

**Utah Division of Water Quality  
Salt Lake City, Utah**

**ADDENDUM**

**Statement of Basis (Wasteload Analysis & TMDL)  
Level I Antidegradation Review**

**Date:** November 24, 2009  
**Facilities:** JWCD Discharge to Great Salt Lake  
**Receiving water:** Great Salt Lake

**Finding**

The selenium discharge from the above listed facility was evaluated for impact to Great Salt Lake

A maximum value of 0.054 mg/l may be allowed with a flow not to exceed 3.0 mgd.

It has been determined that this discharge will not cause an impairment to the beneficial uses of Gilbert Bay of Great Salt Lake based upon experience with the Kennecott Discharge and studies done by the Division in the development of a tissue-based water quality standard for Selenium in Gilbert Bay.

Monitoring will be required to validate that any increase in selenium in the shorebird eggs shall be incorporated into the permit. Any observed increase will trigger Division action as indicated in R317-2.

**Antidegradation Level I Review**

A Level II Review should be conducted due to the nature of the receiving water.

**Prepared by:**  
**William O. Moellmer, Ph.D.**  
**Utah Division of Water Quality**

