



ENVIRONMENTAL MANAGEMENT DIVISION

MEMORANDUM

TO: Bruce Walden, Chief Administrative Officer
FROM: Bill Gray, Public Works Director
Rod Fletcher, Environmental Manager
DATE: October 20, 2003
RE: Landfill Remediation Status Report #5

This report will provide an update on landfill remediation activities. In late July Council approved a budget amendment that allowed the City to enter into an agreement for professional services with the environmental consulting firm GeoSyntec. On August 7, GeoSyntec along with City and University staff met with local IEPA officials to provide a review to the IEPA of planned site investigation activities and the overall project timetable. The meeting proceeded well and the IEPA appreciated our continuing efforts in seeking solutions and maintaining communications with them.

GeoSyntec began three weeks of field investigative work August 25 that was completed September 12. Among the activities performed were:

- visual survey of the Saline bank,
- test pits were dug to determine the approximate extent of waste in relation to the bank,
- 13 handprobes installed along the bank (at 2 locations piezometer wells were installed to determine subsurface pore pressures),
- 13 borings back upon the landfill near the bank to depths of up to 40 feet with continuous soil/waste sampling (at 3 locations piezometer wells were installed),
- 2 water elevation gages were installed in the Saline,
- 11 soil/waste samples were collected and analyzed for chemical constituents commonly found in petroleum hydrocarbon products.

Currently, GeoSyntec is evaluating the data gathered from the investigation and developing a report of these activities and is also developing preliminary design solution options. Staff will review the site investigation report during November and a completed report will be forwarded to Council.