

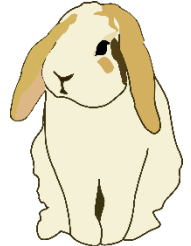



**Loxahatchee River Reasonable Assurance Plan (RAP)
Water Quality Options
August 2017**

Option/Code Name	Plan Type	Water Quality Target Used	Model	Estimated Completion Date	Resources	Project Requirements
<p>Goldfish</p> 	Reasonable Assurance Plan (4b), Now	Use the current NNC. RAP can describe that NNC may be locally evaluated and new targets proposed at a future date. RAP must commit to meeting the standards at the time (currently, the NNC).	Use PLSM, with minor adjustments.	December 2017	<p>DEP supports model and project calculations using the model.</p> <p>DEP supports plan writing/documentation.</p> <p>Replaces need for nutrient TMDLs.</p>	Need enough projects to show "reasonable assurance" that water quality standards will be met when projects are complete and activities are implemented. This is done through using an initial nutrient load from the PLSM and subtracting out load associated with projects or activities.
<p>Peacock</p> 	Reasonable Assurance Plan (4b), Delayed	<p>Locally fund the evaluation of NNC and development/defense of new targets.</p> <p>Suspend development of RAP while development of new targets is underway.</p>	Use PLSM or other, locally-funded, model.	~August 2018 - August 2020 (hard to estimate timing of the target approval process)	<p>Local funding or expertise is used to evaluate the NNC as WQ targets and to propose any changes to the targets.</p> <p>DEP supports plan writing/ documentation.</p> <p>Replaces need for nutrient TMDLs.</p>	<p>Need to defend any new targets to DEP and EPA as a change to water quality standards.</p> <p>Need enough projects to show "reasonable assurance" that water quality standards will be met when projects are complete and activities are implemented.</p>
<p>Rabbit</p> 	4e Plan	Use the current NNC.	No model required.	<p>Plan = December 2017</p> <p>TMDLs = ~December 2018 - December 2019</p>	<p>DEP supports plan development.</p> <p>Need for TMDLs continues; DEP proceeds with its own model/ TMDL development.</p>	<p>Need to show progress towards water quality improvements, but not that standards will be achieved.</p> <p>Does not provide reasonable assurance, so TMDL is still needed in the near term.</p>
<p>Hedgehog</p> 	TMDL/BMAP (basin management action plan)	Wait for TMDLs to be developed, which will implement the NNC or revise the NNC and create new WQ criteria.	DEP will sponsor the TMDL model.	TMDLs = ~August 2018 – August 2019	<p>DEP will support TMDL development and modeling.</p> <p>Locals focus resources on implementing TMDLs. Less local control over schedule and provisions.</p>	Local projects will be needed to meet the TMDLs. A BMAP may be developed, which will list all the local projects and timelines.

NNC: Numeric nutrient criteria. PLSM: Pollutant Load Screening Model. TMDL: Total maximum daily load. DEP: Department of Environmental Protection. WQ: water quality.