

### Complete proposal to correct the issues of Swan Lake Flooding

What we are proposing is a "complete" plan to bring forward to put pricing on for funding as a "whole". This is going to take both Washoe County and City of Reno working "together" to *complete this project*. *The emphases on controlling the input of the water into Swan Lake not controlling the boundaries of Swan Lake.*

Moratorium by City of Reno and Washoe County

This must be in place before moving forward. No cheating ect....

*Temporary Emergency* reservoir - Takes 4 feet of floodwaters off Swan Lake for now.  
(Commissioner Herman plan between Lemmon and Golden Valley) Cost 15 million

OR

Using the "Shave" pipe take the lake water to TMWRF "polish" and discharge to Truckee River. Lift station almost complete and 8 inch pipe can pump up to 900,000 gallons daily. If TMWRF needs facility upgrade use the 15 million on this for a permit fix for the future.

*During that time Stead Sewer plant goes to 6 to 8 mgd, A+ effluent.*

4 mgd only processes 8000 and at this time over 17,000 on the books approved and does not include Lemmon Valley facility

Lemmon Valley sewer plant which is in the 100 year flood plane is decommissioned and removed completely, all users go to Stead. Also poor quality grade effluent discharged from this facility. Almost \$1.5 Million spent to protect this plant in the last 2 year.

Swan Lake once Stead sewer plant A+ is up and running pump the Lake through the process to either discharge through pumping to Pyramid Lake or TRIC. It can be sold to recoup some of the costs.

The West area of Swan Lake at Bravo Ave around to bird/wetlands preservation could be dredged, scraped dug to move waters that way.

Spring water runoff and storm water runoff from Peavine and North Virginia St have an alternative route as past years at railroad track when Swan Lake is at "HIGH" level.

Swan Lake becomes a stainable usable lake.

With this a rough plan it shows a "holistic" outlook to move forward regarding funding with the Federals.

Holistic - characterized by comprehension of the parts of something as intimately interconnected and explicable only by reference to the whole.