



# Florida Department of Environmental Protection

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

## Residuals Annual Summary

### Part I - Facility Information

FACILITY NAME: SEBRING RIDGE WWTF

FACILITY ID:

FLA 103357

MAILING ADDRESS: 3625 VALERIE BLVD  
SEBRING FL 33870

MONITORING PERIOD -- From: JAN 1, 2010 To: DEC 31, 2010

Total Quantity of Residuals Applied During Reporting Period: 3.3 dry tons

Total Number of Residuals Land Application Sites Used During Reporting Period: 1 (Parts II and III should address all residuals land application sites used)

Update of Residuals Characteristics (arithmetic average of all samples taken pursuant to Rule 62-640.650(1), F.A.C., during the reporting period):

| Parameter        | Units*     | Ceiling Limits for Class A and B | Concentration | Parameter (continued) | Units* | Ceiling Limits for Class A and B | Concentration |
|------------------|------------|----------------------------------|---------------|-----------------------|--------|----------------------------------|---------------|
| Total Nitrogen   | %          | N/A                              | 7.5           | Copper                | mg/kg  | 4300                             | 206           |
| Total Phosphorus | %          | N/A                              | 1.76          | Lead                  | mg/kg  | 840                              | 19            |
| Total Potassium  | %          | N/A                              | 0.51          | Mercury               | mg/kg  | 57                               | 0.20          |
| Total Solids     | %          | N/A                              | 1.2           | Molybdenum            | mg/kg  | 75                               | 4.0           |
| pH               | std. units | N/A                              | 6.6           | Nickel                | mg/kg  | 420                              | 12            |
| Arsenic          | mg/kg      | 75                               | 4.0           | Selenium              | mg/kg  | 100                              | 6.4           |
| Cadmium          | mg/kg      | 85                               | 1.4           | Zinc                  | mg/kg  | 7500                             | 1032          |

\*All units are in a dry weight basis except for total solids and pH. All sampling and analysis shall be conducted pursuant to Title 40 Code of Federal Regulations, Section 503.8, and the POTW Sludge Sampling and Analysis Guidance Document.

N/A = not applicable

Pathogen Reduction Class (Rule 62-640.600(1), F.A.C.):

☐ A ☒ B

EPA Vector Attraction Reduction Option (Rule 62-640.600(2), F.A.C.):

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5  
☒ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10

### Certification

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

|                                                                               |                 |
|-------------------------------------------------------------------------------|-----------------|
| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT (Type or Print) | TELEPHONE NO.   |
| SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT                  | DATE (YY/MM/DD) |

RECEIVED  
FEB 17 2011  
D.E.P. South District

Part III. Total Residuals or Septage, Nutrients, and Trace Elements Applied to Application Zones Used by Multiple Facilities (attach separate page for "other solids," if applicable):

Facility (as shown in Agricultural Use Plan):

FLA014349 - Sebring Ridge WWTF

H H.L.S.D., INC.

Site Name (as identified in Agricultural Use Plan):

Circle Cross Ranch

2010 ANNUAL SUMMARY

Site Address (as shown in Agricultural Use Plan):

Angus Road, Alturas FL 33853

1/21/2011

| Application Zone ID(s) | Crop(s) | Facility                      | Dry Tons Applied/Ac | N              | P              | K             | As           | Cd           | Cu            | Pb           | Hg           | Mo           | Ni           | Se           | Zn            |
|------------------------|---------|-------------------------------|---------------------|----------------|----------------|---------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 13B                    | Jiggs   | Howard F. Curran AWTP         | 0.49                | 74.174         | 25.389         | 0.973         | 0.003        | 0.002        | 0.637         | 0.039        | 0.001        | 0.021        | 0.026        | 0.038        | 1.071         |
|                        |         | City of Bradenton WRF         | 0.21                | 20.972         | 19.927         | 4.088         | 0.001        | 0.002        | 0.144         | 0.008        | 0.001        | 0.002        | 0.008        | 0.001        | 0.563         |
|                        |         | Marshall Street WWTF          | 0.05                | 5.570          | 3.457          | 0.182         | 0.001        | 0.000        | 0.048         | 0.002        | 0.000        | 0.001        | 0.002        | 0.001        | 0.065         |
|                        |         | Plant City WWTF               | 0.26                | 21.568         | 44.259         | 3.710         | 0.002        | 0.001        | 0.175         | 0.006        | 0.000        | 0.007        | 0.008        | 0.005        | 0.176         |
|                        |         | Sebring Ridge WWTF            | 0.03                | 4.821          | 1.128          | 0.327         | 0.000        | 0.000        | 0.013         | 0.001        | 0.000        | 0.000        | 0.001        | 0.000        | 0.066         |
|                        |         | Fairmount WWTF                | 0.02                | 3.213          | 0.780          | 0.237         | 0.000        | 0.000        | 0.008         | 0.001        | 0.000        | 0.000        | 0.000        | 0.000        | 0.042         |
|                        |         | Northeast WWTF                | 0.20                | 22.574         | 15.318         | 0.645         | 0.008        | 0.001        | 0.281         | 0.007        | 0.001        | 0.008        | 0.006        | 0.003        | 0.297         |
|                        |         | Northwest WRF (Site 703)      | 0.25                | 43.155         | 14.267         | 1.777         | 0.002        | 0.001        | 0.340         | 0.016        | 0.001        | 0.009        | 0.008        | 0.002        | 0.494         |
|                        |         | Albert Whitted WRF (Site 701) | 0.15                | 24.688         | 9.028          | 0.768         | 0.001        | 0.001        | 0.233         | 0.024        | 0.000        | 0.005        | 0.009        | 0.001        | 0.341         |
|                        |         | Southwest WRF (Site 704)      | 0.23                | 35.726         | 11.969         | 1.310         | 0.002        | 0.001        | 0.273         | 0.016        | 0.000        | 0.006        | 0.034        | 0.002        | 0.492         |
|                        |         | Northeast WRF (Site 702)      | 0.21                | 34.270         | 14.669         | 1.072         | 0.002        | 0.001        | 0.234         | 0.013        | 0.000        | 0.005        | 0.006        | 0.002        | 0.413         |
|                        |         | <b>Annual Total</b>           |                     | <b>290.750</b> | <b>160.189</b> | <b>15.089</b> | <b>0.022</b> | <b>0.009</b> | <b>2.385</b>  | <b>0.132</b> | <b>0.004</b> | <b>0.063</b> | <b>0.109</b> | <b>0.054</b> | <b>4.021</b>  |
|                        |         | <b>Cumulative Total</b>       |                     |                |                |               | <b>0.252</b> | <b>0.099</b> | <b>21.085</b> | <b>1.302</b> | <b>0.044</b> | <b>0.063</b> | <b>0.779</b> | <b>0.364</b> | <b>30.421</b> |
| 13A                    | Jiggs   | Howard F. Curran AWTP         | 0.37                | 56.137         | 16.709         | 0.733         | 0.004        | 0.002        | 0.476         | 0.029        | 0.001        | 0.017        | 0.021        | 0.031        | 0.806         |
|                        |         | City of Bradenton WRF         | 0.21                | 23.585         | 17.763         | 3.460         | 0.001        | 0.003        | 0.154         | 0.009        | 0.001        | 0.002        | 0.008        | 0.001        | 0.556         |
|                        |         | Marshall Street WWTF          | 0.13                | 15.385         | 9.550          | 0.504         | 0.002        | 0.000        | 0.131         | 0.005        | 0.000        | 0.004        | 0.005        | 0.002        | 0.181         |
|                        |         | Plant City WWTF               | 0.14                | 19.555         | 6.686          | 1.483         | 0.005        | 0.007        | 0.256         | 0.006        | 0.000        | 0.004        | 0.023        | 0.001        | 0.227         |
|                        |         | Sebring Ridge WWTF            | 0.01                | 1.543          | 0.367          | 0.109         | 0.000        | 0.000        | 0.004         | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.021         |
|                        |         | Fairmount WWTF                | 0.01                | 1.142          | 0.286          | 0.090         | 0.000        | 0.000        | 0.004         | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.015         |
|                        |         | Northeast WWTF                | 0.21                | 23.209         | 15.749         | 0.663         | 0.009        | 0.001        | 0.289         | 0.007        | 0.001        | 0.008        | 0.006        | 0.003        | 0.305         |
|                        |         | Northwest WRF (Site 703)      | 0.28                | 47.202         | 15.604         | 1.944         | 0.002        | 0.001        | 0.372         | 0.017        | 0.001        | 0.009        | 0.009        | 0.002        | 0.540         |
|                        |         | Albert Whitted WRF (Site 701) | 0.28                | 45.005         | 16.457         | 1.399         | 0.002        | 0.001        | 0.425         | 0.045        | 0.001        | 0.009        | 0.017        | 0.002        | 0.621         |
|                        |         | Southwest WRF (Site 704)      | 0.15                | 24.423         | 8.182          | 0.895         | 0.001        | 0.000        | 0.186         | 0.011        | 0.000        | 0.004        | 0.024        | 0.001        | 0.337         |
|                        |         | Northeast WRF (Site 702)      | 0.15                | 23.427         | 10.028         | 0.733         | 0.001        | 0.001        | 0.160         | 0.009        | 0.000        | 0.004        | 0.004        | 0.001        | 0.282         |
|                        |         | <b>Annual Total</b>           |                     | <b>280.614</b> | <b>117.381</b> | <b>12.013</b> | <b>0.027</b> | <b>0.015</b> | <b>2.458</b>  | <b>0.139</b> | <b>0.005</b> | <b>0.060</b> | <b>0.116</b> | <b>0.044</b> | <b>3.892</b>  |
|                        |         | <b>Cumulative Total</b>       |                     |                |                |               | <b>0.207</b> | <b>0.095</b> | <b>21.858</b> | <b>1.259</b> | <b>0.045</b> | <b>0.060</b> | <b>0.746</b> | <b>0.284</b> | <b>31.692</b> |
| 10A                    | Banla   | City of Bradenton WRF         | 0.19                | 20.978         | 15.799         | 3.077         | 0.000        | 0.002        | 0.137         | 0.008        | 0.001        | 0.001        | 0.007        | 0.000        | 0.495         |
|                        |         | Marshall Street WWTF          | 0.17                | 19.970         | 12.395         | 0.654         | 0.003        | 0.000        | 0.170         | 0.006        | 0.000        | 0.005        | 0.006        | 0.002        | 0.235         |
|                        |         | Plant City WWTF               | 0.56                | 78.268         | 26.761         | 5.935         | 0.019        | 0.026        | 1.023         | 0.025        | 0.000        | 0.016        | 0.091        | 0.005        | 0.908         |
|                        |         | Sebring Ridge WWTF            | 0.01                | 1.954          | 0.457          | 0.133         | 0.000        | 0.000        | 0.005         | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.027         |
|                        |         | Fairmount WWTF                | 0.01                | 1.953          | 0.474          | 0.144         | 0.000        | 0.000        | 0.005         | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.026         |
|                        |         | Northeast WWTF                | 0.38                | 42.484         | 28.829         | 1.214         | 0.016        | 0.001        | 0.529         | 0.013        | 0.001        | 0.014        | 0.011        | 0.006        | 0.559         |

(Enter nutrients and trace elements in lbs/acre.)

Note: Annual cumulative loadings are products of weighted averages based on each facility's acreage allotment within zone, and are not additive.

Part III. Total Residuals or Septage, Nutrients, and Trace Elements Applied to Application Zones Used by Multiple Facilities (attach separate page for "other solids," if applicable):

Facility (as shown in Agricultural Use Plan):

FLA014349 - Sebring Ridge WWTF

Site Name (as identified in Agricultural Use Plan):

Circle Cross Ranch

Site Address (as shown in Agricultural Use Plan):

Angus Road, Alturas FL 33853

H H L.S.D., INC.

2010 ANNUAL SUMMARY

1/21/2011

| Application Zone ID(s) | Crop(s) | Facility                 | Dry Tons Applied/Ac | N       | P       | K      | As    | Cd    | Cu     | Pb    | Hg    | Mo    | Ni    | Se    | Zn     |
|------------------------|---------|--------------------------|---------------------|---------|---------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 10A                    | Bahia   | Northwest WRF (Site 703) | 0.19                | 31.488  | 10.410  | 1.297  | 0.002 | 0.001 | 0.248  | 0.012 | 0.000 | 0.006 | 0.006 | 0.001 | 0.360  |
|                        |         | Southwest WRF (Site 704) | 0.41                | 65.168  | 21.833  | 2.389  | 0.003 | 0.001 | 0.498  | 0.029 | 0.001 | 0.010 | 0.063 | 0.003 | 0.898  |
|                        |         | Northeast WRF (Site 702) | 0.20                | 31.256  | 13.379  | 0.978  | 0.002 | 0.001 | 0.214  | 0.012 | 0.000 | 0.005 | 0.006 | 0.001 | 0.376  |
|                        |         | Annual Total             |                     | 293.521 | 130.337 | 15.820 | 0.045 | 0.033 | 2.829  | 0.106 | 0.004 | 0.059 | 0.190 | 0.020 | 3.884  |
|                        |         | Cumulative Total         |                     |         |         |        | 0.265 | 0.113 | 20.429 | 1.326 | 0.044 | 0.059 | 0.800 | 0.210 | 16.184 |

(Enter nutrients and trace elements in lbs/acre.)

Note: Annual cumulative loadings are products of weighted averages based on each facility's acreage allotment within zone, and are not additive.

Sebring Ridge Utilities  
Facility: Sebring Ridge WWTF  
Facility ID: FLA103357

2010 BIOSOLIDS REPORT  
2010 Land Application Summary

01/20/11

| Land Applicator: | H & H Liquid Sludge Disposal, Inc.<br>P.O. Box 390<br>Branford, FL 32008 | Applied<br>(Dry tons) | Applied<br>(Metric tons) | Area Applied<br>(Acres) | Area Applied<br>(Hectares) | Loading<br>(Dry Tons/ac) |
|------------------|--------------------------------------------------------------------------|-----------------------|--------------------------|-------------------------|----------------------------|--------------------------|
| 1. Site / Owner: | Circle Cross Ranch - C. Lightsey                                         | 3.3                   | 3.0                      | 146                     | 59.1                       | 0.023                    |
| ID/Coordinates:  | FLA311898 - N27.5000; W81.6672                                           |                       |                          |                         |                            |                          |
| Site Location:   | 9015 Angus Rd.<br>Alturas, FL 33853 - Polk Co.                           |                       |                          |                         |                            |                          |

Totals

3.3      3.0      146      59.1

*H & H L.S.D., Inc.*

*A Residue Management Company*

*HHLSD.com*

100 E. Linton Boulevard Suite 208B  
Delray Beach, Florida 33483-3336  
Phone 561/ 274.4840 Fax 561/274.9092

SEBRING RIDGE UTILITIES

SEBRING RIDGE WWTF  
FACILITY ID# FLA103357

LAND APPLICATION CONTRACTOR: H & H Liquid Sludge Disposal, Inc.  
P.O. Box 390  
Branford, FL 32008

2010 Certification Statement for Land Application Practices

"I certify under penalty of law, that the land application practices and agricultural site management requirements and restrictions pursuant to Rule 62-640 F.A.C. have been met during the course of 2010. This determination has been made under my direction and supervision in accordance with the system designed to insure that qualified personnel properly gather and evaluate the information used to determine that the requirements have been met. I am aware that there are significant penalties for false certification, including the possibility of fine and imprisonment."

Signed



Date

1/11/11

Martin E. Buerk  
Vice President  
H & H L.S.D., Inc.