

## Marilyn Paulus

I know a couple of long-time residents of Soap Lake, one of whom has done research about the deteriorating mineral and element content of the lake. I live in Woodinville and value our natural resources we so desperately need for the health of society on many levels. And I value the unique meromictic properties of the lake, unique to the world. I support the DOE in its decision to approve the ORW protection of Soap Lake as much as possible from further pollution and degradation. I am writing in support of Soap Lake's designation as an Outstanding Resource Water - Tier III(B)., Soap Lake has unique, mineral-rich water created by the geology of the region concentrating the minerals in the water and the mud., This is a regionally unique recreational value and destination for healing nature of water. Used since pre-historic times to heal and rejuvenate people living here., The layers of water that do not mix in Soap Lake. This is unique. The chemically stratified layer of naturally formed meromictic lakes ... has evolved uniquely adapted species., This unique habitat that is a rare example of its kind with bacteria only found in this lake. Researchers with Montana State University have been awarded a series of grants totalling \$6.4 million to identify ways algae can be used for biofuels and other products as it removes carbon dioxide from the air. In addition to other research being conducted on the water and mud in the lake., Helping keep the lake healthy will help the economy of Soap Lake. The minerals keep the water from excess forming toxic algae.