DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INDIANAPOLIS

OFFICE MEMORANDUM

Date: July 31, 2001

To: Tracy Concannon
Brownsfields Section

Thru: Fran Metcalfe
Steve Buckel

From: Sandra Roberts ᴶᴿ 7/31/2001
OLQ Chemistry Section

Subject: Further Investigation Report
for the former Greene Manufacturing
Connersville, Fayette, Indiana
Site # 4000024

The Further Investigation Report for the former Greene Manufacturing dated June 27, 2001, prepared by Quality Environmental Professionals, Inc., has been evaluated based on 329 IAC 9, the UST/LUST guidance manual and the Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846) Third Edition, Update III. The purpose of this document is to submit surface soil, subsurface soil, and groundwater data. After reviewing the documentation, it has been determined that all the surface soil, subsurface, and groundwater results met the Voluntary Remediation Program (VRP) Tier II nonresidential cleanup goals.

History

The facility previously housed the Metal Production Company, Metal Plating Corporation, and Greene Coatings Division. Past property activities included metals parts plating, paint spraying, parts cleaning, maintenance and waste treatment. On June 5, 1997, 50 gallons of cyanide rinse water was spilled when a pump line was not connected. Remediation included using bleach on the site to neutralize the pH. In March of 2000, closure of five underground storage tanks was reported. IDEM has identified one caustic soda tank and three containing fuel oil that were removed from the site. A Phase I site investigation was conducted in November of 2000 with twenty one Geoprobe soil sample locations and three Geoprobe groundwater sample locations.

Sampling Procedure

Continuous sampling was conducted at each boring by screening for total photoionization vapor (TPV) (soil headspace gas) using a pre-calibrated Hnu photoionization dectection (PID) with a 10.2 eV ultraviolet lamp and a ziplock bag. The soil sample with the highest concentrations was