

Energy Project Experiences

HUB ONE

Ontario, Oregon
www.sdvosbhub.com



Created management plan and support systems to roll out a dedicated fuel remote monitoring network. Tanks were outfitted with battery-operated low-cost monitors at selected locations to optimize fuel delivery route efficiencies. Return on investment was less than one year. Remote monitoring then expanded as a premier service leading to a new revenue source.

Led the design and installation of a Diesel Exhaust Fluid blending facility to include the development of a regional specific business plan to compete against pre-packaged products. The facility supported multiple sources for bulk urea to include solid and liquid forms via rail and truck. Commissioned the ultra pure water treatment system to DEF brand standards. Led the follow-on study to utilize blending by-products to support the potential algae growth operations for biodiesel feed stock. The algae growth operation was deemed unsupportable due to high energy costs defined during the business study.



Supported the design and installation of a multi-million gallon capacity rail side diesel blending facility. The facility will have the ability to blend the percentages that the customers desire, (ranging from 2% to 50% biodiesel). Site containment was designed to support the Oregon Spill Prevention, Control and Countermeasure (SPCC) requirements to include regional weather effects and temporary storage of diesel filled rail cars. Special considerations had to be made for significant point loads of the high capacity storage tanks along with dynamic loading from both the truck terminal and rail frontage.