

**Current Applicant's Handbook Wetland Criteria**

District	40X-2.301	Exclusions	Application Submittals	Wetland Categorization	No Harm Standards			Site Specific Consideration	Elimination Reduction of Harm	Mitigation of Harm	Elimination, Reduction Mitigation in Renewals
					Assessment	Narrative Standard	Numeric Standard				
SFWMD	Will not cause harm to wetlands or other surface waters;	<p>1) Isolated wetlands ½ acre or less (some caveats)</p> <p>2) Wetlands authorized to be impacts by an ERP or SWM;</p> <p>3) constructed waterbodies</p> <p>4) wetlands &amp; other surface waters that have been specifically authorized to be impacted</p>	<p>1) Scaled map &amp; aerial photo showing wetland locations; drawdowns, facilities; &amp; wetland category</p> <p>2) info about current condition and hydrology</p> <p>3) info re: potential impact of the water use on the wetland in its current condition</p> <p>4) any site specific consideration</p>	<p>Cat 1: permanently flooded throughout the year except in drought</p> <p>Cat 2: seasonally inundated</p> <p>Cat 3: temporarily flooded &amp; saturated wetlands</p> <p>References to types of wetlands on NWI maps</p>	<p>Projected hydrologic alterations to the wetlands &amp; other surface waters caused by the applicant's water use &amp; a cumulative assessment with other ELUs &amp; resulting drawdown</p> <p>Use analytic or numeric modeling, or monitoring data</p>	<p>All categories</p> <p>Applicant must demonstrate that hydrologic alterations caused by the water use shall not adversely impact the values of wetland and other surface water functions so as to cause harm to the</p> <p>a) abundance &amp; diversity of fish, wildlife, &amp; listed species; &amp; b) habitat of fish, wildlife, &amp; listed species</p> <p>An adverse impact to the value of wetland &amp; other surface water functions in violation of the standard above constitutes harm.</p>	<p>Cat 2 wetlands only</p> <p>Demonstrate meet narrative criteria by meeting the numeric criteria</p> <p>Caveat for site specific considerations</p> <p>Numeric criteria: modeled drawdown of cumulative withdrawals in an unconfined aquifer is less than 1 foot</p> <p>Model max monthly allocation for 90 days no recharge</p>	<p>1) Hydrologic or geologic features that affect the projected drawdown (e.g., clay, preferential flow patterns, soil depth) verified by field data</p> <p>2) if applicant says wetland not harmed by the actual water use, info on the condition of the wetland &amp; pumpage records</p> <p>3) other relevant factors</p>	<p>Must modify project design or water use to extent practicable to eliminate or reduce harm to the protected wetlands or other surface waters</p> <p>In determining if practicable, will consider:</p> <p>1) whether wetland impacted by activities other than water use</p> <p>2) cost of the modification for elimination or reduction of harm compared to environmental benefit such modification would achieve</p>	<p>Instances when mitigation cannot offset impacts sufficiently to yield a permissible project: harm OFW, habitat for listed species, wetland not likely to be successfully created elsewhere</p> <p>Use SWERP assessment, mitigation, &amp; monitoring requirements</p> <p>Mitigation in the same drainage basin unless mitigation outside the basin fully offsets the harm. Will consider effect on the values of remaining wetland &amp; other surface water functions in the basin</p>	<p>Additional considerations:</p> <p>1) existing wetland &amp; surface water functions</p> <p>2) degree to which functions are reasonably expected to recover</p> <p>3) potential impacts on existing functions from continuing the water use</p> <p>4) connected to standing or flowing water, OFW, etc</p> <p>5) resting, nesting, breeding, feeding, or denning by listed species.</p>
SJRWMD	Will not cause harmful	NC	NC	NC	NC	The use must not cause harmful	NC	NC	NC	NC	NC

	hydrologic alterations to natural systems, including wetlands or other surface water					hydrologic alterations to natural systems, including wetlands or other surface waters (on site or off-site). A proposed use will be denied as not reasonable-beneficial if the use would alter the existing hydrology and cause an unmitigated adverse impact to natural systems, including wetlands or other surface waters. Methods for avoiding harm include: reducing the amount of water withdrawn, modifying the method or schedule of withdrawal, mitigating the damages caused, or not increasing the potential for flooding. An applicant must avoid or mitigate impacts to wetlands or other surface waters wherever they are located.					
SWFWMD	Will not cause harmful hydrologic alterations to natural systems, including	Isolated wetlands less than 0.5 acres (with Caveats) wetlands & other surface waters that	If withdrawals are determined by the District to have impacted or anticipated to impact environmental features, an	None	None	Wet season water levels shall not deviate from their normal range Wetland hydroperiods shall not deviate from	None	None	None	None	None

	wetlands or other surface waters	have been specifically authorized to be impacted as a result of mining activities	Applicant shall supply additional information regarding the existing status and condition of associated environmental features. This information may consist of aerial photographs, topographic maps, hydrologic data, environmental assessments or other relevant information. Baseline hydrologic and/or environmental data collected prior to permit application shall be provided if available and requested by the District.			<p>their normal range and duration to the extent that wetlands plant species composition and community zonation are adversely impacted</p> <p>Wetland habitat functions, such as providing cover, breeding, and feeding areas for obligate and facultative wetland animals shall be temporally and spatially maintained, and not adversely impacted as a result of withdrawals</p> <p>Habitat for threatened or endangered species shall not be altered to the extent that utilization by those species is impaired.</p> <p>Impacts to canals, springs, and estuaries are considered under the streams criteria. Impacts to ponds, sinks, and impoundments are considered under the lakes criteria.</p> <p><b>3.3.1.2 LAKES PERFORMANCE STANDARDS.</b></p> <p>Water levels in lakes shall not deviate from the normal rate and</p>					
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					<p>range of fluctuation, to the extent that: Water quality, vegetation, or animal populations are adversely impacted; Flows to downgradient watercourses are adversely impacted; and/or Recreational use or aesthetic qualities of the water resource are adversely impacted.</p> <p><b>3.3.1.3 STREAMS PERFORMANCE STANDARDS.</b></p> <p>a. Flow rates shall not deviate from the normal rate and range of fluctuation to the extent that water quality, vegetation, and animal populations are adversely impacted in streams and estuaries.</p> <p>b. Flow rates shall not be reduced from the existing level of flow to the extent that salinity distributions in tidal streams and estuaries are significantly altered as a result of withdrawals.</p> <p>c. Flow rates shall not deviate from the normal rate and range of fluctuation to the extent that recreational use or aesthetic qualities of the water resource</p>					
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						are adversely impacted.					
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