



ARS

Annual Report Summary

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DRI #80 - BIG FOUR MINE SUBSTANTIAL DEVIATION HILLSBOROUGH COUNTY RY 2012-13

On April 14, 1982, Hillsborough County granted a Substantial Deviation Development Order to AMAX Phosphate, Inc., for a 200-acre mining expansion (substantial deviation) on lands purchased between 1977 and 1980 at the Big Four Mine (previously approved as DRI #50). The DRI parcel and development rights were purchased by, and transferred to, Mobil Mining and Minerals Company in February, 1987.

The Development Order has been amended a total of three times, most recently on April 24, 2001 (Resolution No. R01-089). The amendments have cumulatively: added two parcels totaling 80 acres; deleted a 60-acre parcel; recognized the sale of the Big Four Mine to IMC (the project was subsequently acquired by Mosaic Fertilizer, LLC); revised the Annual Report anniversary date to July 31st; authorized pipelines to be constructed between the Big Four Mine and nearby IMC mines; formally recognized a name change of the Developer to IMC Phosphates Co.; authorized mining to occur in the BF-1 clay settling area; and extended the mining period and the Development Order expiration date by a period of 11 years, 11 months and 15 days. Through a May 5, 2008 correspondence, Hillsborough County subsequently granted further extensions of the mining period and Development Order expiration date by three years, each to May 4, 2011, in accordance with 2007 revisions to Subsection 380.06(19)(c), F.S.

PROJECT STATUS

As currently approved, the project entails a total of 5,940 mineable acres.

Development this Reporting Year: no mining occurred during the reporting year. However, reclamation activities continue including the contouring of 81.7 acres [*Mine Sites ASP(1A) {78.1 acres} & SP(3A) {3.6 acres}*] and contouring/revegetation activities on 75.7 acres [*Mine Sites ASP(1A) {28.9 acres/Grassing, 37.5 acres/Upland Planting & 5.7 acres/Wetland Planting} & SP(1A) {3.6 acres/ Upland Planting}*]. No additional mining acreage was released by FDEP.

Cumulative Development: a total of 4,166 acres have been mined. As identified in the “*Big Four Mine Financial Responsibility*” table dated June 30, 2013, a total of 1,729 previously-mined acres (across 19 mine sites) and 216 previously-disturbed acres (across 16 mine sites) have been cumulatively released by FDEP in accordance with their Reclamation Program, for a total of 1,945 acres.

Projected Development: the developer has indicated that “mining at Big Four is now complete” and, as such, “Mosaic has no plans to mine additional acres during the next reporting year.” However, the Developer did acknowledge that final reclamation activities will continue.

SUMMARY OF DEVELOPMENT ORDER CONDITIONS

1. The Big Four Mine's Consumptive Use Permit issued by the Southwest Florida Water Management District (SWFWMD) allowed for deep well pumping of 6.37 million gallons per day (mgd). The permit volume was reduced to 3.0 mgd in 1997. In lieu of renewing the permit independently, the SWFWMD previously added the 3.0 mgd of water to the overall IMC Water Use Plan.
2. The developer has identified that all required monitoring programs continue to be instituted with results provided to the appropriate agencies with the exception of the rainfall readings at the Big Four Mine site. A summary of the following monitoring results has been included in the RY 2012-13 Annual Report: *Industrial Wastewater Discharge* (daily), *Surface Water Quality Sampling* (monthly), *Rainfall Monitoring* (daily) conducted at two of Mosaic's adjacent mine sites, and *Surficial Water Table Monitoring* (monthly).
3. As previously reported, the SWFWMD and Hillsborough County accepted the developer's 1983 study of the 25-year floodplain of the Alafia River South Prong in lieu of the requirements of Condition III.B. No mining shall occur within the 25-year floodplain of the Alafia River and tributaries (Condition III.B.1). The land comprising the 25-year floodplain of the South Prong of the Alafia River shall be dedicated to the County at the end of the mine life (Condition #6/DRI 75-13).
4. The *Financial Responsibility Statement* was included in the Annual Report as required. The Developer estimated their total financial liability through June 30, 2013 to be \$2,274,600 and projected their liability through June 30, 2014 to be the same.

DEVELOPER OF RECORD

Mosaic Fertilizer, LLC, Attention: Diana M. Jagiella, 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.