

## Johnson, Sabrina O

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**From:** Joshua L. Younce <Joshua.Younce@citrusbocc.com>  
**Sent:** Tuesday, January 5, 2021 10:48 AM  
**To:** Morgan, Steve; SWD\_Waste; Black, Alexis  
**Cc:** Henry C. Norris; Dan S. Sherlock  
**Subject:** 4th Quarter 2020 Leachate Report  
**Attachments:** 4th Quarter Leachate Report 2020.pdf

Dear Mr. Morgan:

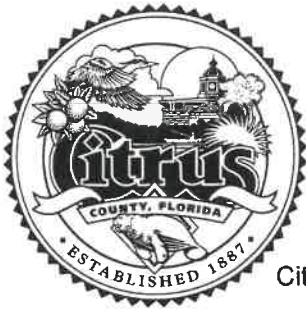
Attached you'll find the 4th Quarter 2020 Leachate Generation and Daily Precipitation Report for the Citrus County Central Landfill.

Should you have any questions regarding this matter, please do not hesitate to contact me.

Best Regards,

*Joshua Younce*

Compliance Manager  
Citrus County Solid Waste Management Division  
230 W. Gulf to Lake Hwy.  
Lecanto, FL. 34461  
Office: (352) 527-7679  
[Joshua.Younce@citrusbocc.com](mailto:Joshua.Younce@citrusbocc.com)



**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  
email: landfillinfo@citrusbocc.com  
TDD Telephone: (352) 527-5303  
Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

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January 5, 2021

Mr. Steve Morgan  
Air & Solid Waste Permitting Manager  
Department of Environmental Protection  
Solid Waste Section  
13051 N Telecom Pkwy  
Temple Terrace, FL 33637-0926

Re: **Citrus County Central Landfill - Permit No. 21375-025-SO-01/026-SO-MM**  
**2020 4<sup>th</sup> Quarter Leachate Generation and Daily Precipitation Report**  
**WACS I.D. # 39859**

Dear Mr. Morgan:

In compliance with Specific Condition K.8.b, of the above referenced permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the 4th quarter of 2020.

There were no exceedances during the reporting period.

On 10/29/2020, the meter for the Phase 2 Primary pump (80-1(P)) was repaired as it was producing positive and negative flow numbers without a pump present in the pipe.

A new employee dedicated to oversee and perform maintenance on the LCCS (Leachate Control & Collection System) started on 1/4/2021. The SCADA System was recently upgraded with new equipment and software in late November to add a redundancy to the LCCS. Clarification on the Transducer elevation points was submitted to FDEP on 12/28/2020 and we are currently awaiting approval of the suggested set points. New grounding for the electrical panels was installed in November. New check valves were purchased and installed in Phase 2 in late July.

On 01/02/2021, The Citrus County Fire Department responded to a fire in the Northeast portion of Phase 3. Approximately 50,000 gallons of water was used to extinguish and contain the fire. It is apparent that no damage to the cell's liners occurred, nor did any damage occur to the operational systems for gas and leachate collection systems, or storm water conveyance system however we do expect flow numbers to be increased over the next several weeks as it migrates down into the cell.

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

Sincerely,

Henry C. Norris Jr.  
Solid Waste Management Director

Enclosures (3)

**CITRUS COUNTY CENTRAL LANDFILL**

| DATE     | DAY | RAIN IN INCHES | PHASE 1 AND 1A    |                   |                           | PHASE 2                   |                   |                           | PHASE 3           |                             |                   | 7 ACRE                    |                   |                             | TOTAL              |                       | Force Main Flow           |                           |                     |       |      |        |
|----------|-----|----------------|-------------------|-------------------|---------------------------|---------------------------|-------------------|---------------------------|-------------------|-----------------------------|-------------------|---------------------------|-------------------|-----------------------------|--------------------|-----------------------|---------------------------|---------------------------|---------------------|-------|------|--------|
|          |     |                | 80-1 (S) LS METER | 80-2 (P) LS METER | Primary 80-2 (P) FLOW GAL | Primary 80-1 (P) FLOW GAL | 80-2 (P) LS METER | Primary 80-2 (P) FLOW GAL | 80-3 (S) LS METER | Secondary 80-3 (S) FLOW GAL | 80 (P-1) LS METER | Primary 80 (P-1) FLOW GAL | 80 (P-2) LS METER | Secondary 80 (P-2) FLOW GAL | LIFT STATION # (P) | LIFT STATION FLOW GAL | 2, 3, MASTER LIFT STATION | LEACHATE FORCE MAIN METER | FORCE MAIN FLOW GAL |       |      |        |
| 10/01/20 | Thu | 0.00           | 93450             | 132               | 7669894                   | 14908                     | 1208737           | -17857                    | 11108676          | 3205                        | 107926            | 107926                    | 164               | 34894523                    | 5480               | 1377543               | 0                         | 4137397                   | 360                 | 6228  | 7982 | 29000  |
| 10/02/20 | Fri | 0.00           | 93582             | 145               | 7684802                   | 0                         | 1190880           | -2373                     | 1111881           | 2893                        | 107926            | 107926                    | 164               | 34900553                    | 5550               | 1377543               | 208                       | 4137757                   | 0                   | 6587  | 8011 | 5000   |
| 10/03/20 | Sat | 0.00           | 93727             | 126               | 7684802                   | 0                         | 1188507           | -611                      | 1114778           | 2606                        | 108090            | 108090                    | 0                 | 34905553                    | 5121               | 1377751               | 105                       | 4137757                   | 0                   | 7347  | 8016 | 10000  |
| 10/04/20 | Sun | 0.30           | 93653             | 125               | 7684802                   | 0                         | 1187896           | -612                      | 1117380           | 2606                        | 108090            | 108090                    | 0                 | 34910674                    | 5120               | 1377856               | 104                       | 4137757                   | 0                   | 7343  | 8026 | 10000  |
| 10/05/20 | Mon | 0.00           | 93978             | 86                | 7684802                   | 0                         | 1187284           | -1842                     | 1119986           | 2764                        | 108090            | 108090                    | 0                 | 34915794                    | 5953               | 1379960               | 212                       | 4137757                   | 0                   | 7173  | 8036 | 12000  |
| 10/06/20 | Tue | 0.20           | 94064             | 53                | 7684802                   | 0                         | 1185442           | 1656                      | 1122750           | 3318                        | 108090            | 108090                    | 0                 | 34921747                    | 5564               | 1378172               | 207                       | 4137757                   | 0                   | 10591 | 8048 | 4000   |
| 10/07/20 | Wed | 0.00           | 94117             | 56                | 7684802                   | 0                         | 1187098           | -2338                     | 11126068          | 2277                        | 108090            | 108090                    | 19                | 34927311                    | 5796               | 1378172               | 207                       | 4137757                   | 0                   | 6017  | 8052 | 9000   |
| 10/08/20 | Thu | 0.00           | 94173             | 55                | 7684802                   | 13634                     | 1184760           | 1872                      | 11128345          | 2751                        | 108109            | 108109                    | 0                 | 34933107                    | 5596               | 1378379               | 0                         | 4137757                   | 0                   | 23908 | 8061 | 29000  |
| 10/09/20 | Fri | 0.00           | 94228             | 75                | 7698436                   | 0                         | 1186632           | 1229                      | 11131096          | 2854                        | 108109            | 108109                    | 0                 | 34938703                    | 5065               | 1378379               | 215                       | 4137757                   | 359                 | 8084  | 8090 | 10000  |
| 10/10/20 | Sat | 0.00           | 94303             | 81                | 7698436                   | 9                         | 1187861           | 1721                      | 11133950          | 2890                        | 108109            | 108109                    | 0                 | 34942055                    | 5065               | 1378594               | 106                       | 4138116                   | 0                   | 9872  | 8100 | 8000   |
| 10/11/20 | Sun | 0.60           | 94384             | 80                | 7698445                   | 8                         | 1189582           | 1721                      | 1136840           | 2889                        | 108109            | 108109                    | 0                 | 34947120                    | 5065               | 1378700               | 105                       | 4138116                   | 0                   | 9868  | 8108 | 7000   |
| 10/12/20 | Mon | 0.00           | 94464             | 104               | 7698453                   | 0                         | 1191303           | 1204                      | 11139729          | 2381                        | 108109            | 108109                    | 0                 | 34952185                    | 5967               | 1378805               | 0                         | 4138116                   | 359                 | 10015 | 8115 | 9000   |
| 10/13/20 | Tue | 0.10           | 94568             | 90                | 7698453                   | 0                         | 1192507           | 1245                      | 1142110           | 2388                        | 108109            | 108109                    | 0                 | 34958152                    | 4970               | 1378805               | 212                       | 4138475                   | 440                 | 9345  | 8124 | 10000  |
| 10/14/20 | Wed | 0.00           | 94658             | 70                | 7698453                   | 13920                     | 1193752           | 1103                      | 1144498           | 2215                        | 108109            | 108109                    | 0                 | 34963122                    | 4692               | 1379017               | 0                         | 4138915                   | 0                   | 22000 | 8134 | 29000  |
| 10/15/20 | Thu | 0.00           | 94728             | 88                | 7712373                   | 0                         | 1194855           | 482                       | 1146713           | 2217                        | 108109            | 108109                    | 0                 | 34967814                    | 4709               | 1379017               | 216                       | 4138915                   | 348                 | 8040  | 8163 | 6000   |
| 10/16/20 | Fri | 0.00           | 94816             | 96                | 7712373                   | 0                         | 1195317           | 380                       | 1148930           | 2667                        | 108109            | 108109                    | 0                 | 34972523                    | 4842               | 1379233               | 0                         | 4139263                   | 0                   | 7975  | 8169 | 5000   |
| 10/17/20 | Sat | 0.00           | 94912             | 101               | 7712373                   | 0                         | 1195697           | 280                       | 1151587           | 2432                        | 108109            | 108109                    | 0                 | 34977365                    | 4854               | 1379233               | 106                       | 4139263                   | 181                 | 7954  | 8174 | 8000   |
| 10/18/20 | Sun | 0.00           | 95013             | 101               | 7712373                   | 0                         | 1195977           | 279                       | 1154019           | 2431                        | 108109            | 108109                    | 0                 | 34982219                    | 4854               | 1379339               | 105                       | 4139444                   | 180                 | 7950  | 8182 | 7000   |
| 10/19/20 | Mon | 0.10           | 95114             | 81                | 7712373                   | 128                       | 1196256           | 986                       | 1156450           | 2208                        | 108109            | 108109                    | 0                 | 34987073                    | 4319               | 1379444               | 0                         | 4139624                   | 438                 | 8160  | 8189 | 10000  |
| 10/20/20 | Tue | 0.00           | 95195             | 72                | 7712501                   | 4678                      | 1197242           | -327                      | 1158658           | 2600                        | 108109            | 108109                    | 0                 | 34991392                    | 4697               | 1379444               | 207                       | 4140062                   | 354                 | 12281 | 8199 | 15000  |
| 10/21/20 | Wed | 0.20           | 95267             | 104               | 7711719                   | 2550                      | 1196915           | -486                      | 1161258           | 2511                        | 108109            | 108109                    | 0                 | 34996089                    | 4748               | 1379651               | 0                         | 4140416                   | 0                   | 9427  | 8214 | 12000  |
| 10/22/20 | Thu | 0.00           | 95371             | 90                | 7719729                   | 2364                      | 1196429           | 419                       | 1163769           | 2317                        | 108109            | 108109                    | 0                 | 35000837                    | 4519               | 1379651               | 206                       | 4140416                   | 344                 | 10259 | 8226 | 12000  |
| 10/23/20 | Fri | 0.00           | 95461             | 92                | 7722093                   | 2372                      | 1196948           | -21                       | 1166086           | 2627                        | 108109            | 108109                    | 0                 | 35005356                    | 4691               | 1379857               | 204                       | 4140760                   | 0                   | 9965  | 8238 | 12000  |
| 10/24/20 | Sat | 0.00           | 95553             | 75                | 7724465                   | 1751                      | 1196827           | 1157                      | 1168713           | 2433                        | 108109            | 108109                    | 0                 | 35010047                    | 5179               | 1380061               | 108                       | 4140760                   | 392                 | 11095 | 8250 | 10000  |
| 10/25/20 | Sun | 0.00           | 95628             | 74                | 7726216                   | 1750                      | 1197984           | 1157                      | 1171146           | 2433                        | 108109            | 108109                    | 0                 | 35015226                    | 5178               | 1380169               | 108                       | 4141152                   | 392                 | 11092 | 8260 | 10000  |
| 10/26/20 | Mon | 0.00           | 95702             | 58                | 7727966                   | 1072                      | 1199141           | 614                       | 1173579           | 2302                        | 108109            | 108109                    | 0                 | 35020404                    | 4055               | 1380277               | 0                         | 4141544                   | 0                   | 8101  | 8270 | 1000   |
| 10/27/20 | Tue | 0.00           | 95760             | 55                | 7729038                   | 1337                      | 1199755           | 499                       | 1175881           | 2265                        | 108109            | 108109                    | 0                 | 35024459                    | 4931               | 1380277               | 208                       | 4141544                   | 0                   | 9295  | 8271 | 16000  |
| 10/28/20 | Wed | 0.00           | 95815             | 50                | 7730375                   | 1416                      | 1200254           | -108                      | 1178146           | 2680                        | 108109            | 108109                    | 0                 | 35029390                    | 4081               | 1380485               | 0                         | 4141544                   | 354                 | 8473  | 8287 | 13000  |
| 10/29/20 | Thu | 0.00           | 95865             | 82                | 7731791                   | 2                         | 1200146           | 1                         | 1180826           | 2199                        | 108109            | 108109                    | 0                 | 35033471                    | 5352               | 1380485               | 206                       | 4141898                   | 0                   | 7842  | 8300 | 5000   |
| 10/30/20 | Fri | 0.00           | 95947             | 160               | 7731793                   | 2042                      | 1200147           | 0                         | 1183025           | 2348                        | 108109            | 108109                    | 0                 | 35038823                    | 4443               | 1380691               | 0                         | 4141898                   | 794                 | 9787  | 8305 | 11000  |
| 10/31/20 | Sat | 0.00           | 96107             | 118               | 7733835                   | 2041                      | 1200147           | 0                         | 1185373           | 2322                        | 108109            | 108109                    | 3                 | 35043266                    | 3875               | 1380691               | 103                       | 4142692                   | 0                   | 8462  | 8316 | 11000  |
| 11/01/20 | Sun |                | 96225             |                   | 7735876                   |                           | 1200147           |                           | 11187695          |                             | 108112            |                           |                   | 35047141                    |                    | 1380794               |                           | 4142692                   |                     | 8327  |      |        |
| TOTAL    |     | 1.50           |                   | 2775              |                           | 65982                     |                   | -8590                     |                   | 79019                       |                   | 186                       |                   | 152618                      |                    | 3251                  |                           | 5295                      |                     |       |      | 345000 |

Leakage Action Rates:  
Phase 1/1A - 830 gpd  
Phase 2 - 600 gpd  
Phase 3 - 680 gpd  
Total 1,719

Start Leachate in Storage **105,750** GALLONS

End Leachate in Storage **107,865** GALLONS





**CITRUS COUNTY CENTRAL LANDFILL**

| DATE     | DAY | RAIN IN INCHES | PHASE 1 AND 1A    |                             |                   | PHASE 2                   |                   |                           | PHASE 3           |                           |                   | 7 ACRE                      |                   |                           | TOTAL             |                             | Force Main Flow           |                       |                                  |                           |                     |
|----------|-----|----------------|-------------------|-----------------------------|-------------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|-------------------|-----------------------------|-------------------|---------------------------|-------------------|-----------------------------|---------------------------|-----------------------|----------------------------------|---------------------------|---------------------|
|          |     |                | 80-1 (S) LS METER | Secondary 80-1 (S) FLOW GAL | 80-2 (P) LS METER | Primary 80-2 (P) FLOW GAL | 80-1 (P) LS METER | Primary 80-2 (P) FLOW GAL | 80-2 (P) LS METER | Primary 80-2 (P) FLOW GAL | 80-3 (S) LS METER | Secondary 80-3 (S) FLOW GAL | 80 (P-1) LS METER | Primary 80 (P-1) FLOW GAL | 80 (P-2) LS METER | Secondary 80 (P-2) FLOW GAL | LIFT STATION #5 (P) METER | LIFT STATION FLOW GAL | LIFT STATION MASTER LIFT STATION | LEACHATE FORCE MAIN METER | FORCE MAIN FLOW GAL |
| 11/01/20 | Sun | 0.70           | 96225             | 117                         | 7735876           | 2040                      | 1200147           | 0                         | 11187695          | 2321                      | 108112            | 3                           | 35047141          | 3874                      | 1380794           | 102                         | 4142692                   | 0                     | 8457                             | 8327                      | 10000               |
| 11/02/20 | Mon | 0.00           | 98342             | 183                         | 7737916           | 2368                      | 1200147           | 0                         | 11190016          | 1977                      | 108115            | 0                           | 35051015          | 4907                      | 1380896           | 0                           | 4142692                   | 347                   | 9782                             | 8337                      | 4000                |
| 11/03/20 | Tue | 0.00           | 96525             | 139                         | 7740284           | 3378                      | 1200147           | 0                         | 11191993          | 2321                      | 108115            | 0                           | 35055922          | 4001                      | 1380896           | 205                         | 4143039                   | 0                     | 10042                            | 8341                      | 14000               |
| 11/04/20 | Wed | 0.00           | 96664             | 131                         | 7743660           | 2940                      | 1200147           | 0                         | 11194314          | 2207                      | 108115            | 0                           | 35059923          | 3798                      | 1381101           | 0                           | 4143039                   | 355                   | 9431                             | 8355                      | 5000                |
| 11/05/20 | Thu | 0.00           | 96795             | 128                         | 7746600           | 2891                      | 1200147           | 0                         | 11196521          | 2976                      | 108115            | 0                           | 35063372          | 4512                      | 1381101           | 210                         | 4143394                   | 0                     | 10717                            | 8360                      | 17000               |
| 11/06/20 | Fri | 0.00           | 96923             | 96                          | 7749491           | 3073                      | 1200147           | 0                         | 11199497          | 2139                      | 108115            | 0                           | 35068233          | 4338                      | 1381311           | 0                           | 4143394                   | 439                   | 10085                            | 8377                      | 12000               |
| 11/07/20 | Sat | 0.00           | 97019             | 94                          | 7752564           | 3115                      | 1200147           | 0                         | 11201636          | 2588                      | 108115            | 0                           | 35072571          | 4361                      | 1381311           | 103                         | 4143833                   | 509                   | 10770                            | 8389                      | 11000               |
| 11/08/20 | Sun | 0.10           | 97113             | 93                          | 7755679           | 3115                      | 1200147           | 0                         | 11204224          | 2588                      | 108115            | 0                           | 35076932          | 4360                      | 1381414           | 103                         | 4144342                   | 508                   | 10767                            | 8400                      | 11000               |
| 11/09/20 | Mon | 0.70           | 97206             | 99                          | 7758794           | 940                       | 1200147           | 0                         | 11206812          | 2610                      | 108115            | 0                           | 35081292          | 4246                      | 1381517           | 203                         | 4144850                   | -314                  | 7784                             | 8411                      | 13000               |
| 11/10/20 | Tue | 0.00           | 97305             | 93                          | 7759734           | 1584                      | 1200147           | 0                         | 11209422          | 2656                      | 108115            | 0                           | 35085538          | 4994                      | 1381720           | 0                           | 4144536                   | 385                   | 9712                             | 8424                      | 0                   |
| 11/11/20 | Wed | 1.90           | 97398             | 92                          | 7761318           | 1583                      | 1200147           | 0                         | 11212078          | 2655                      | 108115            | 0                           | 35090532          | 4993                      | 1381720           | 0                           | 4144921                   | 385                   | 9708                             | 8424                      | 0                   |
| 11/12/20 | Thu | 0.20           | 97490             | 115                         | 7762901           | 5                         | 1200147           | 0                         | 11214733          | 1766                      | 108115            | 0                           | 35095525          | 3861                      | 1381720           | 202                         | 4145306                   | 0                     | 5949                             | 8424                      | 31000               |
| 11/13/20 | Fri | 0.00           | 97605             | 130                         | 7762906           | 1424                      | 1200147           | 0                         | 11216499          | 2148                      | 108115            | 0                           | 35099386          | 3706                      | 1381922           | 0                           | 4145306                   | 221                   | 7627                             | 8455                      | 10000               |
| 11/14/20 | Sat | 0.00           | 97735             | 107                         | 7764330           | 1382                      | 1200147           | 0                         | 11218645          | 2399                      | 108115            | 0                           | 35103092          | 4214                      | 1381922           | 107                         | 4145527                   | 170                   | 8379                             | 8465                      | 9000                |
| 11/15/20 | Sun | 0.00           | 97842             | 106                         | 7765712           | 1381                      | 1200147           | 0                         | 11221044          | 2399                      | 108115            | 0                           | 35107306          | 4214                      | 1382029           | 106                         | 4145697                   | 169                   | 8375                             | 8474                      | 8000                |
| 11/16/20 | Mon | 0.00           | 97948             | 148                         | 7767093           | 1620                      | 1200147           | 0                         | 11223443          | 2128                      | 108115            | 0                           | 35111520          | 4060                      | 1382135           | 0                           | 4145866                   | 0                     | 7956                             | 8482                      | 9000                |
| 11/17/20 | Tue | 0.00           | 98096             | 138                         | 7768713           | 1712                      | 1200147           | 0                         | 11225571          | 2279                      | 108115            | 0                           | 35115580          | 4377                      | 1382135           | 195                         | 4145866                   | 441                   | 9142                             | 8491                      | 7000                |
| 11/18/20 | Wed | 0.00           | 98234             | 158                         | 7770425           | 1703                      | 1200147           | 0                         | 11227850          | 1843                      | 108115            | 0                           | 35119957          | 4275                      | 1382330           | 0                           | 4146307                   | 340                   | 8319                             | 8498                      | 10000               |
| 11/19/20 | Thu | 0.00           | 98392             | 169                         | 7772128           | 2980                      | 1200147           | 0                         | 11229693          | 3116                      | 108115            | 0                           | 35124232          | 5404                      | 1382330           | 199                         | 4146647                   | 0                     | 11868                            | 8508                      | 12000               |
| 11/20/20 | Fri | 0.00           | 98561             | 116                         | 7775108           | 3031                      | 1200147           | 0                         | 11232809          | 1714                      | 108115            | 0                           | 35129636          | 3612                      | 1382529           | 0                           | 4146647                   | 309                   | 8782                             | 8520                      | 12000               |
| 11/21/20 | Sat | 0.00           | 98677             | 142                         | 7778139           | 2648                      | 1200147           | 0                         | 11234523          | 2661                      | 108115            | 0                           | 35133248          | 7173                      | 1382529           | 105                         | 4146956                   | 0                     | 12729                            | 8532                      | 6000                |
| 11/22/20 | Sun | 0.00           | 98819             | 142                         | 7780787           | 2648                      | 1200147           | 0                         | 11237184          | 2661                      | 108115            | 0                           | 35140421          | 7173                      | 1382634           | 104                         | 4146956                   | 0                     | 12728                            | 8538                      | 6000                |
| 11/23/20 | Mon | 0.00           | 98961             | 130                         | 7783435           | 1428                      | 1200147           | 0                         | 11239945          | 2224                      | 108115            | 0                           | 35147594          | 2888                      | 1382738           | 215                         | 4146956                   | 785                   | 7670                             | 8544                      | 5000                |
| 11/24/20 | Tue | 0.00           | 99091             | 147                         | 7784863           | 2914                      | 1200147           | 0                         | 11242069          | 2638                      | 108115            | 0                           | 35150482          | 4078                      | 1382953           | 0                           | 4147741                   | 0                     | 9777                             | 8549                      | 9000                |
| 11/25/20 | Wed | 0.00           | 99238             | 125                         | 7787777           | 2216                      | 1200147           | 0                         | 11244707          | 2405                      | 108115            | 0                           | 35154560          | 4681                      | 1382953           | 104                         | 4147741                   | 181                   | 9712                             | 8558                      | 15000               |
| 11/26/20 | Thu | 0.00           | 99363             | 124                         | 7789993           | 2216                      | 1200147           | 0                         | 11247112          | 2404                      | 108115            | 0                           | 35159241          | 4681                      | 1383057           | 104                         | 4147922                   | 180                   | 9709                             | 8573                      | 15000               |
| 11/27/20 | Fri | 0.00           | 99487             | 102                         | 7792209           | 0                         | 1200147           | 0                         | 11249516          | 2129                      | 108115            | 0                           | 35163922          | 4457                      | 1383161           | 0                           | 4148102                   | 0                     | 6688                             | 8588                      | 15000               |
| 11/28/20 | Sat | 0.00           | 99589             | 108                         | 7792209           | 0                         | 1200147           | 0                         | 11251645          | 2567                      | 108115            | 0                           | 35168379          | 4736                      | 1383161           | 101                         | 4148102                   | 0                     | 7512                             | 8603                      | 8000                |
| 11/29/20 | Sun | 0.00           | 99697             | 108                         | 7792209           | 0                         | 1200147           | 0                         | 11254212          | 2566                      | 108115            | 0                           | 35173115          | 4735                      | 1383262           | 101                         | 4148102                   | 563                   | 8073                             | 8611                      | 8000                |
| 11/30/20 | Mon | 0.00           | 99805             | 178                         | 7792209           | 4800                      | 1200147           | 0                         | 11256778          | 1800                      | 108115            | 0                           | 35177850          | 4103                      | 1383363           | 211                         | 4148665                   | 562                   | 11654                            | 8619                      | 0                   |
| 12/01/20 | Tue | 3.60           | 99983             | 3758                        | 7797009           | 61133                     | 1200147           | 0                         | 11258578          | 70883                     | 108115            | 3                           | 35181953          | 134812                    | 1383574           | 2780                        | 4149227                   | 6535                  | 11654                            | 8619                      | 292000              |

Leakage Action Rates:  
Phase 1/1A - 930 gpd  
Phase 2 - 600 gpd  
Phase 3 - 680 gpd  
Total 1,719

Start Leachate in Storage

End Leachate in Storage

107,865  
GALLONS

99,405  
GALLONS

REVIEWED BY  
HENRY

**CITRUS COUNTY CENTRAL LANDFILL**

| DATE         | DAY | RAIN IN INCHES | PHASE 1 AND 1A    |                   |                   | PHASE 2           |                           |                   | PHASE 3           |                           |                   | 7 ACRE            |                             | TOTAL         | Force Main Flow           |                       |                           |                           |                     |             |               |
|--------------|-----|----------------|-------------------|-------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|-----------------------------|---------------|---------------------------|-----------------------|---------------------------|---------------------------|---------------------|-------------|---------------|
|              |     |                | 80-1 (S) LS METER | 80-1 (S) FLOW GAL | 80-2 (P) LS METER | 80-2 (P) FLOW GAL | Primary 80-1 (P) FLOW GAL | 80-2 (P) LS METER | 80-2 (P) FLOW GAL | Primary 80 (P-1) FLOW GAL | 80 (P-2) LS METER | 80 (P-2) FLOW GAL | Secondary 80 (P-2) FLOW GAL |               | LIFT STATION #5 (P) METER | LIFT STATION FLOW GAL | 2, 3, MASTER LIFT STATION | LEACHATE FORCE MAIN METER | FORCE MAIN FLOW GAL |             |               |
| 12/01/20     | Tue | 0.00           | 99983             | 195               | 7797009           | 1413              | 1200147                   | 0                 | 11258578          | 2049                      | 108115            | 0                 | 35181953                    | 4077          | 1383574                   | 0                     | 4149227                   | 0                         | 7734                | 8619        | 22000         |
| 12/02/20     | Wed | 0.00           | 100178            | 183               | 7798422           | 3824              | 1200147                   | 0                 | 11260627          | 2393                      | 108115            | 0                 | 35186030                    | 4039          | 1383574                   | 206                   | 4149227                   | 0                         | 10645               | 8641        | 10000         |
| 12/03/20     | Thu | 0.00           | 100361            | 164               | 7802246           | 3138              | 1200147                   | 0                 | 11263020          | 2932                      | 108115            | 0                 | 35190089                    | 5122          | 1383780                   | 0                     | 4149227                   | 0                         | 11104               | 8651        | 10000         |
| 12/04/20     | Fri | 0.30           | 100525            | 151               | 7805384           | 4422              | 1200147                   | 0                 | 11265352          | 2502                      | 108115            | 0                 | 35195191                    | 4360          | 1383780                   | 205                   | 4149575                   | 0                         | 11640               | 8661        | 16000         |
| 12/05/20     | Sat | 0.00           | 100676            | 173               | 7809806           | 2535              | 1200147                   | 0                 | 11267854          | 2277                      | 108115            | 0                 | 35199551                    | 4794          | 1383985                   | 0                     | 4149575                   | 394                       | 10173               | 8677        | 12000         |
| 12/06/20     | Sun | 0.50           | 100849            | 172               | 7812341           | 2534              | 1200147                   | 0                 | 11270131          | 2277                      | 108115            | 0                 | 35204345                    | 4793          | 1383985                   | 0                     | 4149969                   | 394                       | 10170               | 8689        | 11000         |
| 12/07/20     | Mon | 0.00           | 101021            | 185               | 7814875           | 1292              | 1200147                   | 0                 | 11272408          | 2139                      | 108115            | 0                 | 35209138                    | 4481          | 1383985                   | 208                   | 4150363                   | 0                         | 8305                | 8700        | 2000          |
| 12/08/20     | Tue | 0.00           | 101206            | 192               | 7816167           | 8                 | 1200147                   | 0                 | 11274547          | 2438                      | 108115            | 0                 | 35213619                    | 3892          | 1384193                   | 0                     | 4150363                   | 347                       | 6877                | 8702        | 13000         |
| 12/09/20     | Wed | 0.00           | 101398            | 166               | 7816175           | 1139              | 1200147                   | 0                 | 11276985          | 1869                      | 108115            | 0                 | 35217511                    | 4148          | 1384193                   | 209                   | 4150710                   | 0                         | 7521                | 8715        | 11000         |
| 12/10/20     | Thu | 0.00           | 101554            | 142               | 7817314           | 468               | 1200147                   | 0                 | 11278854          | 2335                      | 108115            | 0                 | 35221659                    | 4724          | 1384402                   | 0                     | 4150710                   | 0                         | 7689                | 8726        | 9000          |
| 12/11/20     | Fri | 0.00           | 101696            | 135               | 7817782           | 1362              | 1200147                   | 0                 | 11281189          | 2355                      | 108115            | 0                 | 35226383                    | 4166          | 1384402                   | 209                   | 4150710                   | 783                       | 9008                | 8736        | 11000         |
| 12/12/20     | Sat | 0.00           | 101831            | 147               | 7819144           | 1084              | 1200147                   | 1                 | 11283542          | 2255                      | 108115            | 0                 | 35230549                    | 4593          | 1384611                   | 0                     | 4151493                   | 175                       | 8255                | 8746        | 10000         |
| 12/13/20     | Sun | 0.00           | 101978            | 147               | 7820228           | 1084              | 1200148                   | 0                 | 11285797          | 2255                      | 108115            | 0                 | 35235142                    | 4592          | 1384611                   | 0                     | 4151668                   | 175                       | 8253                | 8756        | 10000         |
| 12/14/20     | Mon | 0.00           | 102125            | 148               | 7821312           | 2410              | 1200148                   | 0                 | 11288052          | 2701                      | 108115            | 0                 | 35239734                    | 5144          | 1384611                   | 198                   | 4151843                   | 4                         | 10605               | 8766        | 12000         |
| 12/15/20     | Tue | 0.00           | 102273            | 144               | 7823722           | 1296              | 1200148                   | 0                 | 11290753          | 2185                      | 108115            | 0                 | 35244878                    | 4018          | 1384809                   | 0                     | 4151847                   | 0                         | 7643                | 8778        | 11000         |
| 12/16/20     | Wed | 0.00           | 102417            | 182               | 7825018           | 1268              | 1200148                   | 0                 | 11292938          | 1725                      | 108115            | 0                 | 35248896                    | 4530          | 1384809                   | 201                   | 4151847                   | 794                       | 8700                | 8789        | 9000          |
| 12/17/20     | Thu | 0.00           | 102599            | 231               | 7826286           | 31                | 1200148                   | 0                 | 11294663          | 2576                      | 108115            | 0                 | 35253426                    | 4350          | 1385010                   | 0                     | 4152641                   | 0                         | 7188                | 8798        | 8000          |
| 12/18/20     | Fri | 0.00           | 102830            | 162               | 7826317           | 2484              | 1200148                   | 0                 | 11297239          | 1394                      | 108115            | 0                 | 35257776                    | 3711          | 1385010                   | 216                   | 4152641                   | 339                       | 8306                | 8806        | 8000          |
| 12/19/20     | Sat | 0.00           | 102992            | 184               | 7828801           | 2722              | 1200148                   | 0                 | 11298633          | 2634                      | 108115            | 0                 | 35261487                    | 4813          | 1385226                   | 103                   | 4152980                   | 0                         | 10456               | 8814        | 12000         |
| 12/20/20     | Sun | 0.25           | 103176            | 183               | 7831523           | 2722              | 1200148                   | 0                 | 11301267          | 2634                      | 108115            | 0                 | 35266300                    | 4812          | 1385329                   | 103                   | 4152980                   | 0                         | 10454               | 8826        | 11000         |
| 12/21/20     | Mon | 0.00           | 103359            | 146               | 7834245           | 7                 | 1200148                   | 0                 | 11303901          | 1402                      | 108115            | 0                 | 35271112                    | 3785          | 1385432                   | 0                     | 4152980                   | 344                       | 5684                | 8837        | 8000          |
| 12/22/20     | Tue | 0.00           | 103505            | 151               | 7834252           | 2624              | 1200148                   | 0                 | 11305303          | 1940                      | 108115            | 0                 | 35274897                    | 3779          | 1385432                   | 0                     | 4153324                   | 441                       | 8935                | 8845        | 9000          |
| 12/23/20     | Wed | 0.00           | 103656            | 146               | 7836876           | 2980              | 1200148                   | 0                 | 11307243          | 2660                      | 108115            | 0                 | 35278676                    | 4913          | 1385432                   | 207                   | 4153765                   | 335                       | 11241               | 8854        | 11000         |
| 12/24/20     | Thu | 0.00           | 103802            | 179               | 7839856           | 1226              | 1200148                   | 0                 | 11309903          | 2059                      | 108115            | 0                 | 35283589                    | 4519          | 1385639                   | 102                   | 4154100                   | 0                         | 8085                | 8865        | 10000         |
| 12/25/20     | Fri | 0.90           | 103981            | 179               | 7841082           | 1226              | 1200148                   | 0                 | 11311962          | 2058                      | 108115            | 0                 | 35288108                    | 4519          | 1385741                   | 101                   | 4154100                   | 0                         | 8083                | 8875        | 10000         |
| 12/26/20     | Sat | 0.00           | 104160            | 178               | 7842308           | 1135              | 1200148                   | 0                 | 11314020          | 2068                      | 108115            | 0                 | 35292627                    | 4482          | 1385842                   | 101                   | 4154100                   | 170                       | 8134                | 8885        | 10000         |
| 12/27/20     | Sun | 0.00           | 104338            | 177               | 7843443           | 1135              | 1200148                   | 0                 | 11316088          | 2067                      | 108115            | 0                 | 35297109                    | 4481          | 1385943                   | 101                   | 4154270                   | 170                       | 8131                | 8895        | 9000          |
| 12/28/20     | Mon | 0.00           | 104515            | 143               | 7844578           | 609               | 1200148                   | 0                 | 11318155          | 2493                      | 108115            | 0                 | 35301590                    | 5022          | 1386044                   | 0                     | 4154440                   | 781                       | 9048                | 8904        | 9000          |
| 12/29/20     | Tue | 0.00           | 104658            | 134               | 7845187           | 1013              | 1200148                   | 0                 | 11320648          | 1801                      | 108115            | 0                 | 35306612                    | 3718          | 1386044                   | 205                   | 4155221                   | 0                         | 6871                | 8913        | 11000         |
| 12/30/20     | Wed | 0.00           | 104792            | 111               | 7846200           | 1165              | 1200148                   | 0                 | 11322449          | 2180                      | 108115            | 0                 | 35310330                    | 4052          | 1386249                   | 0                     | 4155221                   | 0                         | 7508                | 8924        | 0             |
| 12/31/20     | Thu | 0.00           | 104903            | 109               | 7847365           | 600               | 1200148                   | 0                 | 11324629          | 2002455                   | 108115            | 0                 | 35314382                    | 5080          | 1386249                   | 106                   | 4155221                   | 174                       | 2008524             | 8924        | 0             |
| 01/01/21     | Fri |                | 105012            |                   | 7847965           |                   | 1200148                   |                   | 13327084          |                           | 108115            |                   | 35319462                    |               | 1386355                   |                       | 4155395                   |                           |                     | 8924        |               |
| <b>TOTAL</b> |     | <b>1.95</b>    |                   | <b>5029</b>       |                   | <b>50956</b>      | <b>1</b>                  |                   | <b>13327084</b>   | <b>2068506</b>            |                   | <b>0</b>          | <b>137509</b>               | <b>137509</b> | <b>2781</b>               |                       | <b>6168</b>               |                           |                     | <b>8924</b> | <b>305000</b> |

Leachate Action Rates:  
Phase 1/1A - 930 gpd  
Phase 2 - 600 gpd  
Phase 3 - 680 gpd  
Total 1,719

Start Leachate in Storage

End Leachate in Storage

99,405  
GALLONS

116,325  
GALLONS

