		ATER LEVEL CONTROL OF SMITH/BYBEE LAKES gested by Smith/Bybee Technical Advisory Committee	- Page 1						
Favorable	Inundation Drawdown Period Drawdown Period	Jan. Feb. March April May June July	Aug. Sept. Oct. Nov. Dec.						
Hydrology (no flow from slough)		RAINFALL DRY PERIOD RAINFAL							
Fish (target species is LG Bass)		[Critical Period ¹]	encer place dave which which there place that the						
Mosquito Control		high water levels	page page page page page page page page						
(<u>Aedies</u> v.) Shorebirds	·		sus sus our our our our our our our						
Waterfowl		breeding period ³	නාය නිය නිය නිය නිය නිය නිය නිය නිය නිය						
Avian Botulism		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							
Herptiles	(To be discussed.)								
Mammals	(To be discussed.)								

¹ 2 to 4 ft. of water over fairly firm substrate for spawning; any drawdown in this period may strand fry.

² Drawdown water level should be sufficient to create mudflats for migratory species.

³ No significant or quick change in water levels during nesting period.

⁴ Rapid drawdown and temperatures > 25°C create conditions favorable for bacterial growth (i.e. fish stranding).

OPTIMUM WATER LEVEL CONTROL OF SMITH/BYBEE LAKES - Page 2 Suggested by Smith/Bybee Technical Advisory Committee

	<u>Jan.</u>	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Favorable Inundation Period				,				·			* #	
Vegetation - Control Reed Canarygrass ¹		anenna an tara daraharan wa				<u></u>						al and a state of the
Purple Loosestrife			. ****		54 - 94 - 94 - 94 - 94 - 94 - 94 - 94 -		****					
Smartweed (P. coccineum)		more information needed ~~~~~~~~~~										
Vegetation - Enhancement Wapato			-	nen den konstanten er konst	an a			· . ·				•
Pacific willow (S. lasiandra)	¢					•	~ ~ ~	~~~~~	~`~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	.		
Ash (F. latifolia)							~~~~	~~~~	~ ~ ~ ~ ~	~		
Sedges (edge emergents)	gents) Water surface level determines distribution.											
Water Quality		a) In minimizing increases in the rate of eutrophication, water surface level is less determinant than introduction of an external source of water lower in nutrients. Take advantage of freshets in Columbia and Willamette Rivers.										
	b)											
Recreation								r		U V		
Wildlife Observation								~ ~	، سر سر سر	~~~~	<u> </u>	
Boating								1				

¹ Shade and depth of inundation is also a factor in control.

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