

LAND APPLICATION
FUND NO. 559
ACCOUNT NO. 1115

DESCRIPTION

The Land Application System provides specialized wastewater treatment serving the Lipton - Unilever Best Foods North America (UBFNA) tomato-processing facility. Sale of crops grown on the land application site offsets some operating costs.

MISSION

The Land Application program employs an environmentally acceptable means of treating raw tomato processing waste through land application and sludge disposal as a fertilizer enhancement, which provides the City an opportunity to retain a major employer in the community.

GOALS

- ◇ Ensure the land application processes treat tomato-processing wastewater to meet or exceed environmental protection requirements and reduce treatment costs for the industrial user.
- ◇ Ensure wastewater treatment plant sludge is properly disposed of in accordance with all applicable federal, state, and local requirements.
- ◇ Identify crops that are compatible with tomato processing waste that will produce the highest yield of tonnage to offset operating costs.

OBJECTIVES

***PERFORMANCE
MEASUREMENTS/INDICATORS***

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| 1. Irrigate the 574 acres in the Land Application system, using tomato wastewater. | Complete during the tomato season, July through October 2005. |
| 2. Plant, harvest, and sell approximately 400 acres of crops. (Note: Not all 400-acres are planted at the same time.) | Harvest crops (wheat and oat hay) as they mature. |
| 3. Continue close coordination with Unilever to ensure concurrence with program operations. | Ensure additional equipment and personnel are adequate to meet the increased demand generated by production expansion at the industry. |

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| 4. Perform weed abatement activities during the non-growing season for various Public Works Divisions. | Collaborate with other public works division on maintaining weed abatement. |
| 5. Conduct a cost to benefit assessment of the land application program. | Complete assessment report by December 2005. |
| 6. Reduce nitrogen levels in the soil | Continue to plant crops with high nitrogen uptake. |

2005-2006 BUDGET HIGHLIGHTS

Concrete irrigation ditches for the Land Application system need rehabilitation or reconstruction. Repair costs are estimated at approximately \$441,000.

At this time we are anticipating the State to issue further requirements regarding the application of tomato waste and its effect on the groundwater. This could require additional monitoring programs with a cost of approximately \$150,000, that will result in outside laboratory testing.