

TWT Methanol Transport Truck Rollover NE Corner of Wilmington Highway & HWY 87 Southeast of Fayetteville, NC

On April 22, 2008 a tanker truck transporting methanol was involved in a roll-over accident at the intersection of Highway 87 and Wilmington Highway in Fayetteville, NC. The emergency response contractor arranged the initial spill management for methanol and diesel fuel from the tanker, and called Pyramid to perform soil assessment and cleanup. The work was completed in a phased approach by RSM Michael Jones as directed under the Inactive Hazardous Sites Branch (IHSB) Program, and was observed by Mr. Sean Boyles.

The management of the waste was a critical project issue as the spill would have the characteristic hazard of flammability (methanol) and the potential for groundwater contamination as well. The standards were carefully reviewed to make sure that the excavation was sufficient to remove all soil that contained a characteristic hazard or represented a threat to groundwater. The initial excavation was completed to what appeared to be the limits of the diesel and methanol spill. The soils were contained in covered roll-off containers pending analysis and disposal. The potential disposal as hazardous waste would have cost over \$600 per ton.

The plan was to containerize the waste and sample as required by IHSB for a multi-aliquot composite sample from each roll-off container. These samples were analyzed and showed that the waste could be treated locally as non-hazardous at a cost of \$25 per ton. Based on the results of three excavation events, approximately 84.13 tons of petroleum and methanol contaminated soils were excavated, containerized, sampled, and transported for treatment and disposal locally. The results of the soil analyses show that the soil had been cleaned up to unrestricted use standards under the IHSB Program. Based on the analytical results from the limits of the excavations, Tidewater Transit requested regulatory closure from the IHSB Program, which was granted.