



Industrial Facilities

At DC Engineering, we believe that listening to our clients needs and coupling their expectations and end-goals with our own expertise and experiences will result in a successful project. Our growth stems from our ability to respond to our customer's current and future needs. We do more than provide electrical engineering and design; we become a partner in the success of our clients.

Over the past 10 years, we have been fortunate to work on multiple Industrial Projects; varying from manufacturing plants to fish hatcheries to waste water treatment plants. Each represents a balance of energy efficient components, ease of maintenance, and economics of construction. Below are listed samples of the types of work we have accomplished.

Meridian Wastewater Treatment Facility; Meridian, ID

DC Engineering provided the electrical engineering and instrumentation and control services for Meridian Wastewater Treatment expansion project. The design will include infrastructure for preliminary and secondary treatment facilities, anaerobic digester, sludge dryer, and site work. In addition to the initial design, DC Engineering provided construction observation throughout the 2+ year project(s) and is currently completing the start-up/commissioning of the control systems.

United Water Idaho

DC Engineering has provided both prototype and detailed design drawings for pump stations throughout the Treasure Valley for nearly seven years. Designs have consisted of single unit monitoring stations too deep well pumping stations with water filtration/chlorination.

Sorrento Cheese Factory; Nampa, ID

Detailed engineering and design of a new whey plant facility, remodeled milk microfiltration plant, and addition of a new product line encompassing approximately 50,000 square feet. Each of three separate designs included power distribution for numerous high capacity pumps and motors, critical load analysis, production, storage, and office lighting, general power distribution, new service coordination, fire alarm, and telecommunications cabling infrastructure. DC Engineering, since 1999, continues to serve as a consultant for this facility

Camille Beckman Manufacturing Facility; Eagle, ID

DC This spacious facility is where Camille Beckman's world famous body lotion and fragrances are produced. The scope of this project required the exploration of alternative energy sources including comparison of a "Fuel Cell System" to a "Hydronic System" and a conventional power system. DC Engineering investigated the electrical aspect of the different options using five major design categories. The categories included: building facility integration, lighting/daylighting control, security, fire alarm life safety, and fuel cells/microturbines. From DC Engineering's study, Camille Beckman was able to determine the most cost and energy efficient design alternative solution for the construction and use of the new building. The completion of the study presented DC Engineering the opportunity to develop the final electrical design for the manufacturing facility, which was finished in 2002.