



ARS

Annual Report Summary

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DRI #80 - BIG FOUR MINE SUBSTANTIAL DEVIATION HILLSBOROUGH COUNTY RY 2009-10

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 has subsequently been 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, in accordance with the Florida Department of Environmental Protection (FDEP) Reclamation Program, 47.0 acres were contoured, grassed, and planted with trees.

Cumulative Development: a total of 4,167 acres have been mined through June 30, 2010, of which 3,797 acres have been reclaimed through revegetation. In total, 833 acres have been released by the FDEP.

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.”

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 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, which would be easily attainable from one of the Applicant's adjacent mine sites. A summary of the following monitoring results has been included in the RY 2008-09 Annual Report: *Industrial Wastewater Discharge* (daily), *Surface Water Quality Sampling* (monthly), and *Surficial Water Table Monitoring* (essentially bi-weekly).
3. As previously reported, the SWFWMD and Hillsborough County have 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* has been included in the annual report as required. The developer has indicated their estimated total liability as of July 1, 2010 to be \$3,011,000 and projected their liability through June 30, 2011 to be the same.

DEVELOPER OF RECORD

Mosaic Fertilizer, LLC, Attention: Thomas E. Myers III, 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.