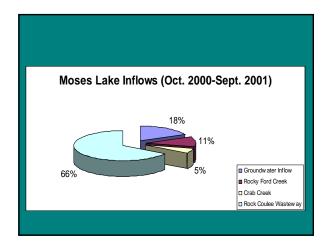
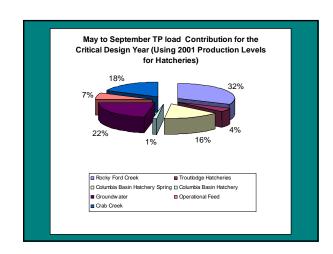


Model

- Hydrodynamic, unsteady-state
- Calibrated to 2001water quality data
- Used to estimate capacity of lake to assimilate TP loads from point and nonpoint sources

Summary of error statistics for the calibration of TP. Spatial, temporal ,and overall error expressed as RMSE (mg/L)							
	ML5	ML4	ML3	ML1	ML2	ML6	Total
March	0.003	0.001	0.007	0.005	0.005	0.011	0.007
April	0.005	0.006	0.005	0.008	0.006	0.006	0.006
May	0.007	0.005	0.042	0.005	0.015	0.005	0.023
June	0.004	0.010	0.007	0.007	0.009	0.008	0.008
July	0.014	0.004	0.012	0.016	0.014	0.006	0.012
Aug	0.005	0.013	0.029	0.016	0.015	0.007	0.019
Sept	0.012	0.014	0.011	0.015	0.013	0.005	0.012
Mar - Sept	0.007	0.009	0.021	0.012	0.012	0.007	0.014





Recommendations

- Dilution Strategies for Moses Lake
- Nonpoint Control of Winter/Spring Runoff from Crab Creek
- Reduction of Phosphorus from Diffuse Nonpoint Sources Supplying Baseflow to Moses Lake from May through September
- Reduction of Phosphorus from Point Sources

