



Tampa Bay Regional Planning Council

ARS

Annual Report Summary

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DRI #80 - BIG FOUR MINE SUBSTANTIAL DEVIATION HILLSBOROUGH COUNTY RY 2006-07

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, the latest occurring 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-Agrico Company (IMCA); revised the anniversary date for the Annual Report to July 31st; authorized pipelines to be constructed between the Big Four Mine and nearby IMCA mines; formally recognized a name change of the developer to IMC Phosphates Co.; allowed mining to occur in the BF-1 clay settling area; and extended the mining activities and the Development Order expiration date by 11 years, 11 months and 15 days (to May 4, 2008).

PROJECT STATUS

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

Development this Reporting Year: 12 acres were mined in Mining Unit 1-G. In addition, 322 acres were contoured and 322 acres were grassed in accordance with the Florida Department of Environmental Protection (FDEP) Reclamation Program.

Cumulative Development: a total of 4,167 acres have been mined through June 30, 2007 and 761 acres have been released by the FDEP.

Projected Development: the developer does not anticipate mining additional acreage during the next reporting period but will continue with “final reclamation of the site” and reclamation activities through “clay dewatering and consolidation.”

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. The following monitoring results have all been included in the annual report: (summary of) *Rainfall Amounts* (for the period of July 1, 2006 to June 30, 2007), *Surface Water Quality Sampling*, and *Piezometer Water Levels/Water Table Mitigation*.
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 June 30, 2007 to be \$5,840,000 and projected their liability through June 30, 2008 to be the same.

DEVELOPER OF RECORD

Mosaic Fertilizer, LLC, 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.