VERIFICATION OF DECONTAMINATION
PERMIT APPLICATION SECTION II.K.1.e.

Previous sections of the application have referred to removal of inventory and decontamination of structures. Inventory removal eliminates the possibility of eventual contamination to the site from leaking containers left after the facility has been closed.

The closure operations will result in a number of waste streams that will be disposed of as hazardous waste. Decontamination waters generated from steam cleaning the container storage area, transfer waste areas and consolidation/stabilization areas will be properly characterized and managed at the time of closure

Container storage areas, as well as consolidation/stabilization areas, will be decontaminated by cleaning the surface of the floor with steam pressure until residues and removable stains disappear. Final rinsate samples will be taken as discussed earlier. The engineer certifying the closure operation will inspect the floors and parking (stabilization) areas and evaluate final rinsate analytical data.

The Triumvirate Environmental (Florida), Inc. facility has been designed and planned in accordance with environmental regulations enacted with the intent of preventing environmental contamination from hazardous waste storage and treatment operations. Storage and treatment operations conducted at the facility are not expected to result in contamination of the site. Soils beneath the process and operation areas should be free of man-made or leachable hazardous waste constituents. To verify that no contamination remains at the site after closure of the facility additional testing may be conducted: If a crack in the concrete is observed a sample may be taken at that location. Samples should be taken from the bottom of the concrete within the fill material from under the foundation. The contaminants of concern will depend on the waste material types handled in the areas where soils are to be sampled.

Figure II K 1 shows the planned sampling locations for the contamination assessment program to be conducted under this plan. The sampling locations may vary depending on the conditions at closure. Cracks in the concrete, in the transfer area, will also be sampled. The sampling locations have been selected representing the areas where waste materials are stored or treated in the facility. A sample will be obtained from each area to be submitted to the laboratory. For clean closure discrete samples must be taken, and if the samples are composited for volatiles, they must be composited in the lab. Samples will be taken for metals, VOCs, and SVOCs. Table II.K.1.e.-1 indicates the contaminants of concern for each area of Figure II K 1. The analytical methods that will be used for testing the corresponding samples are also shown. Clean closure levels will conform to standards in effect at the time of closure.

Sampling and analytical data will be done in accordance with Florida DEP SOP's and quality manuals which can be found online at http://www.dep.state.fl.us/labs/library/lab_sops.htm