



Tampa Bay Regional Planning Council

ARS

Annual Report Summary

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DRI #213- HILLSBOROUGH COUNTY MINES CONSOLIDATION SUBSTANTIAL DEVIATION HILLSBOROUGH COUNTY RY 2004-05

On July 21, 1993, Hillsborough County granted a Development Order (Resolution R93-0170) to IMC Fertilizer, Inc. (IMCF) for consolidation of IMC's existing approved mines in Hillsborough County (Kingsford, Lonesome and Four Corners Mine) into one mine. The Development Order authorized changes to these mines during Phase I, also referred to as the "Consolidation Phase." Although the Kingsford (KFD) and Four Corners Mine (FCO) are located in more than one county, this Substantial Deviation only addresses those portions of the Mines located in Hillsborough County. The latter development, Phase II or the "Expansion Phase," was not addressed as part of this Development Order.

The changes to the original mines included the following: the removal of approximately 850 acres from the Lonesome Mine (LSM) site; the addition of 3,248 mineable acres within the existing mines' boundaries; a revision to the mining schedule and equipment utilization; a time extension for mining; a revision to the clay and sand tailing storage areas and disposal methods; the approval of trucking as a method for transporting product from the plants; the addition of a railroad to connect all three mine plants; the upgrading of the Lonesome Plant operations; and additional 25-year floodplain, wetland and roadway crossings requirements.

Phase II of the project, "the Expansion Phase" was approved by the County on March 23, 1995 (Resolution No. 95-062) for the addition of 17,915 acres (14,706 mineable acres) to the project. The amendment also: extended the mining schedule to 2017 (a cumulative four year extension); extended the reclamation schedule to 2026 (a cumulative 11 year extension); extended the Development Order by 14 years (to December 31, 2027); added nine new tributary floodplain crossings; and revised tailings and clay disposal plans, including the size, capacity and general location of nine clay settling ponds in the Expansion area. The amendment indicates which conditions are applicable to which part of the project. Generally, the conditions of the older DRIs are applicable to the added areas, unless superseded by stricter conditions. The anniversary date for the Annual Report is July 31st.

The Development Order has been amended five times, the latest occurred on January 25, 2005 (Resolution No. R05-021). The amendments have cumulatively: added 549 acres to the project; authorized a "temporary" rerouting of truck trips exiting the Lonesome Mine facility; added a screening station in the Lonesome Mine area; and recognized name of new developer (Mosaic Phosphates Co.) and authorized agent (Mr. Thomas Myers).

On March 28, 2005, the Tampa Bay Regional Planning Council conducted a Pre-Application Conference to initiate review of a Substantial Deviation Development of Regional Impact for the project to expand mining operations.

PROJECT STATUS

The project has been approved to mine 43,367 acres of the entire 53,937-acre site.

Development this Reporting Year: 318 acres were mined within the Lonesome Mine site.

Cumulative Development: a total of 22,803 acres have been mined through June 30, 2005. The developer has reported that all mining activities within the Kingsford Mine are now complete. A total of 5,565 mined acres have already been released by FDEP.

Projected Development: the developer anticipates mining an estimated 701 acres within Four Corners Mine and the Lonesome Mine during the next reporting year. Mosaic projects that 1,051 acres will be reclaimed during the 2005-06 reporting year (i.e. 601 acres within Kingsford Mine and 450 acres within Four Corners Mine). Active clay settling will continue at Mining Units K-6, K-8, F-2C, F-2D and F-4. The developer anticipates commencing construction of clay settling area F-5 and completing construction of the Lonesome Central Screening Station.

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. The following monitoring events have been conducted, most of which have been included in the Annual Report: *Industrial Wastewater Surface Water and Groundwater Discharge, Domestic Wastewater Monitoring, Groundwater Pumping (Condition C.9.), Production Well Sampling (Condition C.8.), Rainfall, and Ambient Surface Water Sampling (Conditions D.5. and D.7.)*.
2. The developer is required to dedicate 300 acres to the County for construction of a water reservoir, the location to be determined by the County. The developer has identified that this Condition will be met at the end of the mine life. (Condition D.4.)
3. The developer will continue to obtain gopher tortoise relocation permits, as necessary, from the Florida Fish and Wildlife Conservation Commission, in accordance with Conditions I.7 and I.14.a.
4. Condition O.5 requires the developer to submit Mining Unit Drainage Plans to TBRPC for review and to SWFWMD and Hillsborough County for approval. The developer has complied with this requirement to date.
5. Pursuant to Condition P.1., the developer shall provide automatic signals at any new railroad grade crossing of public roads related to the DRI and warning gates at the proposed rail crossings of SR 674. Automatic signals and warning gates have been installed at SR 37 crossing.
6. Consistent with Condition P.8., Mosaic shall provide peak-hour and daily traffic counts at the project entrances in annual report submittals when mine and plants are operating at

capacity. The developer previously indicated that traffic monitoring would resume once the Lonesome Mine was reactivated, which occurred during the reporting period. Traffic analyses are being prepared in conjunction with the Substantial Deviation DRI (#263) currently being prepared. Annual traffic monitoring results shall be provided in conjunction with all future Annual Reports.

7. Condition Q.4. identifies mining completion in 2018 with completion of all reclamation activities by December 31, 2026.

The project appears to be in compliance with all other conditions at this time.

DEVELOPER OF RECORD

Mosaic Phosphates Company, Post Office Box 2000, Mulberry, FL 33860 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.