

Lab 04: Radius Report

EVS 248 Environmental Geology and Hydrology

Fall, 2011

Today's lab focuses on using a radius report. The report is available on Moodle as three pdf files of more than 100 pages in length. Use these and other resources to answer the following questions:

- Is there evidence of any of the following in the Plaza 20 shopping area? *dry cleaners, gasoline stations, leaking underground storage tanks, auto repair, food preparation, land fill, hazardous waste disposal.* If so, what concerns are associated with them? Explain.
- Are there any known CERCLA sites nearby? Known chemical releases? RCRA sites?
- Is there any evidence of historical problems at the BP station near K-Mart? Mid-Continent Bottle? Super-8 Motel? other nearby sites?
- What is GeoCheck? What soils were/are present at the site? Are there any wells nearby?
- What is a Sanborn map? How is it sometimes useful in preparation of an ESA? What does it show for the K-Mart site?