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Bonneau Dickson, P.E.

Consulting Sanitary Engineer

COLIFORM CONTAMINATION ASSIGNMENTS

Bonneau H. Dickson Jr., P.E.

Education:

Georgia Institute of Technology
B.S. Civil Engineering -- 1960
M.S. Sanitary Engineering -- 1964

Harvard University
M.A. Sanitary Engineering -- 1965

Harvard Business School
Master of Business Administration -- 1975

Registration:

Civil Engineer -- California # 19491

Professional
Associations:

Water Environment Federation (WEF)
California Water Environment Association (CWEA)
American Water Works Association (AWWA)
National Onsite Water Association (NOWA)
California Onsite Water Association (COWA)
Pipe Users Group Of Northern California (PUG)

Forty year's experience in all aspects of designing and constructing water and wastewater facilities, both in the United States and abroad. Over 25 year's forensic and expert witness experience in more than 100 cases.

Mobile Home Park Contamination, North Bay. Technical expert on a case north of San Francisco Bay where the residents sued the owner alleging that the water supply was contaminated and that they had been exposed to coliform organisms.

Coliform Contamination from a Sewer. Provided advice on the significance of coliform organisms found in soil above a sewer in a law suit involving three homeowners. The downstream homeowner attributed the coliforms to leakage of sewage from the upstream lots but sampling found that the coliform concentrations were lower in the soil near the sewer than on the surface of the plaintiff's lot. The most likely source of the coliforms at the surface was the plaintiff's dogs.

Water System Coliform Contamination in Mobile Home Park, Butte County, CA.

As an expert witness, evaluated alleged coliform contamination of the water supply to a mobile home park. The issues in the case involved the sampling techniques, the significance of the coliform laboratory analyses, the adequacy of the supply of water from the water well, and the operation of the chlorine disinfection system.

Contamination from a Leach Field. Served as technical expert in a case in which a property owner claimed that his pond was contaminated with coliform organisms by the failure of a leach field on the next property uphill. Represented the installer of the leach field. Determined that the leach field piping had been broken by large trucks that had operated on top of it.

Contaminated Water Supply, Sonoma County. Provided technical expertise on a case in which a tenant in a mobile home on an agricultural property sued due to a contaminated water supply and an overflowing septic tank/leach field system. Determined that the property owner's house was being served with the same water supply that was claimed to be contaminated with coliform organisms, that no health official had seen the septic tank overflow, and that the surface discharge was from a kitchen sink that the tenant had plumbed to flow onto a nearby field.

Water System and/or Leach Field Leakage, San Mateo County. Prepared a report for an attorney representing an insurance company on a situation where a house owner in San Mateo County alleged that a high groundwater level and the presence of coliform organisms in the groundwater were caused by leaks in the water system and/or a failure of the septic tank/leach field system on the uphill residential lot.

Mobile Home Park Contamination, North Bay, CA. Technical expert on a case north of San Francisco Bay where the residents sued the owner alleging that the water supply was contaminated as documented by the detection of coliform organisms and that they had been exposed to sewage.

Leach Field Failure, San Mateo County, CA. Prepared a report for an attorney representing an insurance company on a situation where a house owner alleged that a high groundwater level and the presence of coliform organisms in the groundwater were caused by leaks in the water system and/or a failure of the septic tank/leach field system on the uphill residential lot.