Item Number 11

Supporting Document 3

Lake Aeration System Project
Overview and Detailed Maps

November 18, 2020
Figure 3: Lake aeration system project overview and detailed maps

Source: SANGIS 2017; PACE 2020
Figure 3: Lake aeration system project overview and detailed maps

- Private Access Road
- 0.5-inch Aeration hoses
- Self-weighted air diffusers
- Lake San Marcos
- Via Risa
- Caminito Aguar
- Proposed power line
- Review Area

Project Components:
- Valve Box
- North Aeration System
- Aeration Line
- Aeration Weighted Hose

USACE Resources:
- Wetland Waters of the US
- WET-1
- Non-wetland Waters of the US
- NWW-1/NWW-2
- NWW-3

SOURCE: SANGIS 2017; PACE 2020

ATTACHMENT B
North Aeration System Detail Map
Lake San Marcos Aeration Project
Proposed aeration line to span NWW-2 via existing pedestrian bridge

Existing dock to launch boats for in-lake installation of aeration hoses and diffusers

Proposed power line

0.5-inch Aeration hoses

Self-weighted air diffusers

See photos

See detail

Review Area

Project Components

Compressors

Valve Box

North Aeration System

Aeration Line

Aeration Weighted Hose

South Aeration System

Aeration Line

Alternate South Aeration Line

Aeration Weighted Hose

USACE Resources

Wetland Waters of the US

WET-1

Non-wetland Waters of the US

NWW-1/NWW-2

NWW-3

SOURCE: SANGIS 2017; PACE 2020

ATTACHMENT B
South Aeration System Detail Map