



Board of County Commissioners

DEPARTMENT OF PUBLIC WORKS SOLID WASTE MANAGEMENT DIVISION

P.O. Box 340, Lecanto, Florida 34460

Telephone: (352) 527-7670 FAX: (352) 527-7672

TDD Telephone 527-5303

email: landfillinfo@bocc.citrus.fl.us

Citrus Springs/Dunnellon/Ingليس/Yankeetown area Toll Free (352) 489-2120

January 13, 2016

Department of Environmental Protection
Solid Waste Section
13051 N Telecom Pkwy
Temple Terrace, FL 33637-0926

**Re: Citrus County Central Landfill - Permit No. 21375-018-SO/01
Leachate Generation and Daily Precipitation Report
WACS I.D. # 39859 - Electronic Submittal**

Gentlemen:

In compliance with Specific Condition C.8.e.2, of the above referenced permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months of October, November and December 2015, together with the Year-to-Date Leachate Tracking Summary.

Notification of Phase 3 Secondary system exceedance during October was previously submitted and there were no exceedances during November and December.

If you should need additional information, please let me know.

Sincerely,

Henry C. Norris, Jr.
Director, Citrus County
Division of Solid Waste Management

HCN:CW

CC: Jeff Rogers, P.E., Director, Department of Public Works (Electronic)
Ed Hilton, SCS Engineers – Tampa Office (Electronic)

**CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS**

| MONTH | RAIN DATA | 7-ACRE TOTAL OF LEACHATE | 80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1, 1A, 2 & 3 | 80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1, 1A, 2 & 3 | SURFACE LEACHATE OR SPECIAL PROJECT | TOTAL INFLUENT LEACHATE | HAULED LEACHATE (RAW) FOR DISPOSAL OFF-SITE | FORCE MAIN LEACHATE (RAW) FOR DISPOSAL OFF-SITE | EFFLUENT DISPOSAL ON-SITE | TOTAL DISPOSAL | BALANCE |
|------------------|--------------|--------------------------|--|--|-------------------------------------|-------------------------|---|---|---------------------------|-----------------|---------------|
| JANUARY | 4.34 | 12478 | 984542 | 48049 | | 1045069 | 398262 | 0 | 644777 | 1043039 | 2030 |
| FEBRUARY | 3.01 | 11082 | 675802 | 29720 | 0 | 716604 | 112432 | 0 | 539843 | 652275 | 64329 |
| MARCH | 2.28 | 11952 | 442166 | 10965 | 11129 | 476212 | 56053 | 0 | 374345 | 430398 | 45814 |
| APRIL | 3.45 | 11498 | 339081 | 10809 | 0 | 361388 | 32005 | 10438 | 457371 | 499814 | -138426 |
| MAY | 1.69 | 10541 | 273794 | 8525 | 0 | 292860 | 0 | 30741 | 311433 | 342174 | -49314 |
| JUNE | 4.99 | 10343 | 471798 | 13172 | 0 | 495313 | 0 | 486321 | 0 | 486321 | 8992 |
| JULY | 15.64 | 11856 | 2211919 | 160947 | 0 | 2384722 | 251532 | 1564842 | 0 | 1816374 | 568348 |
| AUGUST | 17.31 | 11385 | 2790423 | 239772 | 1210900 | 4252480 | 0 | 4479000 | 0 | 4479000 | -226520 |
| SEPTEMBER | 6.65 | 11390 | 837964 | 25894 | 0 | 875248 | 0 | 546000 | 0 | 546000 | 329248 |
| OCTOBER | 1.03 | 10325 | 390723 | 12760 | 75000 | 488808 | 0 | 530000 | 0 | 530000 | -41192 |
| NOVEMBER | 0.44 | 9883 | 332814 | 8243 | 0 | 350940 | 0 | 244000 | 0 | 244000 | 106940 |
| DECEMBER | 1.90 | 10753 | 331726 | 9256 | 0 | 351735 | 0 | 272000 | 0 | 272000 | 79735 |
| YTD TOTAL | 62.73 | 133486 | 10082752 | 578112 | 1297029 | 12091379 | 850284 | 8163342 | 2327769 | 11341395 | 749984 |

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

| DATE | DAY | RAIN DATA | 80-ACRE TOTAL SECONDARY PHASE 1, 1A, 2 & 3 | 80-ACRE TOTAL PRIMARY PHASE 1, 1A, 2 & 3 | 7 ACRE LEACHATE FLOW | SURFACE LEACHATE OR SPECIAL PROJECT | TOTAL LEACHATE GENERATED | HAULED LEACHATE (RAW) FOR DISPOSAL OFF SITE | FORCE MAIN LEACHATE (RAW) FOR DISPOSAL OFF SITE | TOTAL LEACHATE DISPOSAL | BALANCE |
|--------------|-----|-------------|--|--|----------------------|-------------------------------------|--------------------------|---|---|-------------------------|---------------|
| 10/1/15 | Thu | 0.18 | 493 | 23104 | 451 | 0 | 24048 | 0 | 24000 | 24000 | |
| 10/2/15 | Fri | 0.54 | 1351 | 38950 | 294 | 0 | 40595 | 0 | 51000 | 51000 | |
| 10/3/15 | Sat | 0.00 | 922 | 20456 | 762 | 0 | 22140 | 0 | 26000 | 26000 | |
| 10/4/15 | Sun | 0.03 | 573 | 14218 | 0 | 0 | 14791 | 0 | 16000 | 16000 | |
| 10/5/15 | Mon | 0.02 | 355 | 17583 | 448 | 0 | 18386 | 0 | 19000 | 19000 | |
| 10/6/15 | Tue | 0.00 | 375 | 19538 | 306 | 0 | 20219 | 0 | 19000 | 19000 | |
| 10/7/15 | Wed | 0.00 | 1071 | 14624 | 448 | 0 | 16143 | 0 | 15000 | 15000 | |
| 10/8/15 | Thu | 0.00 | 285 | 14355 | 296 | 0 | 14936 | 0 | 15000 | 15000 | |
| 10/9/15 | Fri | 0.00 | 270 | 13939 | 8 | 0 | 14217 | 0 | 12000 | 12000 | |
| 10/10/15 | Sat | 0.00 | 309 | 13916 | 718 | 0 | 14943 | 0 | 15000 | 15000 | |
| 10/11/15 | Sun | 0.00 | 116 | 12267 | 0 | 0 | 12383 | 0 | 11000 | 11000 | |
| 10/12/15 | Mon | 0.00 | 435 | 13251 | 744 | 0 | 14430 | 0 | 15000 | 15000 | |
| 10/13/15 | Tue | 0.00 | 383 | 10571 | 0 | 0 | 10954 | 0 | 10000 | 10000 | |
| 10/14/15 | Wed | 0.00 | 1060 | 9864 | 448 | 0 | 11372 | 0 | 11000 | 11000 | |
| 10/15/15 | Thu | 0.00 | 185 | 11425 | 291 | 0 | 11901 | 0 | 12000 | 12000 | |
| 10/16/15 | Fri | 0.00 | 357 | 11164 | 444 | 0 | 11965 | 0 | 13000 | 13000 | |
| 10/17/15 | Sat | 0.00 | 347 | 9750 | 290 | 0 | 10387 | 0 | 11000 | 11000 | |
| 10/18/15 | Sun | 0.00 | 372 | 8287 | 0 | 0 | 8659 | 0 | 9000 | 9000 | |
| 10/19/15 | Mon | 0.00 | 561 | 10256 | 443 | 0 | 11260 | 0 | 10000 | 10000 | |
| 10/20/15 | Tue | 0.00 | 320 | 9307 | 281 | 75000 | 84908 | 0 | 11000 | 11000 | |
| 10/21/15 | Wed | 0.00 | 32 | 10426 | 445 | 0 | 10903 | 0 | 58000 | 58000 | |
| 10/22/15 | Thu | 0.00 | 281 | 11764 | 278 | 0 | 12323 | 0 | 66000 | 66000 | |
| 10/23/15 | Fri | 0.00 | 298 | 6402 | 0 | 0 | 6700 | 0 | 6000 | 6000 | |
| 10/24/15 | Sat | 0.00 | 52 | 7747 | 722 | 0 | 8521 | 0 | 10000 | 10000 | |
| 10/25/15 | Sun | 0.00 | 271 | 8119 | 0 | 0 | 8390 | 0 | 10000 | 10000 | |
| 10/26/15 | Mon | 0.00 | 18 | 5653 | 730 | 0 | 6401 | 0 | 9000 | 9000 | |
| 10/27/15 | Tue | 0.26 | 262 | 9865 | 0 | 0 | 10127 | 0 | 10000 | 10000 | |
| 10/28/15 | Wed | 0.00 | 42 | 5958 | 724 | 0 | 6724 | 0 | 4000 | 4000 | |
| 10/29/15 | Thu | 0.00 | 446 | 6001 | 0 | 0 | 6447 | 0 | 7000 | 7000 | |
| 10/30/15 | Fri | 0.00 | 632 | 10341 | 433 | 0 | 11406 | 0 | 12000 | 12000 | |
| 10/31/15 | Sat | 0.00 | 286 | 11622 | 321 | 0 | 12229 | 0 | 13000 | 13000 | |
| TOTAL | | 1.03 | 12760 | 390723 | 10325 | 75000 | 488808 | 0 | 530000 | 530000 | -41192 |

PHASE 1, 1A, 2 & 3 TOTAL ACRES 32.6 - 7.7 OPEN, 24.9 INTERMEDIATE, 0.0 CLOSED

10/20/15 Pumped 75,000 gallons of stormwater from Phase 3 cell to storage tanks

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

| DATE | DAY | RAIN DATA | 80-ACRE TOTAL SECONDARY PHASE 1, 1A, 2 & 3 | 80-ACRE TOTAL PRIMARY PHASE 1, 1A, 2 & 3 | 7 ACRE LEACHATE FLOW | SURFACE LEACHATE OR SPECIAL PROJECT | TOTAL LEACHATE GENERATED | HAULED LEACHATE (RAW) FOR DISPOSAL OFF SITE | FORCE MAIN LEACHATE (RAW) FOR DISPOSAL OFF SITE | TOTAL LEACHATE DISPOSAL | BALANCE |
|--------------|-----|-------------|--|--|----------------------|-------------------------------------|--------------------------|---|---|-------------------------|---------------|
| 11/1/15 | Sun | 0.00 | 277 | 10386 | 446 | 0 | 11109 | 0 | 11000 | 11000 | |
| 11/2/15 | Mon | 0.00 | 27 | 9645 | 304 | 0 | 9976 | 0 | 12000 | 12000 | |
| 11/3/15 | Tue | 0.00 | 272 | 5742 | 0 | 0 | 6014 | 0 | 0 | 0 | |
| 11/4/15 | Wed | 0.00 | 29 | 1970 | 751 | 0 | 2750 | 0 | 0 | 0 | |
| 11/5/15 | Thu | 0.00 | 278 | 8611 | 0 | 0 | 8889 | 0 | 5000 | 5000 | |
| 11/6/15 | Fri | 0.00 | 192 | 9745 | 712 | 0 | 10649 | 0 | 8000 | 8000 | |
| 11/7/15 | Sat | 0.00 | 291 | 9488 | 0 | 0 | 9779 | 0 | 7000 | 7000 | |
| 11/8/15 | Sun | 0.01 | 258 | 10214 | 700 | 0 | 11172 | 0 | 9000 | 9000 | |
| 11/9/15 | Mon | 0.17 | 33 | 7832 | 0 | 0 | 7865 | 0 | 8000 | 8000 | |
| 11/10/15 | Tue | 0.02 | 328 | 7471 | 742 | 0 | 8541 | 0 | 0 | 0 | |
| 11/11/15 | Wed | 0.01 | 450 | 9775 | 0 | 0 | 10225 | 0 | 0 | 0 | |
| 11/12/15 | Thu | 0.01 | 155 | 6048 | 295 | 0 | 6498 | 0 | 6000 | 6000 | |
| 11/13/15 | Fri | 0.00 | 474 | 7018 | 448 | 0 | 7940 | 0 | 8000 | 8000 | |
| 11/14/15 | Sat | 0.00 | 393 | 8885 | 298 | 0 | 9576 | 0 | 9000 | 9000 | |
| 11/15/15 | Sun | 0.00 | 128 | 7278 | 449 | 0 | 7855 | 0 | 8000 | 8000 | |
| 11/16/15 | Mon | 0.00 | 297 | 9357 | 0 | 0 | 9654 | 0 | 9000 | 9000 | |
| 11/17/15 | Tue | 0.00 | 259 | 9002 | 749 | 0 | 10010 | 0 | 0 | 0 | |
| 11/18/15 | Wed | 0.12 | 19 | 17286 | 0 | 0 | 17305 | 0 | 12000 | 12000 | |
| 11/19/15 | Thu | 0.08 | 258 | 13790 | 270 | 0 | 14318 | 0 | 30000 | 30000 | |
| 11/20/15 | Fri | 0.01 | 297 | 14364 | 410 | 0 | 15071 | 0 | 15000 | 15000 | |
| 11/21/15 | Sat | 0.00 | 287 | 13315 | 315 | 0 | 13917 | 0 | 15000 | 15000 | |
| 11/22/15 | Sun | 0.01 | 492 | 16663 | 449 | 0 | 17604 | 0 | 17000 | 17000 | |
| 11/23/15 | Mon | 0.00 | 317 | 14726 | 301 | 0 | 15344 | 0 | 16000 | 16000 | |
| 11/24/15 | Tue | 0.00 | 470 | 13033 | 448 | 0 | 13951 | 0 | 16000 | 16000 | |
| 11/25/15 | Wed | 0.00 | 355 | 8311 | 304 | 0 | 8970 | 0 | 0 | 0 | |
| 11/26/15 | Thu | 0.00 | 345 | 10701 | 0 | 0 | 11046 | 0 | 0 | 0 | |
| 11/27/15 | Fri | 0.00 | 133 | 12992 | 748 | 0 | 13873 | 0 | 0 | 0 | |
| 11/28/15 | Sat | 0.00 | 629 | 12228 | 0 | 0 | 12857 | 0 | 7000 | 7000 | |
| 11/29/15 | Sun | 0.00 | 151 | 30394 | 744 | 0 | 31289 | 0 | 9000 | 9000 | |
| 11/30/15 | Mon | 0.00 | 349 | 16544 | 0 | 0 | 16893 | 0 | 7000 | 7000 | |
| TOTAL | | 0.44 | 8243 | 332814 | 9883 | 0 | 350940 | 0 | 244000 | 244000 | 106940 |

PHASE 1, 1A, 2 & 3 TOTAL ACRES 32.6 - 7.7 OPEN, 24.9 INTERMEDIATE, 0.0 CLOSED

11/23/15- Installed new flow meter at the Phase III cell for secondary pump.
 11/24/15- Installed new flow meters at the Phase II cell.

CITRUS COUNTY CENTRAL LANDFILL

DAILY GALLONS LEACHATE GENERATED, DISPOSED AND PRECIPITATION DATA

| DATE | DAY | RAIN DATA | 80-ACRE TOTAL SECONDARY PHASE 1, 1A, 2 & 3 | 80-ACRE TOTAL PRIMARY PHASE 1, 1A, 2 & 3 | 7 ACRE LEACHATE FLOW | SURFACE LEACHATE OR SPECIAL PROJECT | TOTAL LEACHATE GENERATED | HAULED LEACHATE (RAW) FOR DISPOSAL OFF SITE | FORCE MAIN LEACHATE (RAW) FOR DISPOSAL OFF SITE | TOTAL LEACHATE DISPOSAL | BALANCE |
|--------------|-----|-------------|--|--|----------------------|-------------------------------------|--------------------------|---|---|-------------------------|--------------|
| 12/1/15 | Tue | 0.00 | 308 | 8963 | 439 | 0 | 9710 | 0 | 7000 | 7000 | |
| 12/2/15 | Wed | 0.00 | 55 | 8977 | 324 | 0 | 9356 | 0 | 19000 | 19000 | |
| 12/3/15 | Thu | 0.00 | 484 | 13625 | 448 | 0 | 14557 | 0 | 11000 | 11000 | |
| 12/4/15 | Fri | 0.00 | 307 | 6527 | 319 | 0 | 7153 | 0 | 10000 | 10000 | |
| 12/5/15 | Sat | 0.00 | 389 | 7695 | 0 | 0 | 8084 | 0 | 10000 | 10000 | |
| 12/6/15 | Sun | 0.00 | 454 | 9399 | 758 | 0 | 10611 | 0 | 11000 | 11000 | |
| 12/7/15 | Mon | 0.00 | 328 | 8383 | 0 | 0 | 8711 | 0 | 0 | 0 | |
| 12/8/15 | Tue | 0.00 | 511 | 10573 | 762 | 0 | 11846 | 0 | 0 | 0 | |
| 12/9/15 | Wed | 0.00 | 593 | 9946 | 0 | 0 | 10539 | 0 | 8000 | 8000 | |
| 12/10/15 | Thu | 0.00 | 537 | 10629 | 728 | 0 | 11894 | 0 | 9000 | 9000 | |
| 12/11/15 | Fri | 0.00 | 253 | 6584 | 0 | 0 | 6837 | 0 | 4000 | 4000 | |
| 12/12/15 | Sat | 0.00 | 405 | 8148 | 724 | 0 | 9277 | 0 | 1000 | 1000 | |
| 12/13/15 | Sun | 0.00 | 43 | 9103 | 0 | 0 | 9146 | 0 | 8000 | 8000 | |
| 12/14/15 | Mon | 0.00 | 29 | 11121 | 737 | 0 | 11887 | 0 | 6000 | 6000 | |
| 12/15/15 | Tue | 0.00 | 370 | 8320 | 0 | 0 | 8690 | 0 | 7000 | 7000 | |
| 12/16/15 | Wed | 0.00 | 380 | 8824 | 325 | 0 | 9529 | 0 | 9000 | 9000 | |
| 12/17/15 | Thu | 1.90 | 439 | 25753 | 400 | 0 | 26592 | 0 | 13000 | 13000 | |
| 12/18/15 | Fri | 0.00 | 619 | 15417 | 319 | 0 | 16355 | 0 | 22000 | 22000 | |
| 12/19/15 | Sat | 0.00 | 343 | 24697 | 429 | 0 | 25469 | 0 | 11000 | 11000 | |
| 12/20/15 | Sun | 0.00 | 482 | 11149 | 324 | 0 | 11955 | 0 | 11000 | 11000 | |
| 12/21/15 | Mon | 0.00 | 291 | 16606 | 449 | 0 | 17346 | 0 | 13000 | 13000 | |
| 12/22/15 | Tue | 0.00 | 62 | 11730 | 322 | 0 | 12114 | 0 | 10000 | 10000 | |
| 12/23/15 | Wed | 0.00 | 277 | 10313 | 403 | 0 | 10993 | 0 | 9000 | 9000 | |
| 12/24/15 | Thu | 0.00 | 45 | 9782 | 326 | 0 | 10153 | 0 | 9000 | 9000 | |
| 12/25/15 | Fri | 0.00 | 275 | 8901 | 0 | 0 | 9176 | 0 | 7000 | 7000 | |
| 12/26/15 | Sat | 0.00 | 258 | 10702 | 765 | 0 | 11725 | 0 | 9000 | 9000 | |
| 12/27/15 | Sun | 0.00 | 74 | 8363 | 0 | 0 | 8437 | 0 | 10000 | 10000 | |
| 12/28/15 | Mon | 0.00 | 284 | 5100 | 724 | 0 | 6108 | 0 | 8000 | 8000 | |
| 12/29/15 | Tue | 0.00 | 44 | 8315 | 0 | 0 | 8359 | 0 | 5000 | 5000 | |
| 12/30/15 | Wed | 0.00 | 272 | 7939 | 0 | 0 | 8211 | 0 | 8000 | 8000 | |
| 12/31/15 | Thu | 0.00 | 45 | 10142 | 728 | 0 | 10915 | 0 | 7000 | 7000 | |
| TOTAL | | 1.90 | 9256 | 331726 | 10753 | 0 | 351735 | 0 | 272000 | 272000 | 79735 |

PHASE 1, 1A, 2 & 3 TOTAL ACRES 32.6 - 7.7 OPEN, 24.9 INTERMEDIATE, 0.0 CLOSED