

**Responses to Comments in Letter USR9 from
Paige and Ladd Shumway, United States Residents**

*Note: The responses listed below are numbered to correspond to the numbers shown
in the right-hand margin of the preceding comment letter.*

1. The flood modeling by David Evans & Associates predicted a 2-inch rise over a very small area as a result of filling a property north of the proposed S2GF site. As pointed out in the SEIS (Section 3.6.1), the modeling performed by David Evans & Associates is not directly applicable to the project site because it was done for a somewhat smaller site in a slightly different location. However, it does provide an indication of the change that could occur in flood levels as a result of the 100-year flood. Based on that study, it would not be reasonable to assume that filling of the site would affect a large area of Sumas, as is suggested in the comment. Instead, the previous modeling (by David Evans & Associates and a separate study for the city of Sumas by KCM, Inc.) indicates that the impact of construction of this facility on the 100-year flood would be relatively minor and localized. However, in order to refine that estimate and develop appropriate mitigation measures, the applicant has agreed to complete more complicated, and possibly more accurate, unsteady-state flood modeling. The results of that modeling would be incorporated into the final design of the facility and any reasonable mitigation measures, if warranted, would be proposed based on that modeling.