

# Dispersed Water Management Lykes Nicodemus Slough



<b>Location:</b>	Glades County
<b>Subwatershed:</b>	Fisheating Creek
<b>Basin:</b>	Nicodemus Slough North
<b>Purpose:</b>	Capture/detain surface water from Lake Okeechobee when excess discharges from Lake Okeechobee flow to tide or may cause harm to the Caloosahatchee Estuary and/or Saint Lucie Estuary.
<b>Project Operation Start:</b>	January 2015
<b>Considerations/Update:</b>	The SFWMD entered into an agreement with Lykes Brothers, Inc. in 2011 for development and implementation of a dispersed water management (DMW) project on roughly 14,000 acres of privately-owned lands known as Nicodemus Slough. The agreement is valued at \$28.7 million and allows up to eight (8) years of project operation. It is based on a lease of lands, approximately \$2.3 million per year, and reimbursement of operation and maintenance (O&M) costs. The Project consists of two (2) pump stations (PS-1 and PS-2), each with a capacity of 270 cubic feet per second (CFS) and three (3) internal basins for retaining direct rainfall and accepting surface water from Lake Okeechobee via Culvert 5 when the Lake stage is above the Low sub-band of the 2008 LORS. The agreement expires January 2023.

Parameter	2011 LOWCP Update	Proposal	Built/Observed (2015 – 2019)	Comments
Project Area (acres)	16,129	13,943	13,943	Design/built/observed project excludes Nicodemus Flowage Easement
Annual TP removal (mt/yr)	9.2	N/A	N/A	N/A
Annual storage (ac-ft/yr)	33,860	33,860	43,600	Includes pumped volumes and on-site rainfall retention
Planning, design, engineering & permitting	NA	NA	\$830,413	
Construction Cost	NA	\$7,200,000	\$5,057,428.62	
Annual Average O&M	NA	NA	\$400,000	Estimated annual cost but not to exceed \$2,796,334.38 over the life of the contract
Lease Payment	NA	NA	\$19,962,556	\$150 per acre per year subject to annual increases based on the CPI or 3% which ever is greater