



# ARS

## Annual Report Summary

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### DRI #263- HILLSBOROUGH COUNTY MINES CONSOLIDATION S/D HILLSBOROUGH COUNTY RY 2018-19

On July 21, 1993, Hillsborough County granted Resolution R93-0170 (Development Order for DRI #213) to authorize IMC Fertilizer, Inc. to consolidate IMC's existing approved mines in Hillsborough County (Kingsford, Lonesome and Four Corners Mine) with modifications to each of the mines. Although the Kingsford and Four Corners Mine are located in more than one county, this consolidation addressed only those portions of the Mines within Hillsborough County. Phase 2 (known as the "Expansion Phase") of the Consolidation was ultimately approved on March 23, 1995 (Resolution No. 95-062). The expansion involved the addition of 17,915 acres (14,706 mineable acres) to the project. Among other subsequent modifications approved under the Amendment process, the project was transferred to Mosaic Phosphates Co. and 549 acres were added.

On March 11, 2008, Hillsborough County adopted Resolution No. 08-047 as a Substantial Deviation Development Order (SDDO) to DRI #213. Under the premise of DRI #263, the SDDO authorized Mosaic Fertilizer, L.L.C. to expand their southeastern Hillsborough County mining operations by 1,540+ acres while removing approximately 7,251 acres, with the majority of those acres being previously mined and reclaimed and is now considered part of the Alafia River State Park. The seven parcels constituting the expansion are all essentially internal to the former DRI and are located both north and south of S.R. 674. The closest expansion parcel is approximately 1.5 miles north of Manatee County and approximately 2.25 miles west of Polk County. The SDDO did recognize that the expansion parcels shall adhere to the mining, reclamation and Development Order expiration dates previously established for the Hillsborough County Mine Consolidation DRI.

DRI #263 has been amended on three occasions, most recently on June 11, 2019 (Resolution No. 19-082). The Amendments have cumulatively authorized: an addition of a 76.5 acre "Surface Tract" parcel to the project (was formerly an internal "outparcel"); elimination of Condition II.F. (of Resolution No. 05-021) which pertained to Noise Monitoring requirements; modification to a former commitment which now enables waste clays originating in other Counties to be disposed of in existing Hillsborough County Clay Settling Areas; and removed a 435-acre parcel (portion of Parcel 7 owned by Tampa Electric Company).

#### **PROJECT STATUS**

The project has been approved to mine 30,926 acres of the 48,595-acre project site.

**Development this Reporting Year:** 587.6 acres were mined. Additionally, Mosaic continued clay storage activities at Four Corners Mining Units (MUs) F-2C, F-2D, F-3A, F-3B, F-4, F-5, F-7 as well as the Lonesome MUs L-1, L-2 & L-3 ponds. In terms of Reclamation activities, contouring occurred on four MUs totaling 66.5 acres, upland planting occurred on five MUs totaling 901.6 acres and five MUs received wetland plantings totaling 158.4 acres.

**Cumulative Development:** a total of 30,478 acres have been mined through June 30, 2019. All mining activities within the Kingsford Mine have been completed. According to data contained in the “*Financial Responsibility*” tables provided in the RY 2018-19 Annual Report, 8,891 mined acres have been released to date by FDEP (i.e. 4,059 acres within Kingsford Mine, 4,143 acres within Four Corners Mine & 689 acres within Lonesome Mine), as well as 1,863 disturbed but not mined acres (i.e. 1,086 acres within Kingsford Mine, 598 acres within Four Corners Mine & 179 acres within Lonesome Mine) and 432 “Other” acres (i.e. 309 acres within Kingsford Mine, 123 acres within Four Corners Mine & 0 acres within Lonesome Mine).

**Projected Development:** the Developer anticipates mining 136.8 acres within the project during RY 2019-20. In terms of reclamation activities, the Developer anticipates that contouring will occur across seven MUs totaling 595 acres, upland planting will occur across three MUs totaling 521 acres and 278 acres will receive wetland planting across two MUs.

### **SUMMARY OF DEVELOPMENT ORDER CONDITIONS**

1. The Developer has identified that all required monitoring programs continue to be instituted with results provided to the appropriate agencies. A summary of the following monitoring results was included in the RY 2018-19 Annual Report: *Industrial Wastewater Discharge* (daily), *Industrial Wastewater Discharge Outfall Water Quality* (weekly), *Surface Water Quality/South Prong of Alafia River & Little Manatee River* (monthly), *Rainfall* (daily), *Production Well Pumping* (monthly), *Groundwater Monitoring* (monthly) and *Surficial Water Table/Piezometer Monitoring* (weekly).
2. Condition D.2. obligates the Developer to dedicate 300 acres to the County for construction of a water reservoir at a location to be determined by the County. The Developer continues to recognize that a prior offer to donate 300 acres at a location proposed by the Developer was declined by Hillsborough County.
3. Pursuant to Condition P.2., the Engineering Division of the Hillsborough County Public Works Department shall be responsible for monitoring the structural integrity of public streets or roadways used for mining activities throughout the life of mining operations. If applicable, the Developer shall be responsible for remedial action associated with damage caused by trucking operations that are deemed necessary by Hillsborough County.
4. Once S.R. 37, C.R. 39, S.R. 674, C.R. 630, S.R. 60, C.R. 640 and/or U.S. Hwy. 41 (including bridges) are determined to be structurally degraded or are degrading at an unacceptable rate by FDOT and/or Counties, Condition P.3. requires the Developer to “*enter into an agreement with the responsible entity for improvements*” within 90 days of notification and prior to continued utilization of applicable roadway(s).
5. Consistent with Condition P.6., Mosaic shall provide peak-hour and daily traffic counts at the project entrances when mine and plants are operating at maximum capacity. The Developer continues to acknowledge that “*traffic counts were completed as part of DRI #263.*” However, although not specified as an annual reporting obligation within the Development Order, it is believed that this Condition was intended to require the conduct of at least one future traffic monitoring to be conducted when the mine and plants are operating at maximum capacity to ensure that the trips recognized in the DRI #263 application were accurate.

6. The *Financial Responsibility Statement* was included in the Annual Report, as required. The Developer estimated their total financial liability through July 1, 2019 to be \$127,292,721 with their projected liability expected to increase to \$128,130,202 by June 30, 2020 as a result of mining an estimated 137 additional acres.

#### **DEVELOPER OF RECORD**

Mosaic Fertilizer LLC, Attention: Russell Schweiss, 13830 Circa Crossing Drive, Lithia, FL 33547 is the firm responsible for adhering to the conditions of the Development Order.

#### **DEVELOPMENT ORDER COMPLIANCE**

The project appears to be proceeding in a manner consistent with the Development Order. Hillsborough County is responsible for ensuring compliance with the terms and conditions of the Development Order.