

## Public Safety / Air Quality



### UST Pull on Rosedale Hwy.

Two UST tanks were being pulled on busy Rosedale Hwy when it was discovered that there was a lining under the tanks used as a secondary containment when the tanks were installed over 30 years ago.

While the containment seemed to accomplish its desired result, the high gasoline contamination of fill sand created a public safety concern for the surrounding businesses during the removal process. Note how close the door to the market is to the tank excavation.

ECS was asked to help solve the problem. A proposal of allowing a Gold Crew vapor suppressing product to soak down into the contaminated area was proposed. The Gold Crew was expected to solubilize the hydrocarbon thus suppressing the VOC release during the excavation and removal of the contaminated soil. This plan was submitted and approved by County Health.

The area of concern was bermed and a series of shallow “wells” about 2 feet deep were drilled to facilitate the Gold Crew solution to penetrate the targeted zone. About 600 gallons of a 3% solution were added and allowed to soak in. The area was left undisturbed for two days.

On the third day, the area was excavated, and observed by County Health, with no smell of hydrocarbon present. As an added precaution, additional Gold Crew was sprayed to the area being excavated as well as to the bucket of soil as it was being removed. The soils were placed in covered roll off bins and removed in accordance with the approved work plans.

