



Tampa Bay Regional Planning Council

# ARS

## Annual Report Summary

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### DRI #242 - CARGILL RIVERVIEW FACILITY S/D HILLSBOROUGH COUNTY RY 2002-03

On August 20, 1984, Hillsborough County granted a Development Order to Gardinier, Inc. for a 326-acre gypsum disposal project located on 629.9 acres in west central Hillsborough County. The project site is located near the west coast of Hillsborough County, east of U.S. 41, north of Riverview Drive and the Alafia River. No Development Order expiration date was adopted in association with the (original) Development Order. The Development Order has been amended only a single time, on September 22, 1993 (Resolution R93-0172), to increase the allowable height of the gypsum stack from 100' to 200' above the starter dike.

On June 13, 2000, the Hillsborough County Board of County Commissioners granted a Substantial Deviation Development Order (SDDO) to Cargill Fertilizer, Inc (Resolution No. 00-111). This SDDO authorized expansion of the existing gypsum stack by 50 feet in height (to 260'); extension of the facility operating life (to December 31, 2042); relocation of cooling ponds; and rerouting of Archie Creek. The expansion will involve extending the existing phosphogypsum stack (stack and cooling ponds) 90 acres southward, over the area now occupied by a cooling pond and approximately an additional 800 feet further south. The existing cooling pond will initially be relocated to the southern area of the site, and eventually, to the top of the phosphogypsum stack. The total area added to the DRI for the phosphogypsum stack expansion will be approximately 376 acres. Project buildout is scheduled for December 31, 2037 and, as previously stated, the Development Order expires on December 31, 2042. The anniversary date for the Annual Report is June 30<sup>th</sup>.

#### **PROJECT STATUS**

The developer has acquired two parcels (totalling 5.25 acres) adjacent to the DRI during the past reporting year. The developer has asserted that "there are no development plans for these properties." A map illustrating these parcels has been provided in Exhibit E of the RY 2000-01 Annual Report.

***Development this Reporting Year:*** Stack expansion construction activities have not yet commenced. Approximately 4.3 million tons of phosphogypsum were placed on the field during the reporting year.

***Cumulative Development:*** Approximately 55.8 million tons of phosphogypsum has cumulatively been deposited with an average stack height of 150 feet above the starter dike.

***Projected Development:*** the developer anticipates placing an additional 4.6 million tons of phosphogypsum on the stack during the next reporting year.

## **SUMMARY OF DEVELOPMENT ORDER CONDITIONS**

1. Development of the stack expansion shall commence on or before January 1, 2005. [Condition III.N.]
2. The developer has installed ambient air quality monitoring devices at the Progress Village Middle School and the Gibsonton Elementary School in accordance with Condition IV.A.8.a.. In addition, the developer has recently completed the installation of the most effective odor abatement system as required by Condition IV.A.8.c. It is estimated that this technology will reduce off-site odor by as much as 88%.
3. The Integrated Land Management Plan (ILMP) was submitted on a CD-Rom and included with the RY 2002-03 Annual Report, as required. The developer has additionally posted this document to their web page (“www.cargill-neb.com”), allowing for the review and feedback of others. The ILMP includes a summary of all restoration activities and monitoring as required by Condition IV.B.2.a.
4. Restoration activities associated with the “Stack Buffer Management & Protection Plan” [Condition IV.B.2.b.], the “Giants Camp Shoreline” [Condition IV.B.2.c.], the “North Parcel” [Condition IV.B.2.b.], “Archie Creek” [Condition IV.B.2.f.], and “North Parcel East” [Condition IV.B.2.g.] shall all be completed within five years of the effective date of the Development Order (by August 19, 2005) unless an extension has been granted by the restoration reviewing agencies in accordance with Condition IV.B.2.h.
5. The developer has completed construction of a one-acre community garden with irrigation system for the Progress Village Civic Association (Condition IV.B.7.) and an educational center and elevated observation deck on the south parcel (Condition IV.B.8.). The educational center and observation deck will be made available to local schools or educational groups.
6. As required, the developer has contributed: \$12,000 towards the Beach Park element of the Kitchen Plan (Condition IV.B.2.e.); \$20,000 contribution towards the Gardenville Recreation Center improvements (Condition IV.B.9.a.); \$10,000 sponsorship for “Science Camp” (Condition IV.B.9.b.); and \$10,000 to the Riverview Library in order to bolster the environmental section of the library (Condition IV.B.9.c.).

## **DEVELOPER OF RECORD**

Cargill Fertilizer, Inc., 8813 U.S. Highway 41 South, Riverview, FL 33569 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.