

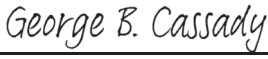




# Hillsborough County Florida

A Report Presented to the Board of County Commissioners  
 on February 7, 2023  
 from  
 Public Utilities Department Environmental Services Division  
 regarding  
 Resolution R18-129 2022 Annual Report for  
 Hillsborough County DRI#263 Clay Settling  
 Area Utilization for Hardee County Waste Clay  
 Disposal Analysis

Sign-Off Approvals	
 _____ Kevin Moran Department Director	01/10/2023 _____ Date
N/A - no financial impact _____ Management and Budget – Approved as to Financial Impact Accuracy	N/A _____ Date
 _____ Nancy Takemori County Attorney – Approved as to Legal Sufficiency	1/11/2023 _____ Date
 _____ George Cassady Assistant County Administrator	1/24/2023 _____ Date

- Consent Section – Informational purposes only. *(No discussion anticipated)*
- Consent Section – Board requested report. *(No discussion anticipated)*
- Staff Reports Section

**STAFF REPORT**  
**Resolution R18-129 2022 Annual Report for**  
**Hillsborough County DRI#263 Clay Settling Area**  
**Utilization for Hardee County Waste Clay Disposal**  
**Analysis**

**Background**

On July 10, 2018, Mosaic Fertilizer, L.L.C. (Mosaic) proposed and submitted an application to amend Hillsborough County Mines Development of Regional Impact DRI #263 Composite Development Order and Operating Permit to amend a Developer Commitment (ADA, 38A-11) set forth in Composite Attachment A, Section VI. MINING that would enable waste clays originating from other counties to be disposed in existing Hillsborough County Clay Settling Areas. On September 26, 2018, the Phosphate Mining Hearing Master reviewed the request for amendment and filed a recommendation with the Hillsborough Board of County Commissioners. On November 14, 2018, at the BOCC Land Use Meeting the BOCC approved amending the DRI #263 Composite Development Order and Operating Permit as resolved in Resolution R18-129, subject to the terms and conditions set forth therein.

Resolution R18-129 provides that certain designated clay settling areas within Hillsborough County (CSAs L-1, L-2, L-3, F-4, F-5 and F-7) may accept clays mined by Mosaic within Hardee County only, until such time as the clay settling areas are utilized to their full design storage capacity, and before November 14, 2023 unless expressly extended. The Resolution contains annual reporting requirements to monitor compliance with this condition. Condition B. of Resolution R18-129 provides: *Mosaic shall report to the County's Development Services Department the amount of clay from outside Hillsborough County deposited in Hillsborough County clay settling areas*, and Condition E. of Resolution R18-129 provides: *Mosaic shall provide to the appropriate representative of Hillsborough County's Development Services Department copies of any correspondence or any data relating to compliance with FDEP's PMFP (Phosphate Management Facility Permit)*. Condition E. continues: *This data shall be summarized and reviewed by a hydrologist on behalf of Hillsborough County and provided in an annual report to the Hillsborough County Board of County Commissioners*. This report is for 2022, the fourth annual reporting period.

**Analysis**

The Public Utilities Department reviewed the Clay Settling Pond Utilization Data provided by Mosaic staff in a submittal dated November 22, 2022. Mosaic reported that for the period November 2021 through October 2022, approximately 5.78 million tons of clays were deposited in Hillsborough County Clay Settling Areas (CSAs) L-1, L-2, L-3, F-4, F-5 and F-7 covered by Resolution 18-129. Hillsborough County clays production for the same period was approximately 0.49 million tons. Accordingly, 9.53 million tons of clays were imported into Hillsborough County during the period November 2021 through October 2022. Approximately 5.30 million tons were deposited into Hillsborough County CSAs under Resolution R18-129; the remainder, 4.23 million tons were returned to Hardee County.

STAFF REPORT - Resolution R18-129 Annual Report for Hillsborough County DRI#263  
Clay Settling Area Utilization for Hardee County Waste Clay Disposal Analysis  
January 9, 2023

**Conclusion**

Based on Mosaic's provided data, Mosaic appears to be in compliance with Resolution R18-129 enabling existing clay settling areas L-1, L-2, L-3, F-4, F-5 and F-7 within DRI #263 to accept clays from Hardee County until such time as each clay settling area is utilized to the full design storage capacity.



Mosaic Fertilizer, L.L.C.  
13830 Circa Crossing Drive  
Lithia, Florida 33547  
Tel 813.500.6300  
www.mosaicco.com

*Via Electronic Delivery*

November 22, 2022

Mr. Jeffry Greenwell  
Section Manager  
Public Utilities Department  
332 N. Falkenburg Road  
Tampa, Florida 33619

RE: Hillsborough County DRI 263 Clay Summary Report  
Resolution R18-129, Section 2. Condition B  
Four Corners / Lonesome Mines

Dear Mr. Greenwell:

In accordance with the requirements of Hillsborough County Resolution R18-129, Section 2. Condition B for the Four Corners / Lonesome Mine in southeast Hillsborough County, please find attached a Clay Summary Report for the reporting period of 11/1/2021 through 10/31/2022. Based on my review of production data for the year and the latest available survey data for the applicable clay settling areas, the attached report summarizes the clay storage in Hillsborough County as of October 31, 2022.

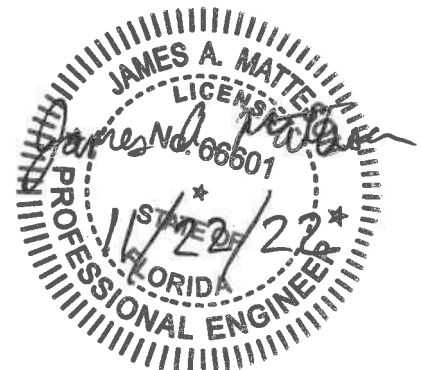
If you have any additional questions or require additional information, please feel free to contact me at (813) 267-6343.

Sincerely,

*James A. Matteson*

James A. Matteson, P.E.  
Florida Registration 66601  
Superintendent Geotechnical

Cc: Tony Alhomsy – Hillsborough County  
Ed Coppock – Hillsborough County  
Mike Carter – Hillsborough County  
Sam Elrabi – Hillsborough County  
Adam Gormly – Hillsborough County  
Kevin Moran – Hillsborough County  
Nancy Takemori – Hillsborough County  
Mike Thompson – Hillsborough County  
Shelley Thorton – Mosaic  
Laura Morris – Mosaic  
Keith Beriswill – Mosaic  
Angel Wynn – Mosaic



Hillsborough County Clay Summary for Reporting Period of 11/01/2021 - 10/31/2022

1) The total volume of clay processed in Hillsborough County;	483,053	tons
2) The volume of clay deposited in the Hillsborough County CSAs;	see below	
3) The remaining available volume for clay disposal in the Hillsborough County CSAs;	see below	
4) The volume of clays mined from Hillsborough County and deposited in the Hillsborough County CSAs;	483,053	tons
5) The volume of clays mined from Hardee County and deposited in the Hillsborough County CSAs;	5,295,014	tons
6) The volume of clays mined from Hardee County and returned to Hardee County;	4,230,601	tons
7) Provide any correspondence and/or data related to compliance with FDEP's PMFP and relating to any modification or change related to the CSAs;	N/A	

CSA	Question 2	Question 3	
	Clay Tons Deposited 11/1/21 to 10/31/22	Acre - Feet	Remaining Available Volume (as of 10/31/2022)  Tons (Assumes 10/31/23 Disposal End Date*)
L-1	328,469	2,060	464,377
L-2	71,818	2,813	653,825
L-3	464,431	3,641	862,802
F-2D	3,934,785	217	37,250
F-4	0	6,550	1,370,473
F-5	285,099	4,170	875,694
F-7	693,465	3,714	801,583
Totals	5,778,067	23,165	5,066,004

\* Per Condition Section 2.A. of R18-129, regardless of whether each CSA is utilized to its full design storage capacity, this authorization to deposit clays from Hardee County in Hillsborough County shall expire on November 14, 2023