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**Alameda County
Environmental Health**

Summarized Environmental History of Site 2705748 – Dublin, CA

- 1973 – Original site configuration of two 10,000 gallon steel underground fuel tanks and one 550 gallon steel waste oil tank.
- 1993 – Original tanks and lines removed and replaced by two 12,000 Glasteel underground double wall fuel tanks and one 550 Glasteel waste oil tank in the original tank pits. Soil and groundwater sampling taken around the tanks, lines and dispensers showed minor levels of contamination (see attached reports). Approximately 850 yds of soil were removed from the tank pit area and 50 yds from the waste oil pit for proper disposal. Approximately 19,000 gallons of contaminated groundwater water were removed from the tank pit for disposal. In addition to the fuel system components, the original septic tank was also removed and the septic pit backfilled and compacted.
- 1994 – Based upon the presence of contaminated groundwater in the tank pit, three groundwater monitoring wells were installed and a monitoring and sampling program initiated. That program continues to the present.
- 1996 – The site was modified to a “Fast Break” convenience store with a “ProWash” car wash facility. This included the demolition of the old station building, removal of the waste oil tank (no longer used) and re-arrangement of the fuel dispensers and canopy.
- 1998 – It was determined that MtBE groundwater concentrations had risen in the area around the tank pit. A three-day soil vapor extraction test was performed. The test was successful in demonstrating that there was vapor in the tank pit but the concentrations dropped off rapidly, indicating that the soil area had been purged, but that groundwater contamination remained the same.
- 1999 - With increased concern on MtBE, four additional monitor wells were installed to define the extent of groundwater contamination. Another vapor extraction test was performed to determine the radius of influence for possible redemption purposes. The test indicated that vapor extraction is of limited effectiveness. Similar problems exist with pump and treat technology.
- 2000 – Based upon limited effectiveness of proposed remediation, it was determined to weekly purge groundwater from the tank pit as a modified form of pump and treat to prevent the migration of contaminated groundwater from the site. To date, roughly 200,000 gallons have been removed from the site for treatment and disposal. This tank pit purging will continue in the future.