



Tampa Bay Regional Planning Council

ARS

Annual Report Summary

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DRI #213- HILLSBOROUGH COUNTY MINES SUBSTANTIAL DEVIATION HILLSBOROUGH COUNTY RY 2001-02

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 minable 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 Generally, the conditions of the older DRIs are applicable to the added areas, unless superseded by stricter conditions.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 three times, the latest occurred on September 26, 2000 (Resolution No. R00-223). The amendments have cumulatively added 549 acres to the project.

PROJECT STATUS

As currently approved, the project consists of mining 43,641 acres of the 53,937-acre site.

Development this Reporting Year: 1,278 acres were mined within the Four Corners Mine and 187 acres were mined within the Kingsford Mine; 1,081 acres were contoured; 965 acres were grassed and fertilized; 243 acres received herbaceous or wetland tree planting; upland tree plantings occurred on 859 acres. No acreage was released by the FDEP during the reporting period. **Table 1** provides further detail regarding the locations of RY 2001-02 development activities.

Cumulative Development: a total of 21,536 acres have been mined through June 30, 2002. In addition, a total of 5,565 mined acres have been released by the FDEP.

Projected Development: the developer anticipates: mining 1,358 acres; contouring 859 acres; grassing and fertilizing 541 acres; upland tree planting on 753 acres; 189 acres of wetland tree planting; and 205 acres of herbaceous wetland planting. Please refer to **Table 2** for further details regarding the anticipated locations of RY 2002-03 development activities.

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. (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. To date, the developer has complied with this requirement.
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.
6. Consistent with Condition P.8., IMCF 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 indicated that this will not occur until the Lonesome Mine is reactivated.
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

IMC 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.

TABLE 1 - MINING ACTIVITY CONDUCTED DURING RY 2001-02

MINING ACTIVITY	MINE	UNIT #	ACREAGE	SUBTOTAL/ MINE	TOTAL
MINING OPERATIONS	Lonesome	None	0	0	1,465
	Kingsford	Not Specified	187	187	
	Four Corners	Not Specified	1,278	1,278	
CLAY STORAGE	Kingsford	K-6 & K-8	N/A	N/A	N/A
	Four Corners	F-2A/2B/ 2C/2D	N/A	N/A	
CONTOURED	Kingsford	K	33	316	1,081
		Q	34		
		R (West) & RA	160		
		T	89		
	Four Corners	7	37	765	
		9	60		
		13	550		
		15E	118		
GRASSED & FERTILIZED	Kingsford	K	34	508	965
		L, M	250		
		Q	6		
		R (E&W), RA	120		
		T	98		
	Four Corners	6	37	457	
		7	3		
		8, 8A	187		
		13, 13A	196		
		15E	34		
WETLAND TREE PLANTING	Kingsford	Q, R(East), T	27	27	72
	Four Corners	7, 8, 8A, 9, 13 & 15E	45	45	
UPLAND TREE PLANTING	Kingsford	Q, R(E&W), RA & T	259	259	859
	Four Corners	7, 8, 8A, 9, 13, 13A & 15E	600	600	
HERBACEOUS PLANTING	Kingsford	R(East), RA, T	40	40	171
	Four Corners	7, 8, 8A, 9, 13	131	131	

TABLE 2 - MINING ACTIVITY PROPOSED FOR RY 2002-03

MINING ACTIVITY	MINE	UNIT #	ACREAGE	SUBTOTAL/ MINE	TOTAL
MINING OPERATIONS	Lonesome	14, 16	N/A	N/A	1,358
	Kingsford	None	0	0	
	Four Corners	15E,16E, 17E, 18E & 19E	N/A	N/A	
CLAY STORAGE	Kingsford	None	N/A	N/A	N/A
	Four Corners	F-2A/2B/2C/ 2D/4/6/8	N/A	N/A	
CONTOURED	Kingsford	K	50	250	859
		P	50		
		Q	40		
		R (East)	40		
		T	70		
	Four Corners	13	67	609	
		16E	542		
GRASSED & FERTILIZED	Kingsford	K	30	140	541
		P	30		
		Q	20		
		R (East)	10		
		T	50		
	Four Corners	6	20	401	
		7	3		
		10	54		
		11E	77		
		13	207		
		13A	35		
		14E	5		
	WETLAND TREE PLANTING	Kingsford	R(E&W), RA, S & T	78	
Four Corners		7,9,11E,13, 13A & 14E	111	111	
UPLAND TREE PLANTING	Kingsford	R(E&W), RA, S & T	300	300	753
	Four Corners	7,9,11E, 13A & 14E	453	453	
HERBACEOUS PLANTING	Kingsford	R(E&W), RA, S & T	100	100	205
	Four Corners	7,11E,13,14E	105	105	