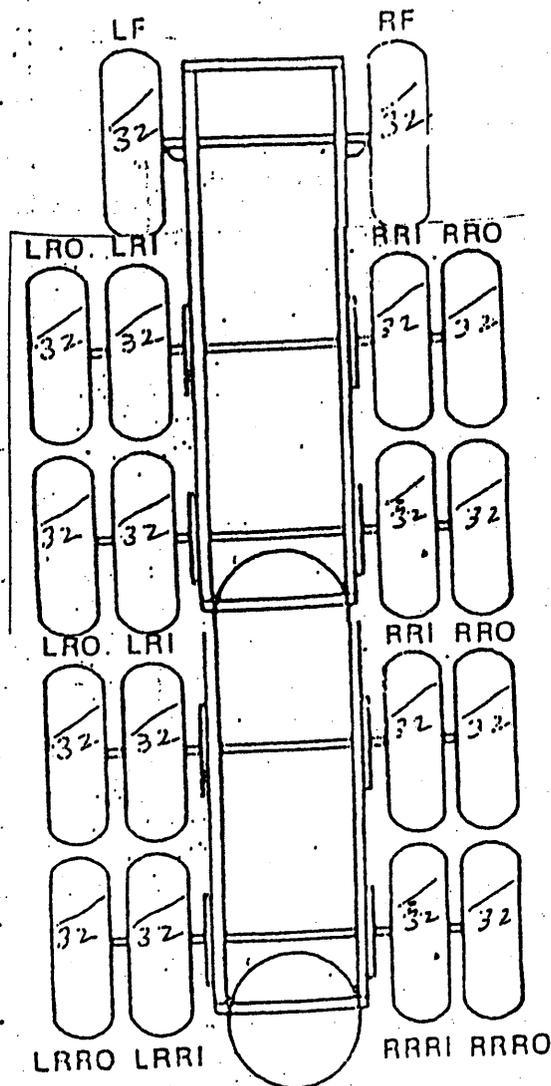
Type

Size

Ply

Type

NO. OF TIRES
NEEDING ATTENTION _____



COMMENTS: LIST ALL DAMAGE TO TRACTOR/TRAILER. CIRCLE AREA OF DAMAGE ON ABOVE PICTURE.

MONTHLY TRAILER PM CHECKLIST

DATE: _____ MONTH: _____ DRIVER: _____
 TRAILER #: _____

TRAILER ITEMS	GOOD	FAIR	NEEDS REPLACEMENT	REPAIR LOCATION	OFFICE USE, DATE REPLACED
LIGHTS	Brake				
	Clearance				
BRAKES					
TIRES					
SUSPENSIONS	Springs				
	U-Bolts				
	Tie Rods				
	Radius Arms				
	Cam Bushings				
	Slack Adjusters				
	Shocks				
Other					
AIR HOSES					
OIL LEVEL IN HUBS					
LANDING GEAR					
GREASE FITTINGS					
King Pin					
	Plate				
COUPLERS					
LUG NUT TORQUE					
MUD FLAPS					
EXTERIOR DAMAGE					
INTERIOR DAMAGE					

(OVER)

WEEKLY CHECKLIST CONTINUED

TRAILER ITEMS	GOOD	FAIR	NEEDS REPLACEMENT	REPAIR LOCATION	OFFICE USE, DATE REPLACED
WHEEL ALIGNMENT					
PAINTING					
UNIT WASHING					

COMMENTS: _____

Spill Cleanup Plan:

If dewatered cake is spilled either on the plant grounds or plant loading area, either men with shovels or a company owned front-end loader would be able to scoop-up the sludge and reload it into a sludge trailer. F&H

usually has company personnel or will contact local labor boards for temporary laborers to help clean-up a spill. If the sludge spill occurs on a highway,

the driver immediately tries to isolate the spill from passing motorists. Immediately the driver places triangles in front of the spill and leaves his

truck in back of the spill with his four-way flashers on. All drivers have cellular phones and office mobile communications to notify authorities,

which are local sheriff department, local fire department, and D.O.T.

D.O.T. usually supervises fire department in washing down the sludge from the road. If cake spill is dry enough, D.O.T. front-end loader scoops it up

and loads it into a truck. Usually the Grade B cake is spread along a roadway shoulder. Wherever a sludge spill occurs, the local environmental

officer, or DEP is notified by telephone within 24 hours of the spill. A letter explaining the occurrence and results is sent within the same time

frame. Most tanker sludge spills occur at a loading point, where usually a tanker is overfilled or from the taking off a loading hose. If a tanker is

overfilled, the driver will immediately shut off the loading valve and proceed to berm off the spill coverage advancement. By using a shovel, flow

can be bermed off by ground area dirt and grass. After containment liquid can be pumped up into another tanker, dirt can be spread over the area and

scraped up with loader, and picked up. Afterward the entire area is washed down to prevent a loading hose spill. F&H puts a 5 gallon bucket in the

loading area and lays the loading hose onto the bucket to prevent spillage. If a spill occurs on a highway same procedure steps are taken as if it were

dewatered cake sludge. Whenever a spill has occurred the following individuals can be contacted: Office 1-800-653-0386 from 8:00 AM - 4:00 PM; Steve Hacht

386-497-3048; Rick Hacht 386-935-4225. To mobilize a clean-up crew should be less than (2) hours from notification. The company does not plan on

hauling to County Landfill. Any spill incidents will be immediately verbally reported to plant authorities and it will follow with a written

spill report to them. We have enclosed a spill report form used by our supervisors.

Liquid Sludge Disposal

H&H

Inc.

P.O. Box 390 · Branford, FL 32008 · (800) 653-0386

Spill Report Form

Date: _____

Time: _____

Driver Name: _____

Tractor/Trailer #'s: _____

Location of Spill: _____

Name of Facility that Generated Material: _____

Type of Material: _____

Volume of Spill: _____

Reason Spill Occurred: _____

Clean-Up Procedure: _____

Names of Others Involved: _____

Names of Notified Persons, Supervisors, or Agencies: _____

Re-occurrence Prevention Plan: _____

Other Information or Comments: _____

This Report was reviewed by: _____
Name & Title

In Case of a Motor Vehicle Accident

Here's What to Do:

Stop your vehicle & take precautions necessary to protect the scene from further accidents. **DO NOT MOVE YOUR VEHICLE** until police arrive.

Use 4-way flashers & set up warning devices. Turn off all engines. No smoking. Guard against fire. Check for fuel or cargo leaks & advise emergency responders & your company if any are found.

Call the police & your supervisor. Give location and nature of accident, accurately.

If someone is injured, call for medical assistance. **DO NOT MOVE INJURED.** Be courteous! **DO NOT ADMIT FAULT** & make no statement about the accident, except to police, your company and/or insurance company.

Gather all information needed to complete **DRIVERS REPORT OF ACCIDENT**. Supply name, address, company name & address, vehicle information, license #, & insurance information to the police & other party involved.

If applicable, comply with US D.O.T. and your company's post-accident drug testing requirements.

REPORT ALL CLAIMS WITHIN 24 HOURS TO:

Lincoln General Insurance Co.
P.O. Box 3608

York, PA 17402

717-757-0000 or 800-395-7489

E-mail: 1stReport@lincolngeneral.com

Courtesy Card

By filling in this form you will be doing the operator of this vehicle a favor, and enable the management to treat his record with fairness.

Did you see the occurrence? _____

Was anyone hurt? _____

Were you in our vehicle? _____

Who do you think was at fault? _____

Destination address _____

Name _____

Home Address _____

City or Town _____

State _____

Date _____

Note: Please write on the back any comments which you may wish to add.

ACCIDENT INFORMATION

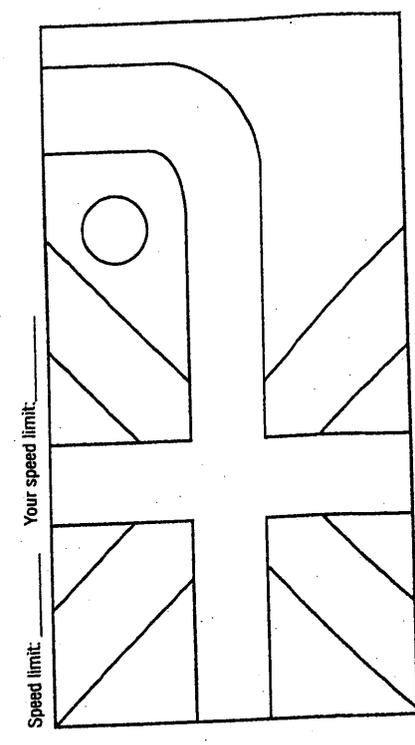
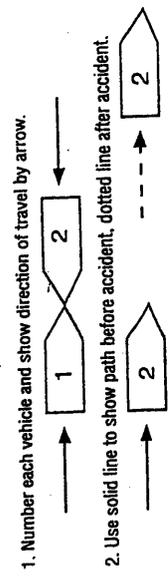
DATE: _____ TIME: _____ Insured Policy # _____
 LOCATION - CITY: _____ STATE: _____
 # VEHICLES INVOLVED: _____
 INSURED: _____
 NAME OF OPERATOR INSURED VEHICLE: _____
 RELATION TO INSURED: _____
 ADDRESS: _____
 CITY/STATE: _____ ZIP: _____
 PHONE NO. (Include Area Code) _____
 DRIVER'S LICENSE # _____ EXP. DATE: _____
 PLATE REGISTRATION # _____ STATE: _____ EXP. # _____
 YEAR OF VEHICLE: _____ MAKE: _____ MODEL: _____
 VEHICLE IDENTIFICATION NUMBER (VIN): _____

POLICE DEPT.: _____
 INVESTIGATING OFFICER: _____
 INCIDENT NUMBER: _____ PD PHONE #: _____
 OWNER OF OTHER VEHICLE: _____
 OPERATOR OF OTHER VEHICLE: _____
 ADDRESS: _____
 CITY/STATE: _____ ZIP: _____
 PHONE NO. (Include Area Code) _____
 DRIVER'S LICENSE # _____ EXP. DATE: _____
 PLATE REGISTRATION # _____ STATE: _____ EXP. # _____
 YEAR OF VEHICLE: _____ MAKE: _____ MODEL: _____
 OTHER VEHICLE INSURANCE CO.: _____
 POLICY NUMBER: _____

ACCIDENT DESCRIPTION: _____

 CITATION (WHAT/WHO): _____
 WEATHER: CLEAR CLOUDY FOG RAIN SLEET
 SNOW OTHER _____
 PAVEMENT: ASPHALT STEEL CONCRETE WOOD GRAVEL/DIRT BRICK/STONE
 CONDITION: DRY WET ICY POT HOLES SNOW
 TRAFFIC CONTROL: TRAFFIC LIGHT STOP SIGN RAILROAD NO INTERSECTION
 NO CONTROL
 ROADWAY: NUMBER OF LANES EACH DIRECTION _____
 RESIDENTIAL DIVIDED HIGHWAY UNDIVIDED HIGHWAY

Draw and name roadway, showing each vehicle, direction of travel and point of impact. Indicate travel before the accident with a solid line and post-accident movement with a broken line.



MOTOR CARRIER ACCIDENT REPORT

Original and two copies of MCS 50-T shall be filed with the Director, Regional Motor Carrier Safety Office, FHWA, as required by 394.9. Copy shall be retained in carrier's file. Circle or (X) appropriate boxes below.

1. Name of carrier (Corporate business name) _____

2. Principal Place of Business (Street & No., City, State, Zip Code) _____

3. Type of carrier Private, Employer ID No. (IRS) _____ ICC authorized, MC _____ Other (Specify) _____
Employer ID No. (IRS) _____

4. Type of trip Over-the-road Local pick-up and delivery operation

5. Place accident occurred (Nearest Town or City, State) _____

5A. Type of district Residential Rural Primarily business

6. Street or highway (Route or Name) _____

6A. Location if off highway _____

7. Day of week M T W TH F S S

8. Date accident occurred / /

9. Time accident occurred (Military time to nearest hour) _____

10. ACCIDENT TYPE (Primary Event)

10A. Collision (Check appropriate box)
 Not applicable Collision with moving object Collision with fixed or parked object

10B. Collision (Check other object involved)
 Not applicable Pedestrian Animal
 Commercial truck Bus Motorcycle
 Fixed object Train Other (Specify) _____
 Automobile Bicyclist

10C. Collision with another vehicle—Accident Classification (Check appropriate box) zzz not applicable

VEHICLES (Your's is # 1)				VEHICLES			
	1	2	3		1	2	3
A				L			
B				M			
C				N			
D				O			
E				P			
F				Q			
G				R			
H				S			
I				T			
J				U			
K				V			

Other (Specify) _____

10D. Non-collision (Check primary event)
 Not applicable Jackknife Fire Other (Specify) _____
 Ran off road Overturn Loss or spillage of cargo _____
 Separation of units Cargo shift

10E. If not primary event, did accident result in Spillage of hazardous cargo Spillage of non-hazardous cargo
 Not applicable Fire Explosion

11. DRIVER INFORMATION

11A. Name of your driver _____

11B. Age _____

11C. Carrier USDOT Number _____

11D. How long employed as your driver (To nearest year) _____

11E. Hours actually driving since last period of 8 consecutive hours off duty
 1 hr. 2 hrs. 3 hrs. 4 hrs. 5 hrs. 6 hrs. 7 hrs. 8 hrs. 9 hrs. 10 hrs. 11-12 hrs. Not applicable

11F. Anticipated driving time between periods of 8 consecutive hours off duty if accident had not occurred
 1 hr. 2 hrs. 3 hrs. 4 hrs. 5 hrs. 6 hrs. 7 hrs. 8 hrs. 9 hrs. 10 hrs. 11-12 hrs. Not applicable

11G. Condition of driver
 Apparently normal Had been drinking Medical waiver
 Sick Dozed at wheel Other (Specify) _____

11H. Date of last medical certificate / /

Type	Year	No. of Axles	Make	Model No.	Company No.	TYPE OF BODY				
						Van	Flat	Tank	Auto Carrier	Other (Specify)
Truck										
Tractor										
Semi-trailer										
Full trailer										
Full trailer (2nd)										
Other										

Total length of vehicle/comb. Ft. _____ 13A. Total width of vehicle or cargo Ft. _____ 13B. Weight (cargo) Lbs. _____ 13C. Weight (gross) Lbs. _____

Type of fuel Gasoline Diesel L.P.G. Other (Specify) _____

Cargo at time of accident (Your vehicle) Non-hazardous materials in cargo
 Hazardous materials in cargo (Specify classification) _____

Check one of the following as principal type of cargo
 General freight Motor vehicles Liquids in bulk Mobile home
 Household goods or uncrated furniture/fixtures Driveaway-towaway Explosives Farm products
 Metal: Coils, sheets, rods, plates, etc. Gases in bulk Logs, poles, lumber Other (Specify) _____
 Heavy machinery or other large objects Solids in bulk Empty _____ Refrigerated foods _____

Was your driver killed? Yes No 17A. Was driver injured? Yes No 17B. Was your relief driver killed? Yes No N/A 17C. Was relief driver injured? Yes No N/A

1. Number of other authorized persons in your vehicle Killed _____ Injured _____ 18A. Number of unauthorized persons in your vehicle Killed _____ Injured _____

2. Total number of other persons killed _____ Injured _____ 19A. Amount of total property damage in dollars \$ _____

3. Were mechanical defects or failures apparent on your vehicle at time of accident? Yes No

1. Check appropriate boxes (Mechanical defects or failures) not applicable Steering system Driveline Lights
 Fuel system Suspension Engine Coupling
 Wheels and tires Transmission Brakes Other (Specify) _____

2. Was your vehicle equipped with seat belts? Yes No

3. Were seat belts in use by your driver(s) at time of accident? Yes No

24. OTHER VEHICLES INVOLVED

24A. Company name or operator (Vehicle #2) _____ 24B. Address _____ 24C. Type of vehicle _____

24D. Company name or operator (Vehicle #3) _____ 24E. Address _____ 24F. Type of vehicle _____

25. Weather Rain Snow Cloudy/overcast Dawn Dusk Dark
 Clear Fog/Smog Sleet Other (Specify) _____ Artificial lights Other (Specify) _____

26. Road surface Dry Snowy Other One lane Three lanes
 Wet Icy (Specify) _____ Two lanes Four or more lanes 26B. Type of highway Divided Undivided

26C. Check appropriate box Entrance ramp (Expressway) Exit ramp (Expressway) Not applicable

27. Account of accident by carrier official (Please type or print clearly.) _____

28. Name and title of person signing report _____ 29. Signature _____

30. Telephone Number _____ 31. Date report submitted _____
Area Code _____

DECLARATION OF POLICY

Affirmative Action Plan No. 2003-0258

Expiration Date: 04/30/2009

H & H LIQUID SLUDGE DISPOSAL, INC.

6990 Us Hwy 27, P.O. Box 390

Branford, FL 32008-0000

Phone: 800-653-0386

Fax: 386-935-0941

In accordance with the requirements of Miami-Dade County Ordinance 82-37 and/or Ordinance 98-30 and Resolution No. 1049-93, H & H LIQUID SLUDGE DISPOSAL, INC. affirms its commitment to equal employment opportunity and has submitted an Affirmative Action Plan for the purpose of maintaining that promise with particular emphasis on the minority workforce population and the utilization of minority professional firms, consultants and/or suppliers.



Delivering Excellence Every Day

Rick Hacht

Rick Hacht
Affirmative Action Officer

Date

Luisa M. Donovan

Luisa Millan Donovan, R.A., Chief
Professional Services Division/Office of Capital Improvements

04/23/2008
Date



Certificate of Compliance

Equal Employment Opportunity and Affirmative Action

H & H Liquid Sludge Disposal, Inc.

Federal Number 59-1832613

is hereby certified as having demonstrated its ability to comply with the City of Tampa's Equal Employment Opportunity and Affirmative Action Ordinance and the City's EEOAA Rules and Regulations. The City of Tampa's Minority Business Development Office has received and approved the following documentation of good faith efforts to comply with said Ordinance:

Submittal Type: AAP Status: Certified

Valid from 4/10/2006 to 4/9/2008

Certificate Number 02-2047

This certification shall be in effect for the term specified above, and is subject to revocation or suspension by the City of Tampa for failure to comply with the City of Tampa's Rules and Regulations, or to make a substantial effort to implement the terms and conditions of your Affirmative Action Plan, or to maintain a workforce that is reflective of local pool demographics, whichever case may apply.

*Gregory C. Spurrman, Acting Manager
Minority Business Development Office*

PROPOSAL PAGES PART III - QUESTIONNAIRE

Have you ever failed to complete work that was awarded to you? If so, where and why?

None

List any governmental/municipalities and/or like size organizations for which you have provided similar services in the last three years. Provide agency name, address, telephone number, contact person, and date service was provided. If services provided differ from the ones presented in your proposal, please identify such differences. These organizations will be contacted by the evaluation committee.

<u>Agency/ Organization</u>	<u>Contact Name</u>	<u>Contact Phone</u>	<u>Date(s) of Service</u>
See K			

List those City of Fort Lauderdale agencies and contacts with which the proposer has had contracts or agreements during the past three (3) years:

See I - 2

K.

Current and Similar Accounts as the City of Fort Lauderdale
(non-digested biosolids)

<u>Name</u>	<u>Contact</u>	<u>Number</u>	<u>Disposal Location</u>	<u>Service Date</u>
Brevard County 2725 Judge Fran Jamieson Way Gov. Center, Bldg. A Viera, FL 32940-6602	Ron Voll	407-455-1330	Omni Landfill	3-6-2006
Charlotte County 25550 Harbor View Rd. Suite 1 Port Charlotte, FL 33980	Vincent LiCausi	941-764-4591	Charlotte Landfill1	10-7-2007
Loxahatchee River District 2500 Jupiter Park Drive Jupiter, FL 33458-8964	Shelton Primus	561-747-5100	Okeechobee Landfill	5-1-2006
City of Delray (lime treated) 1801 No. Congress Ave. Delray Beach, FL 33445	Dennis Coates	561-272-7061	Okeechobee Landfill & Land Applied	4-23-2007
City of Rockledge 1600 North Harrington Lake Rockledge, FL 32955	Allan LaDuke	321-690-3975	Omni Landfill	10-1-1997

I

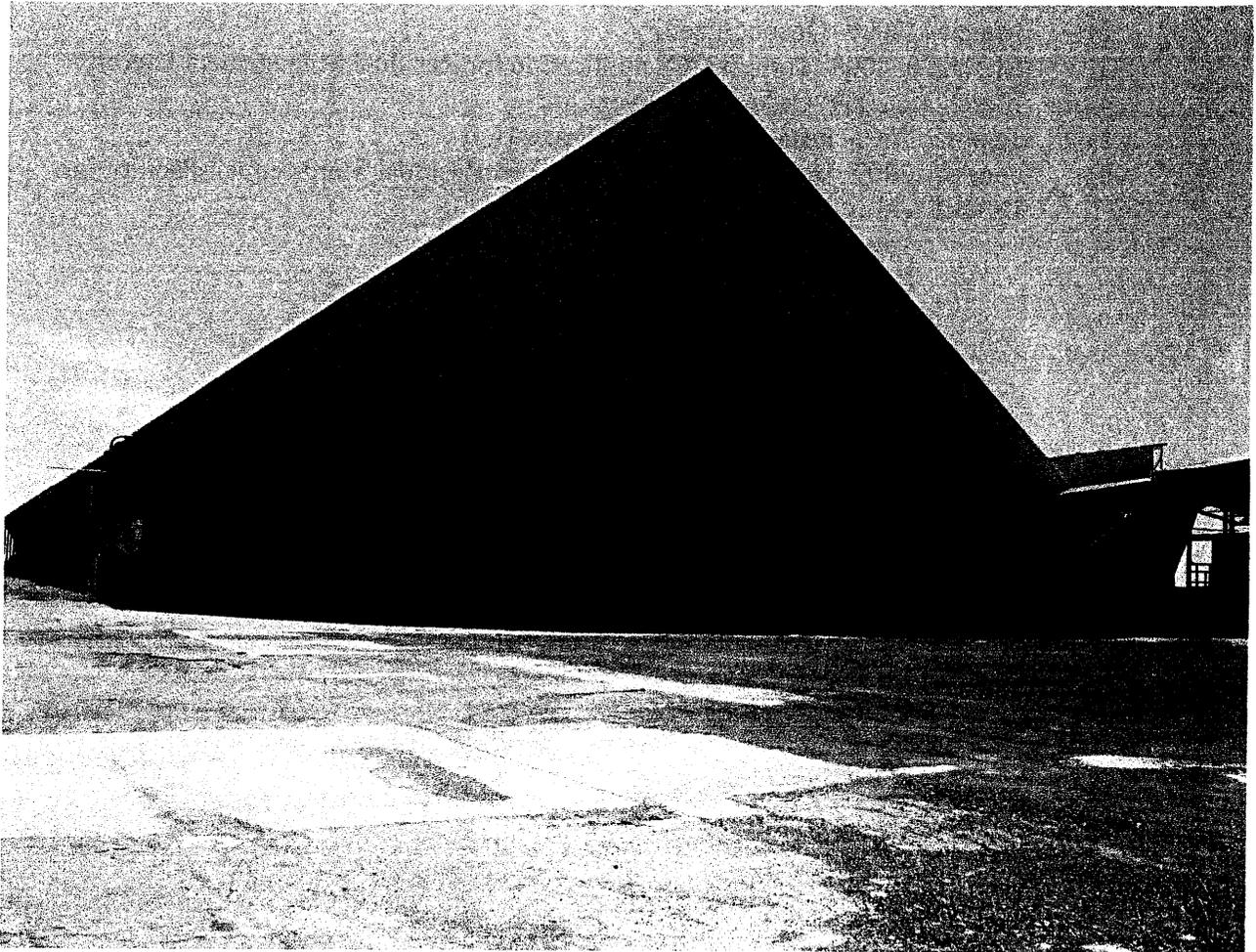
2.

Local Contracts

H&H Liquid Sludge Disposal, Inc. has been servicing South Florida WWTPs for over 30 years. Present hauling contracts include:

- A. City of Sunrise
- B. City of Plantation
- C. City of Boca Raton
- D. Ferncrest Utilities
- E. City of Pembroke Pines
- F. Coral Springs Improvement District
- G. City of Clewiston
- H. City of Delray
- I. City of Margate
- J. City of Cooper City
- K. Town of Davie
- L. Loxahatchee River District
- M. City of Miramar
- N. City of Moorehaven
- O. Palm Beach County
- P. Miami-Dade Virginia Key
- Q. Miami-Dade South
- R. Hutchinson Island (Severn Trent)

H&H Liquid Sludge Disposal, Inc. Residual Management Facility



Clewiston, Florida

Liquid Sludge Disposal

H & H

Inc.

P.O. Box 390 • Branford, Florida 32008 • (800) 653-0386

H&H LSD, Inc. Residual Management Facility Calendar

- 1) February 19, 2009- Notification to South District Office of intention to be Class B Volume Reduction Center.
- 2) March 1, 2009- Opened Facility
- 3) March 20, 2009- Turn in DEP application for Residual Management Facility
- 4) March 25, 2009- Order M-2 Dryer Unit
- 5) June 15, 2009- Installation of M-2 Dryer Unit
- 6) June 16, 2009- Operating as DEP approved Residual Management Facility for Double AA

Liquid Sludge Disposal
H&H
Inc.

P.O. Box 390 • Branford, Florida 32008 • (800) 653-0386

February 19, 2009

DEP South District Office
PO Box 2549
Fort Myers, FL 33902-2549
ATTN: Mr. Craig Rutherford

Ref: Class B Volume Reduction Center

Dear Mr. Rutherford:

H&H Liquid Sludge Disposal, Inc. has recently leased a facility zoned heavy industrial at 3010 County Road 835 in Clewiston, Florida. On March 1, 2009, it is the intention to haul and pre-dry some Broward County Cities and Miami-Dade Class B biosolids at that location.

The purpose of the project is to mechanically dry with two Bear Cat PTOPA350-10.5 Models and reduce the volume of Class "B" biosolids normally hauled to a land application site. By drying the incoming biosolids that ranges from 15% to 20% dry to a 65% to 70% dried material, H&H can reduce its loads needed to be land applied. All biosolids hauled to the enclosed facility will be transported to an approved Agricultural Use site within a 30 day period.

In three weeks, Mr. Shiv Shahi, P.E. will be submitting to the South District Office an application for a Biosolids Residual Facility. This facility will include our pre-mechanical drying along with a heat-driven dryer system that will convert the Class "B" Biosolids into a Class AA product.

Thank you. If you have any further questions, please contact Mr. Shiv Shahi, P.E. at 561-889-6621 or myself at 800-653-0386.

Sincerely,



Rick D. Hacht, President
H&H Liquid Sludge Disposal, Inc.

History of H&H LSD, Inc.

H&H LSD, Inc was started in May of 1978 by Rick Hacht. His original partner was Harry Huizenga who helped develop Waste Management. When Mr. Huizenga retired, he transferred his H&H LSD stock to his son in law, Harris Whit Hudson who was president of Republic Waste Industries. In 1996, Mr. Hacht purchased Mr. Hudson's stock and became sole owner of H&H LSD, Inc.

The company first started as a service company for hauling and disposing of domestic and industrial liquid and dewatered sludges. Over the past 30 years, H&H has become a full service company involved in agricultural site permitting, press dewatering, lime-stabilization, landfill leachate hauling, biosolids composting, lift station emergency pumping, operating wastewater treatment plants, marketing of compost and pelletized biosolids products.

H&H has developed an excellent rapport with City and County Utilities statewide. The company is proud of its past performance and present day reputation of having the best and most dependable company in the Waste Industry. H&H takes pride in having accepted the challenge of biosolids utilization and is extremely pleased with its skillful ability to handle numerous contracts at the same time.

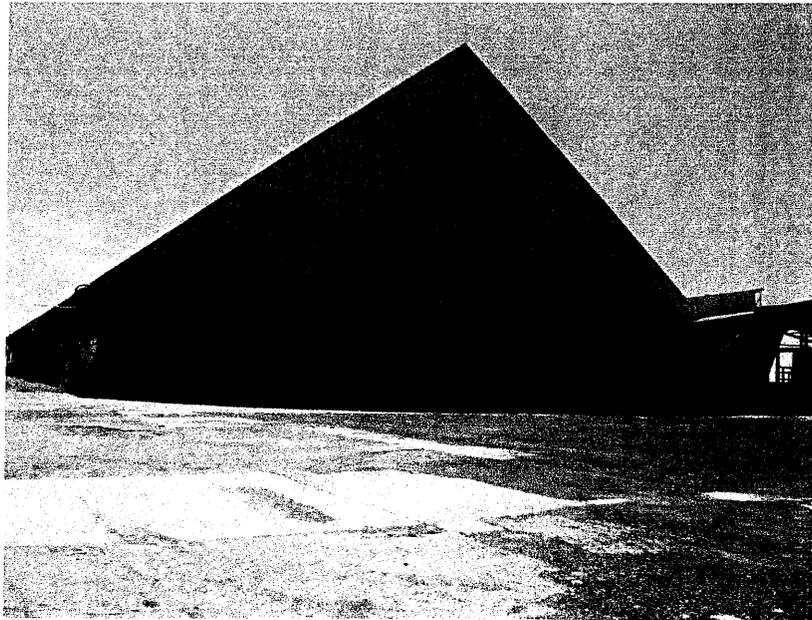
To date, the company averages 100 employees who are loyal administrators, supervisors, professional truck drivers, and field laborers. All are trained to be courteous and helpful in servicing City and County Utilities.

Throughout the 30 years of history of H&H LSD, Inc. it has always been a profitable organization.

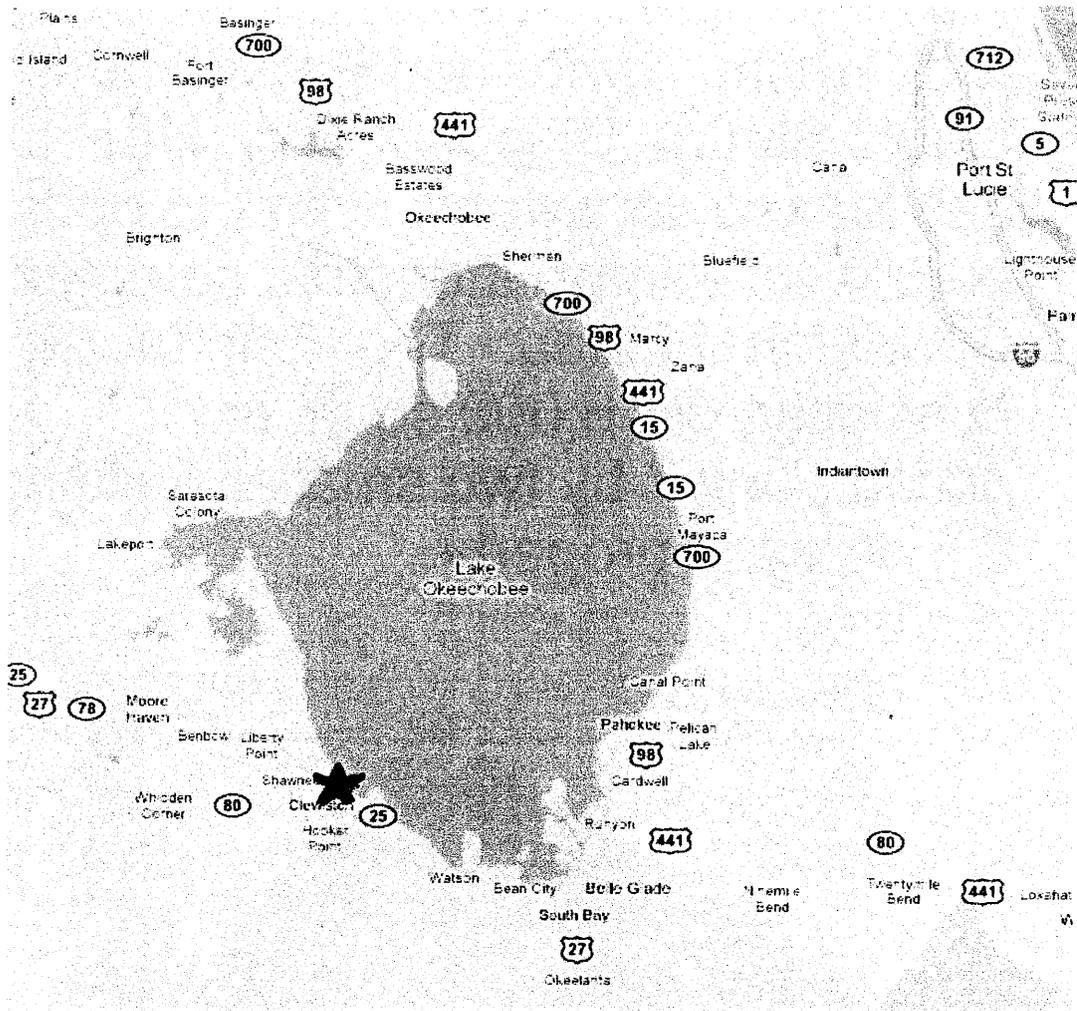


Purpose

Rick Hacht, owner and President of H&H Liquid Sludge Disposal, Inc. (H&H LSD) has leased, long-term, with the option to purchase, a large industrial complex in Clewiston, Florida. The main facility consisting of 46,000 sq. ft. is accompanied by two smaller buildings on 8.5 acres of property.

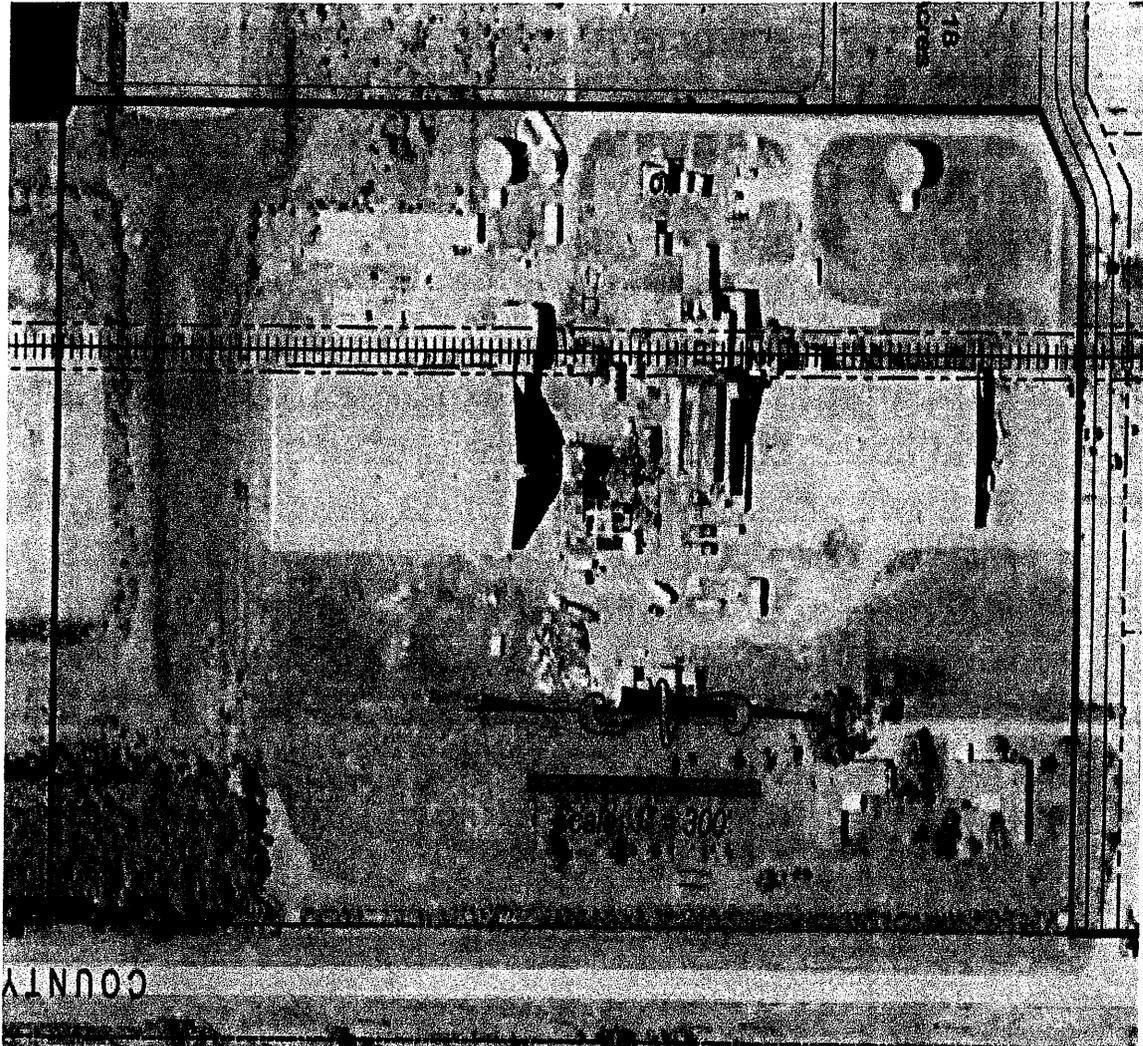


Facility Location



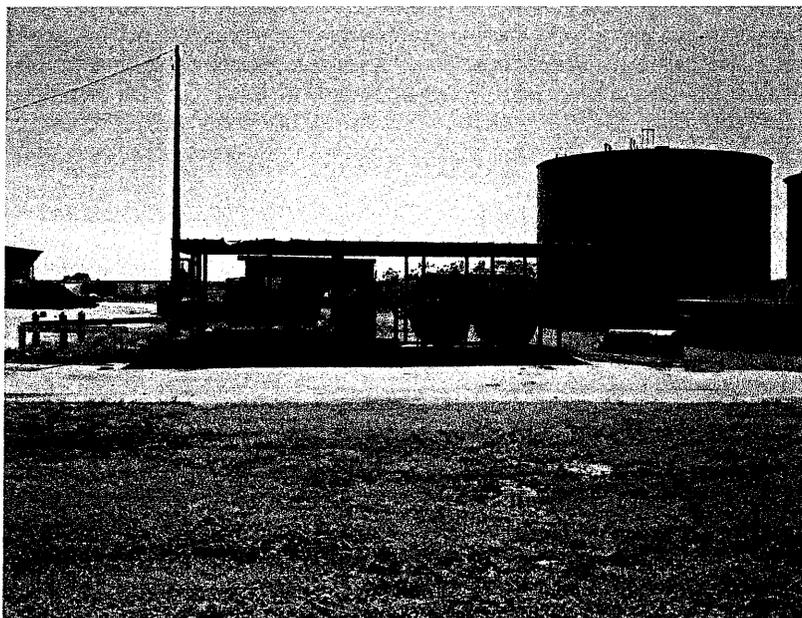
Clewiston, Florida

Facility Aerial



Facility Advantages

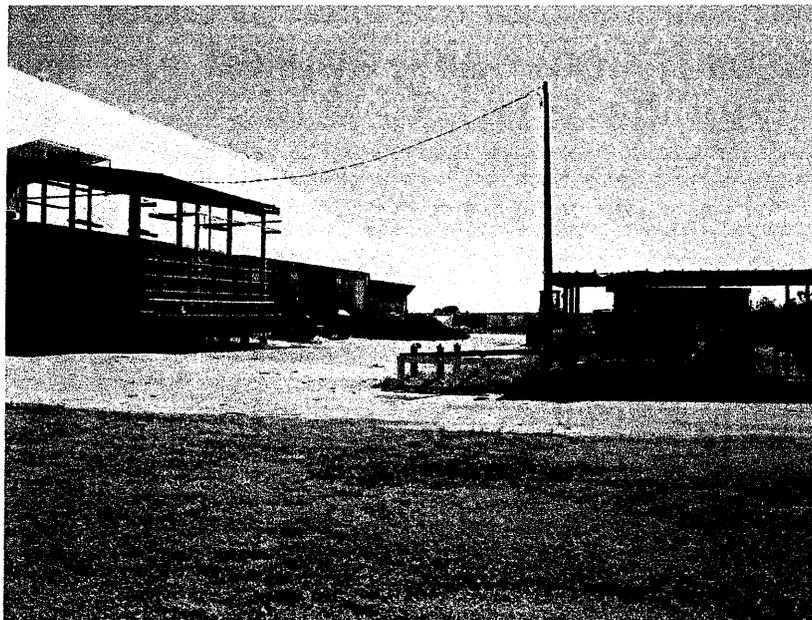
1. Residual Facility is a good half way point between east and west coast in South Florida.
2. In January 2009, the site will be zoned heavy industrial.
3. Facility does not have any surface water discharge and does not require any regulatory permitting.
4. Site has adequate acreage for future expansion.
5. Two 35,000 gallon storage tanks have the ability to hold liquid biosolids before processing.
6. Site will provide South Florida cities and counties an all weather disposal location for their biosolids.
7. Railroad spur on site allows for potential by-products to be transported in large bulk quantities.



Mission

With the acquisition of the all weather Residual Facility, H&H will be able to convert all existing municipal land application contracts into long term contracts that will process biosolids into a Class "AA" fertilizer by-product.

- Organic Fertilizer
- Potash Soil Amendment
- Bedding Material



Market Analysis

New legislature rules enacted in 2005 has given the Florida Department of Regulation authority to limit phosphorous concentration in the Lake Okeechobee water shed basin. On December 31, 2007, the legislature bill 392 prohibited any phosphorous application in fertilizer or soil amendments to the land in several areas of the State (unless it can be applied showing a zero increase after crop up-take). This ruling does not apply to a Class "AA" residual or heat treated biosolids product.

Future legislation, when enacted, will restrict the use of Class "B" biosolids from being applied throughout the entire State of Florida. Any potential application site will be required to have very expensive nutrient management plans and be limited to phosphorous agronomy loading rates. These new rule changes will place hardships on Utility wastewater biosolids producers in the State and force municipalities into either land filling or installing high-energy cost dryer pelletizers.



Solution

H&H Process Will...

- Convert vast quantities of Florida's wastes into Class "AA" fertilizer and green beneficial ag products.
- Reduce potential phosphorous overloading in the Lake Okeechobee watershed basin that could affect South Florida's drinking water.
- Assist municipalities in receiving cost saving dollars by recycling their waste streams into our processing facility.
- Provide municipalities a "Cradle to Grave" solution for their biosolids waste stream and relieve them of any liability.

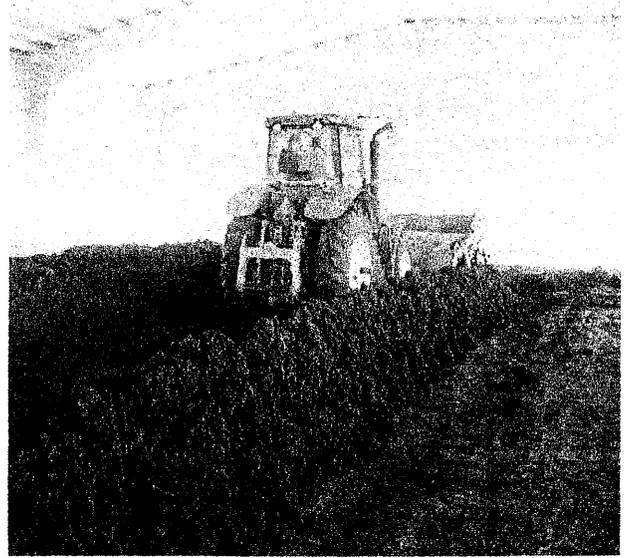


Technologies

A) Agitated Air Drying Curing

Agitated air drying is a batch process where a wet 15% biosolid is spread on a paved surface and subjected to intermittent mechanical aeration, resulting in a drier biosolid.

- Minimum 15% biosolid when mixed with recycled 90% product becomes a 40% or better blended product.
- Intermittent aeration of 40% blended product in 7 to 10 days creates a 65% or better product.
- Final AADC product is stockpiled to cure and waits for further heat drying process.



Technologies

B) Fluidized Bed Dryer

Blended biosolids product moves across an indirect fired furnace of heat where biosolids are dried to 90% dry weight (10% moisture content). The dried biosolids exiting the dryer will enter a conditioner which shall maintain the temperature of the dried biosolid material above 178°F for at least 20 minutes to kill any pathogens.

- Design unit will process up to 179 tons of 65% dried biosolids in a day's period.
- Finish product meets EPA Double AA parameters.

Exhibit A

Bill 392 Legislation

Senate Bill sb0392er

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

ENROLLED

2007 Legislature CS for CS for SB 392, 1st Engrossed (ntc)

1
2 An act relating to watershed restoration;
3 amending s. 215.619, F.S.; providing for
4 expanded uses of bonds issued for Everglades
5 restoration; amending s. 373.026, F.S.;

6 providing certain requirements before the
7 release of funds; amending s. 373.4595, F.S.;

8 providing legislative findings and intent;
9 providing definitions; providing a deadline and
10 additional components for the Phase II Lake
11 Okeechobee Watershed Protection Plan;
12 prohibiting the disposal of wastewater
13 residuals within the Lake Okeechobee watershed
14 pursuant to certain conditions; providing for
15 the inclusion of a water volume assessment in
16 the Lake Okeechobee Watershed Research and
17 Water Quality Monitoring Program; creating the
18 Caloosahatchee and St. Lucie River Watershed
19 Protection Program; creating the Caloosahatchee
20 River Watershed Protection Plan; providing
21 deadlines for plans submission; providing for
22 required plan elements; creating the
23 Caloosahatchee River Watershed Pollutant
24 Control Program; providing requirements of the

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ENROLLED

2007 Legislature CS for CS for SB 392, 1st Engrossed (ntc)

1 6.a. The department shall require all entities
2 disposing of domestic wastewater residuals within the Lake
3 Okeechobee watershed and the remaining areas of Okeechobee,
4 Glades, and Hendry Counties to develop and submit to the
5 department an agricultural use plan that limits applications
6 based upon phosphorus loading. By July 1, 2005, phosphorus
7 concentrations originating from these application sites shall
8 not exceed the limits established in the district's WOD
9 program. After December 31, 2007, the department may not
10 authorize the disposal of domestic wastewater residuals within
11 the Lake Okeechobee watershed unless the applicant can
12 affirmatively demonstrate that the phosphorus in the residuals
13 will not add to phosphorus loadings in Lake Okeechobee or its
14 tributaries. This demonstration shall be based on achieving a
15 net balance between phosphorus imports relative to exports on
16 the permitted application site. Exports shall include only
17 phosphorus removed from the Lake Okeechobee watershed through
18 products generated on the permitted application site. This
19 prohibition does not apply to Class AA residuals that are
20 marketed and distributed as fertilizer products in accordance
21 with department rule.

22 b. Private and government-owned utilities within
23 Monroe, Dade, Broward, Palm Beach, Martin, St. Lucie, Indian
24 River, Okeechobee, Highlands, Hendry, and Glades Counties that
25 dispose of wastewater residual sludge from utility operations
26 and septic removal by land spreading in the Lake Okeechobee
27 watershed may use a line item on local sewer rates to cover

6/6/2007

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28 wastewater residual treatment and disposal if such disposal
29 and treatment is done by approved alternative treatment
30 methodology at a facility located within the areas designated
31 by the Governor as rural areas of critical economic concern

25

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

ENROLLED

2007 Legislature CS for CS for SB 392, 1st Engrossed (ntc)

1 pursuant to s. 288.0656. This additional line item is an
2 environmental protection disposal fee above the present sewer
3 rate and shall not be considered a part of the present sewer
4 rate to customers, notwithstanding provisions to the contrary
5 in chapter 367. The fee shall be established by the county
6 commission or its designated assignee in the county in which
7 the alternative method treatment facility is located. The fee
8 shall be calculated to be no higher than that necessary to
9 recover the facility's prudent cost of providing the service.
10 Upon request by an affected county commission, the Florida
11 Public Service Commission will provide assistance in
12 establishing the fee. Further, for utilities and utility
13 authorities that use the additional line item environmental
14 protection disposal fee, such fee shall not be considered a
15 rate increase under the rules of the Public Service Commission
16 and shall be exempt from such rules. Utilities using the
17 provisions of this section may immediately include in their
18 sewer invoicing the new environmental protection disposal fee.
19 Proceeds from this environmental protection disposal fee shall

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20 be used for treatment and disposal of wastewater residuals,
21 including any treatment technology that helps reduce the
22 volume of residuals that require final disposal, but such
23 proceeds shall not be used for transportation or shipment
24 costs for disposal or any costs relating to the land
25 application of residuals in the Lake Okeechobee watershed.

26 c. No less frequently than once every 3 years, the
27 Florida Public Service Commission or the county commission
28 through the services of an independent auditor shall perform a
29 financial audit of all facilities receiving compensation from
30 an environmental protection disposal fee. The Florida Public
31 Service Commission or the county commission through the

Exhibit B

The Agitated Air Drying and Curing Process Abstract

THE AGITATED AIR DRYING AND CURING PROCESS A LOW-COST APPROACH TO CLASS A BIOSOLIDS

T. G. Shea, Ph.D., DEE
Parsons Engineering Science, Inc.
10521 Rosehaven Street
Fairfax, Virginia 22030

ABSTRACT

The AADC (for 'Agitated Air Drying and Curing') Process is a non-proprietary process being used under this or other names to describe agitated air drying of stabilized solids followed by storage of the dried biosolids. The practices have evolved as a result of agitated air drying programs at such locations as the MWRDGC (Metropolitan Water Reclamation District of Greater Chicago) (Tata et al.) at one extreme of climate and capacity and at several locations in Colorado at the other end of the spectrum (Ramey et al.).

Agitated air drying is a batch process in which a wet sludge is spread on an impermeable (usually paved) surface, and subjected to intermittent mechanical agitation to promote drying at an enhanced rate. The agitation is provided with a mobile machine that can promote the mechanical formation of wetted surface exposed to the atmosphere. Under climatic conditions that support evaporation the wetted surfaces are dried and new wetted surfaces are created until the material has reached the desired dry solids content for its intended use. The necessary climatic conditions exist at least seasonally in most populated areas of the United States. The end product can be dried to the 65% DS (dry solids level) or greater.

The curing step takes place when the dried material is stored in place for an adequate period of time. The porosity of the dried material allows aeration by convection, with heat build-up from the aerobic biological breakdown of the residual volatile matter in the solids and from insolation. The heat build-up is caused by further destruction of organic matter, and under the proper conditions of storage time can result in further pathogen destruction as well. The implicit effectiveness of the curing step in providing enough temperature and time for further pathogen destruction after solids stabilization is recognized in the so-called 'two-summer' method of the State of Colorado and USEPA Region 8 for production of a Class A biosolids (Ramey et al.).

KEYWORDS

Biosolids; air-drying; AADC; agitation; pathogen-free

INTRODUCTION

The AADC Process offers significant potential savings for the low-cost, low-tech production of a Class A biosolid from a solids feed that is first stabilized by anaerobic or aerobic digestion. One hindrance to process application has been the lack of a rational description of the AADC Process, needed for specification of technical standards for its application. The purpose of this paper is to:

- Propose a mechanism for description of air drying of solids.
- Describe a procedure for developing mass and volumetric balances of the AADC Process.
- Provide recommendations for rational application of the AADC Process in its many possible variations.

The AADC Process involves the introduction of either an un-dewatered solids stream onto a drying bed, or a dewatered cake onto a pad, after which the drying process is initiated. The mechanism that is described below addresses the drying that takes place in either case. The agitated air-drying step of the AADC Process is accomplished using one or more mobile machines, capable of splashing the liquid to promote drying to a DS (Dry Solids) content of $\geq 25\%$. Above this DS content the solids are macerated

and placed in a windrow as the machine is moved forward through the material. The maceration results in the exposure of new wetted surface, and the windrowing supports the exposure of the wet surface to solar insolation and air drying. The typical machine that performs the agitation and windrowing task is capable of processing up to 1,000 m³/hour of cake.

PROCESS MECHANISM

The mechanism that is operative in the agitated air-drying step is illustrated in Figure 1. The relative rate of evaporation will vary with the DS content according to which zone is operative. In Zone 1 (Figure 1) the sludge behaves as a liquid, and the rate of evaporation of water from the sludge surface is similar to that from a still body of water. In Zone 2 the material becomes more porous as the surface is dried to where it cracks open and particles are formed, with the wetted per unit area increasing above unity. With increasing dryness in Zone 2, the exposed surface area per unit area increases to a maximal level at which the evaporation rate is maximal. The DS content associated with the maximal rate of evaporation will vary with the characteristics of the sludge, the rate of renewal of wetted surface and the climatological conditions, but is typically in the range of 28 to 35% DS for sewage sludges.

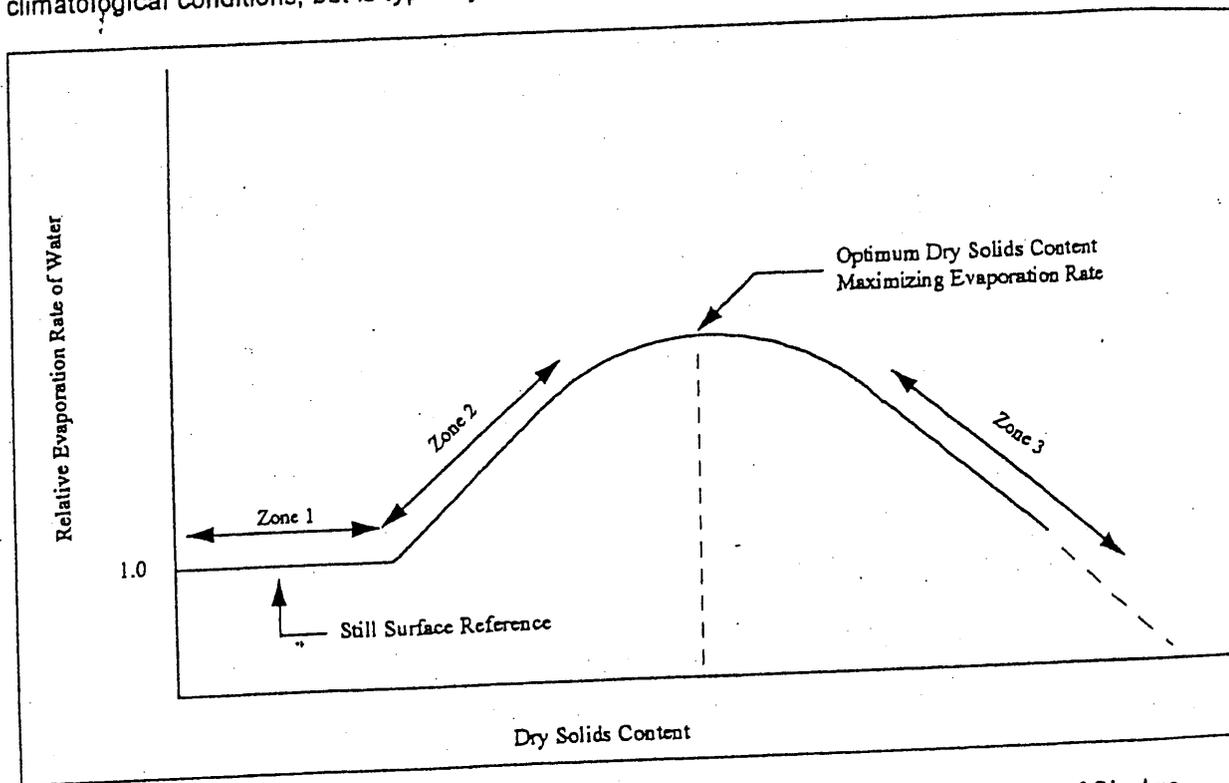


Figure 1: Relationship Between Relative Evaporation Rate and Dry Solids Content of Sludge

In Zone 3 the relative evaporation rate will decrease with increasing DS content because the supply of water available for evaporation decreases. Ultimately, the evaporation rate will decrease to zero regardless of further agitation when there is insufficient water within the dried material to wet the exposed surfaces of the solid particles.

One method for expediting an increase in the DS content of a liquid sludge is to admix or bulk the liquid sludge with material that has already been dried. This strategy is employed frequently in composting systems to increase the rate of drying and heating of the mix through the addition of fully composted material and organic bulking materials. This strategy is also effective for controlling the growth of flies the drying solids, as fly growth is not sustained in solids of greater than 30% DS.

PROCESS DESCRIPTION

The typical AADC Process consists of: drying beds (if no dewatering facility exists); an agitated air-drying pad for further drying of the solids removed from the drying beds; a paved curing area for further holding and occasional agitation of the dried material; and stockpile and transport loading areas, usually located in designated areas of the curing pad. Drying beds must be provided to receive the stabilized solids in a liquid form, and it is assumed for this discussion that a portion of the stockpiled product is recycled for use in bulking the solids removed from the drying bed, forming a mixture dry enough to be windrowed after emplacement on the agitated air drying pad. Figure 2 depicts the various steps in the AADC process following the transfer of a digested sludge to the drying bed. The 'stages' shown in Figure 2 are used later to exemplify the development of material and volumetric balances through the process.

As observed from field experience, a liquid sludge that is discharged to a drying bed at 4% DS can be dried to 15% DS by static drying or by 'splashing' using wheeled equipment, then transferred by front-end loader to the agitated air-drying bed. The stockpiled material can be dried to about 65% DS before dustage becomes a problem, and adjustment of the DS content of the material to be windrowed to about 40% will minimize the residence time on the pad for complete drying to 65% DS. The assumptions are incorporated in the process diagram of Figure 2.

It is also noted that the use of the recycle from stockpile is optional, in that there is a tradeoff between the solids content of the material transferred to agitated air drying and the time required to agitate the material to terminal dryness. Pilot trials are essential to pinpoint the local values of parameters assumed for this presentation. In particular the relative volumes and areas required for each step of the AADC Process will depend upon the requirements of the permit to operate the facility, the climate, the methods of stabilization and (if applicable) dewatering, the recycle step, the type of agitation equipment selected, and the skill of the equipment operator.

ASSUMPTIONS FOR EXAMPLE PROCESS DESIGN

The assumptions presented in this case study were developed from the experience of the author and his associates, most recently in connection with pilot and full scale testing of the AADC process at municipal wastewater treatment plants in the United Arab Emirates. The assumed characteristics of the materials in process are presented in Table 1. The parameters presented include total and volatile solids content and bulk density. The terminal dryness of the solids is assumed to be 65% DS from the agitated air-drying pad, and 80% DS from the stockpiled material that is used in recycle. The inventory of stockpiled material should be minimized if the material is >65% DS to minimize dustage.

Table 1. Assumed Characteristics of Materials in Process

Material	TS %	VS %	VS, % TS	Bulk Density (kg/m ³)	Notes
Digested Solids	4.0	2.6	65%	1,011	
Solids from Drying Bed	15.0	9.0	60%	1,042	
Bulked Windrow	40.0			900	Windrow machine reduces bulk density (> porosity)
Solids from Windrow	65.0	32.5	50%	1,120	
Solids from Stockpile	80.0	40.0	50%	1,138	

The VS content of the materials in process is assumed to decrease through the process, due to the loss of volatile solids to biological activity as well as to volatilization. Pilot trials are essential to determine the actual values of the solids parameters, to allow accurate predictions of process performance and limitations to be made.

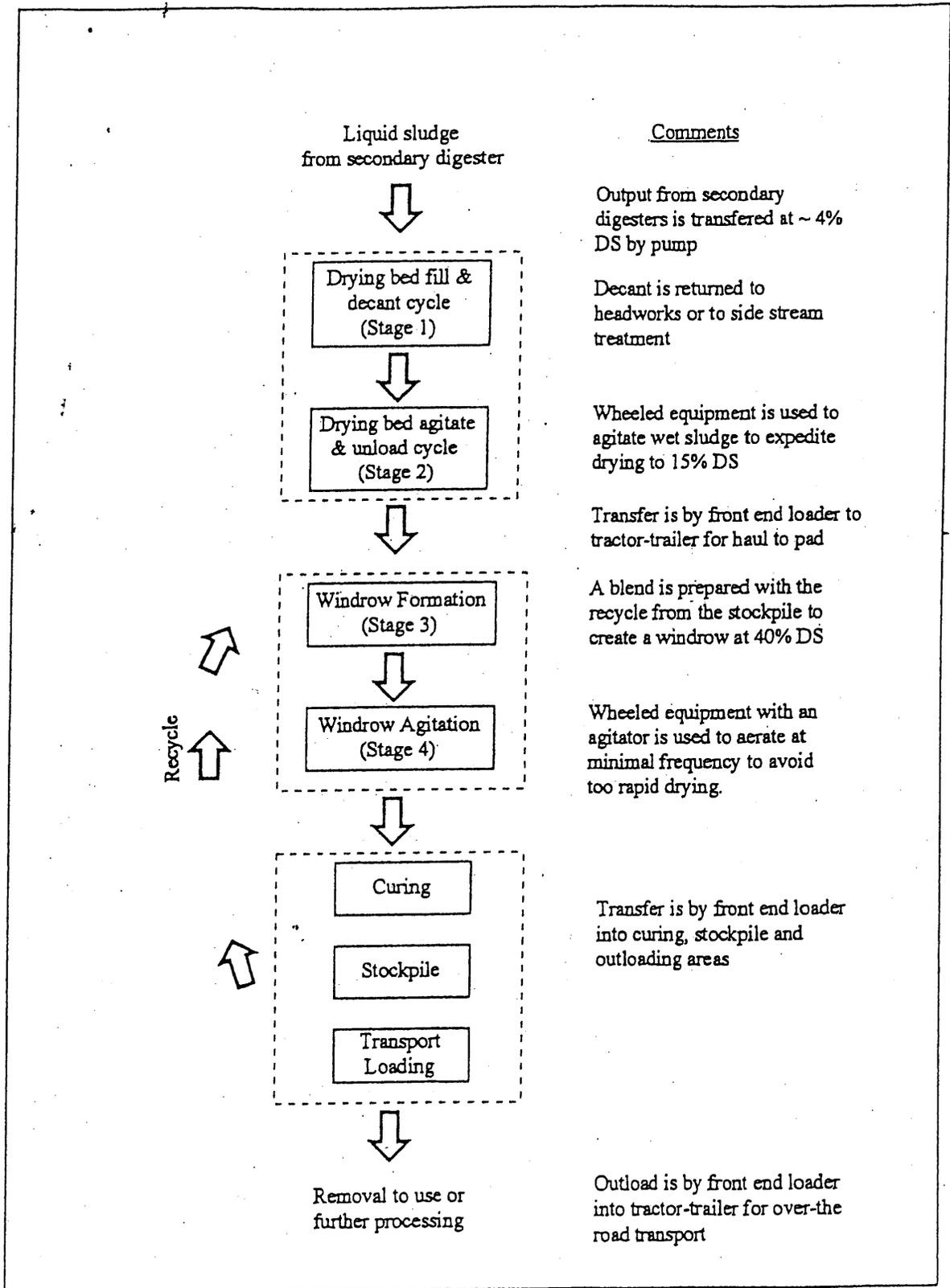


Figure 2: AADC Process with Recycle

An example mass and volumetric balance (Table 2) was developed for each stage of the AADC Process diagram as shown in Figure 2. The balance is constructed using the above assumptions, and for the case where liquid sludge from the digester is dried to 15% in the drying beds, then removed, bulked with recycle to 40% DS and dried by agitation to 65% DS. The balance is presented in Table 2 for an input of 100 wet metric tons of liquid at 4% DS, or 4 dry metric tons.

The procedures used in the calculations are as follows:

- The IS (Inert Solids) are assumed to be conservative.
- The characteristics of the materials in process are as presented in Table 1.
- Volumes are calculated on the basis of total tonnage and bulk density.
- The transfers from the stockpile and from the drying beds are added and the total tonnage is divided by the bulk density of the newly bulked material to estimate the volume of the newly-formed windrow.
- The volatile solids in process are assumed to decrease progressively through the stages of the drying bed and the agitated air drying pad.

It is evident from Table 2 that the volume of the material entering the drying beds (as 100 wet metric tons of liquid sludge) is decreased for 98.9 m³ to 22.4 m³ at transfer from the beds to the pad. The bulked windrow at 42.1 m³ is decreased to 20.8 m³ at the end of the windrowing operation. As the material continues to dry from 65% to 80% DS and to become more compact in storage, the volume is reduced further from 20.8 to 16.0 m³. The mass of water through the process stages is thereby decreased from an input of 96 metric tons into the drying bed, to 7.9 metric tons as the material is removed to stockpile. The material quantities in Table 2 can be scaled up to meet the capacity requirements of a specific installation, and for estimation of the mobile equipment requirements for materials handling. The estimated detention time for the example is 16 days, reflecting the hot, humid summertime operating environment that is found in the United Arab Emirates and in many areas of the United States. However, the 16-day time frame does not take into account any period of retention that may be needed to meet regulatory requirements for storage of cured material to meet the requirements of a PFRP permit and the stability requirements of a Class A biosolids. Similar material and volumetric balances can be constructed for any set of input conditions using the framework presented in Table 2.

DISCUSSION

The AADC Process has been demonstrated in various applications as a low-cost, low-tech method of producing a biosolids product acceptable, in certain states and under rigorous conditions, as a PRFP product. Variations of an agitated air-drying process have been demonstrated successfully in such diverse locations as Chicago, IL (Tata, et al.) and at the Louisville and Pinery WWTPs in Colorado (Ramey, et al.). The operating conditions have been varied to meet local conditions, and without fail the successful applications has been directed by dedicated and insightful managers with a 'can do' outlook. In each case extensive pathogen testing was undertaken to validate a proposed plan of operation.

The mechanism for air drying and the approach to material and volumetric balances as proposed in this paper has stood the test of time, and offers the engineer a rational approach for application of the AADC Process as a low-cost, low-tech method for final processing of biosolids. A WERF-funded project is in process of investigating definitively a number of installations using storage and air-drying (Schafer, et al.), and should add further to the knowledge of how to produce a PRFP biosolids using low-cost, low-tech methodologies.

Table 2. Mass & Volumetric Balance Computations

Input: 100 Wet Tonnes from Secondary Digesters to Drying Beds (4% DS);
Transfer to Windrow at 15% DS; Recycle; Rapid Drying

Operation	% DS	Bulk Density (kg/m ³)	Mass (metric tons)					Volume (m ³)	Days From/To
			Total	TS	VS	IS	H ₂ O		
Drying Bed fill (Stage 1)	4	1.011	100.0	4.0	2.6	1.4	96.0	} 10	
From Drying Bed (Stage 2)	15	1.042	23.3	3.5	2.1	1.4	19.8		
From Stock Pile (recycle)	80	1.138	14.6	11.7	5.8	5.9	12.8	} 6	
To Windrow (Stage 3)	40	0.900	37.9	15.2	7.9	7.3	42.1		
To Windrow (Stage 4)	65	1.120	22.5	14.6	7.3	7.3	20.8		
To the Stockpile	80	1.138	18.3	14.6	7.3	7.3	16.0		

Notes:

TS= Total Solids
VS= Volatile Solids
IS= Inert (fixed) Solids
Bulking Ratio= 0.625

ACKNOWLEDGMENTS

The author wishes to acknowledge the contributions of Mr. Roy Walden, Dr. Ersin Kasirga and Mr. Keith Komegay of Parsons Engineering Science, Inc. to the concepts presented in this paper. The author also acknowledges the many contributions of Mr. George Hall of the LASMA, MWRDGG, Chicago, IL to his understanding of agitated air-drying.

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Ramey, R. Wayne, Terry Anderson, and Dave Oerke (1996). "Using A Low-Cost, Low-Tech Air Drying/Storage Process To Produce A Class "A" Biosolids." Paper presented at the 10th Annual Residuals and Biosolids Management Conference, Water Environment Federation, August 1996, Denver, Colorado.

Schafer, Perry L., and Joseph B. Farrell. (1997). "Creating Class A Biosolids Through Storage and Air Drying Processes." Paper presented at WEF/AWWA Joint Conference on Water Residuals and Biosolids Management, August 1997, Philadelphia, Pennsylvania.

Tata, Prakasam, Cecil Lue-Hing, James Bertucci, Salvador J. Sedita, C. Rao Kambhampati, and David R. Zenz (1997). "Class A Biosolids Production by a Low Cost Technology." Paper presented at the 1997 Annual Conference of the Water Environment Federation, October 1997, Chicago, Illinois.