



Agenda Item Cover Sheet

Agenda Item N^o: _____

Meeting Date March 2, 2022

Consent Section

Regular Section

Public Hearing

Subject: Annual Report to The Board of County Commissioners regarding DRI #263 Clay Settling Areas Utilization for Hardee County Waste Clay Disposal			
Department Name: Environmental Services			
Contact Person: Kevin Moran		Contact Phone: 813 209-3073	
Sign-Off Approvals:			
George Cassady		Kevin Moran	
2/17/2022		2/14/2022	
Assistant County Administrator		Date	
Date		Department Director	
N/A			
Management and Budget –		County Attorney –	
Approved as to Financial Impact Accuracy		Approved as to Legal Sufficiency	
Date		Date	
		Nancy Takemori	
		2/15/2022	
Deputy County Administrator		Date	

Staff's Recommended Board Motion: Staff recommends that the Board of County Commissioners accept the staff report concerning the annual reporting of disposal of Hardee County waste clays within clay settling areas located within Hillsborough County. Staff has reviewed the information submitted by Mosaic and based on the information provided Mosaic appears to be in compliance with Resolution R18-129 enabling existing clay settling L-1, L-2, L-3, F-4, F-5 and F-7 within DRI #263 to accept clays from Hardee County There is not financial impact due to this board action.

Financial Impact Statement: There is no financial impact due to this action by the Board of County Commissioners.

Background: In 2018 the Hillsborough County Board of County Commissioners approved Resolution R18-129, which allowed for the disposal of waste clay generated from processing phosphate ore excavated in Hardee County. One condition of the approved resolution was that County Staff would report on the quantity of clays resulting from this activity on an annual basis. This report is submitted to meet the requirements of Resolution R18-129.

List Attachments: Staff Report for DRI #261 Clay Settling Area Utilitization, Mosaic Letter Report Dated November 15, 2021



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

Via Electronic Delivery

November 15, 2021

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:

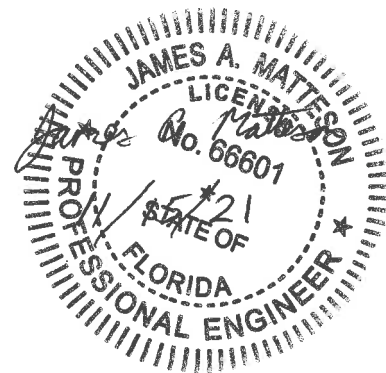
In accordance with the requirements of Hillsborough County Resolution R18-129, Section 2. Condition B for the Four Corners / Lonesome Mine in southeast Hillsborough County, please find attached a Clay Summary Report for the reporting period of 11/1/2020 through 10/31/2021. Based on my review of production 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, 2021.

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

Sincerely,

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
Bill Brammell – Mosaic
Laura Morris – Mosaic
Scott Wuitschick – Mosaic
Angel Wynn – Mosaic



Hillsborough County Clay Summary for Reporting Period of 11/01/2020 - 10/31/2021

1) The total volume of clay processed in Hillsborough County;	670,243	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;	670,243	tons
5) The volume of clays mined from Hardee County and deposited in the Hillsborough County CSAs	5,335,786	tons
6) The volume of clays mined from Hardee County and returned to Hardee County;	2,783,039	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 11/1/20 to 10/31/21	Remaining Available Volume (as of 10/31/2021)	
		Acre - Feet	Tons (Assumes 10% Solids)
L-1	1,172,816	4,924	713,488
L-2	164,722	1,664	241,114
L-3	164,722	3,227	467,592
F-2D	2,987,376	7,292	1,056,611
F-4	257,423	7,457	1,080,519
F-5	379,574	5,130	743,337
F-7	879,395	7,015	1,016,474
Totals	6,006,029	36,709	5,319,134



Hillsborough County Florida

A Report Presented to the Board of County Commissioners

on

March 2, 2022

from

Public Utilities Administration Environmental Services Division

regarding

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

Sign-Off Approvals	
Kevin Moran	2/15/2022
Department Director	Date
N/A	
Management and Budget –	Date
Approved as to Financial Impact	
Accuracy	
Nancy Takemori	2/15/2022
County Attorney – Approved as to	Date
Legal Sufficiency	
<i>George B. Cassady</i>	2/17/22
Assistant County Administrator	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 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 2021, the third annual reporting period.

Analysis

The Public Utilities Department reviewed the Clay Settling Pond Utilization Data provided by Mosaic staff in a submittal dated November 15, 2021. Mosaic reported that for the period November 2020 through October 2021, approximately 6.01 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 0.67 million tons. Accordingly, 8.11 million tons of clays were imported into Hillsborough County during the period November 2020 through October 2021. Approximately 5.34 million tons were deposited into Hillsborough County CSAs under Resolution R18-129; the remainder, 2.78 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
November 17, 2021

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.