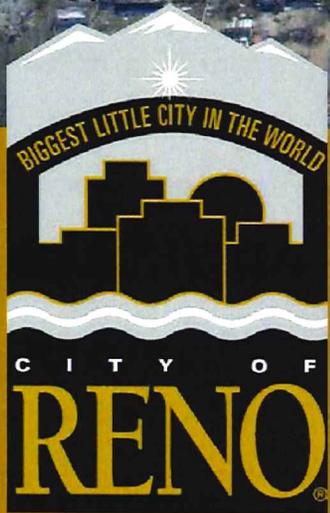


The attached document was submitted to the
Washoe County Board of Commissioners during
the meeting held on August 6, 2019.
by City of Reno
for Agenda Item No. 5(2)
and included here pursuant to NRS 241.020(8).



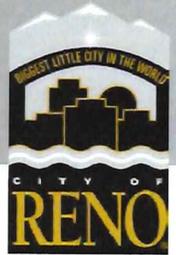
Irrigation Project - Swan Lake to American Flat Property

Washoe County Board of Commissioners,
Reno City Council, Reno Tahoe Airport Authority
August 6, 2019

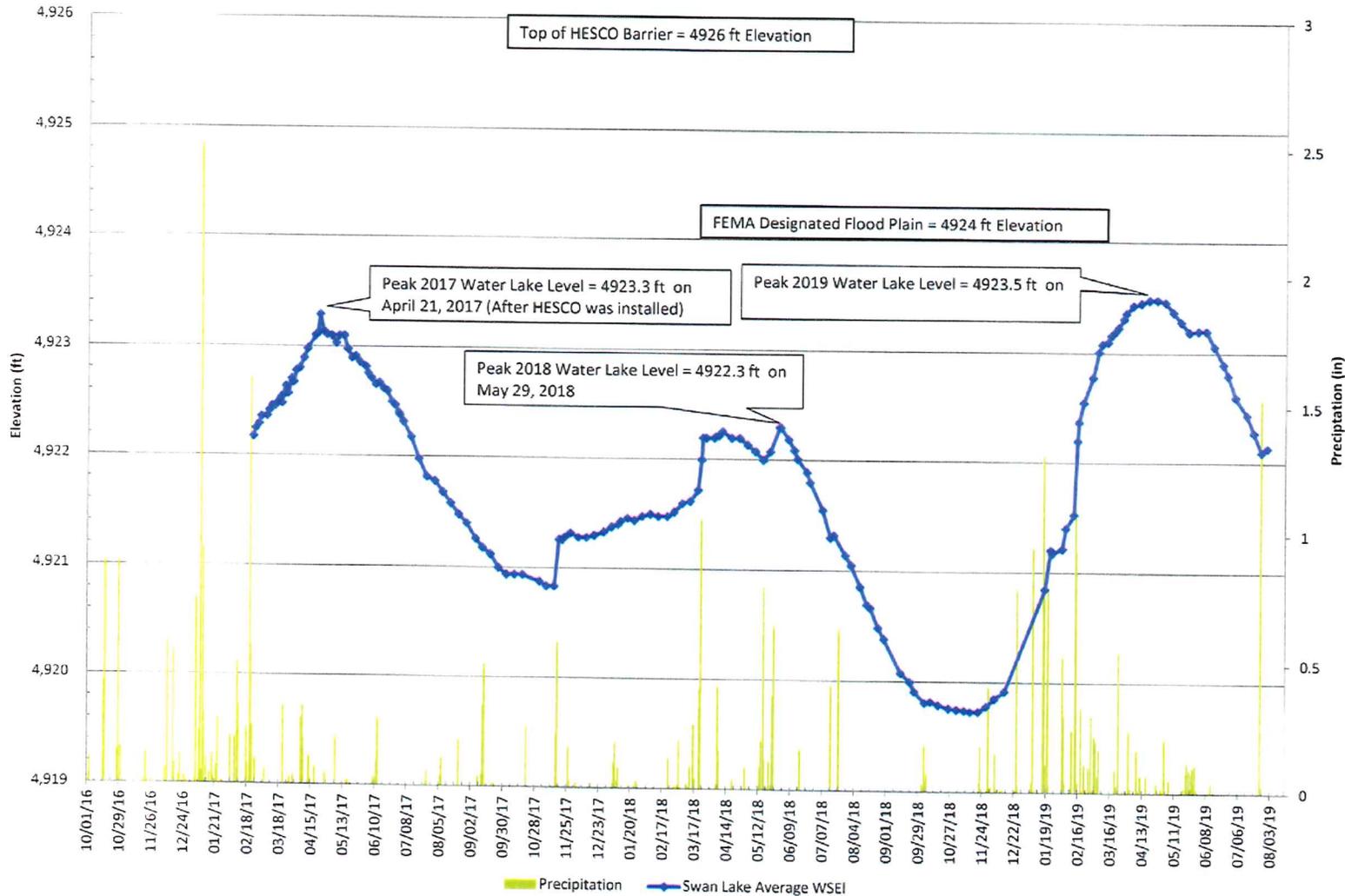
5.2

BCC Concurrent 8-6-19
City of Reno 5(2)

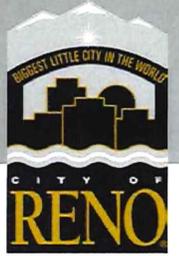
Swan Lake Status Update



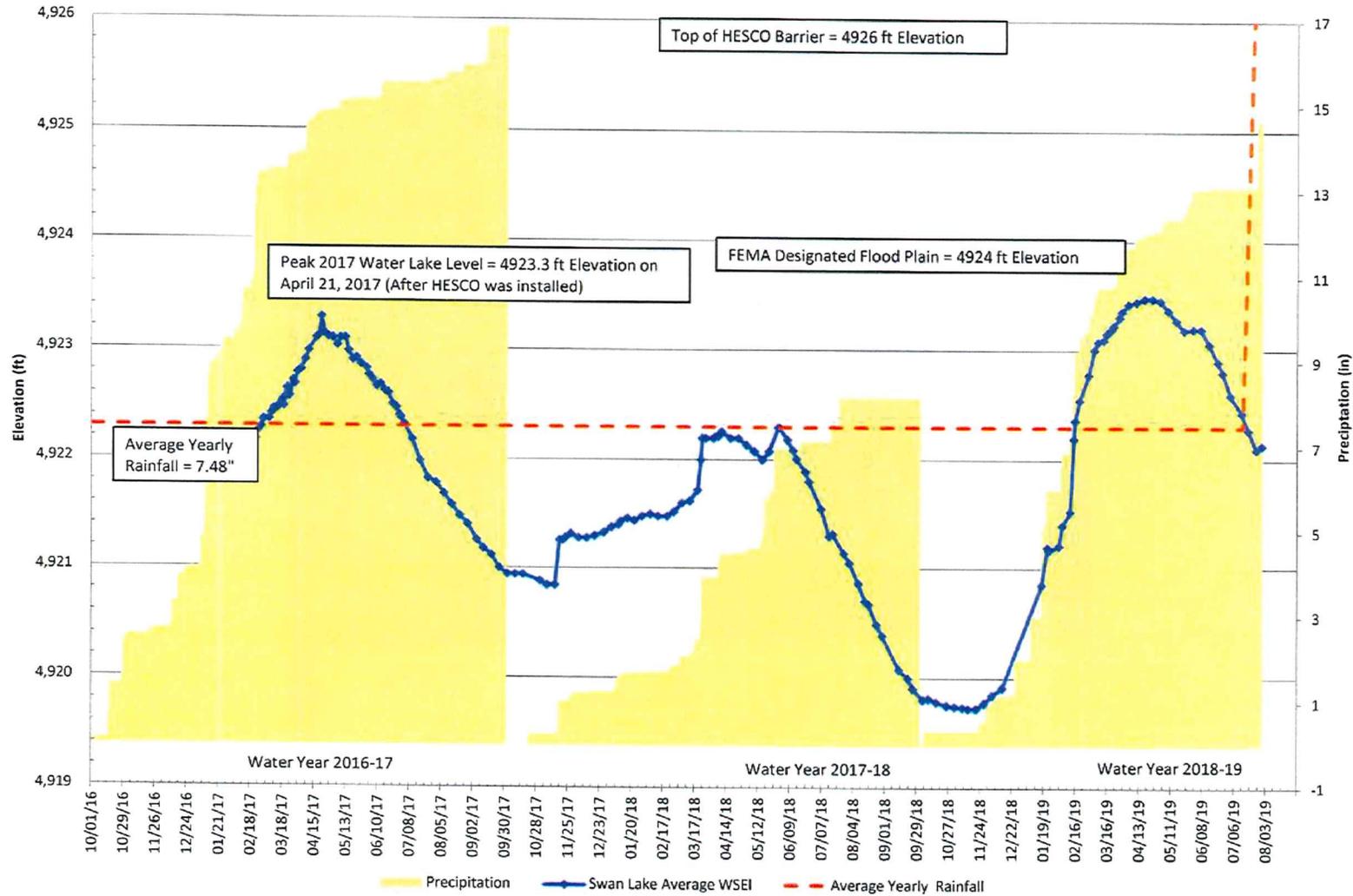
Swan Lake Water Elevations 2017-19



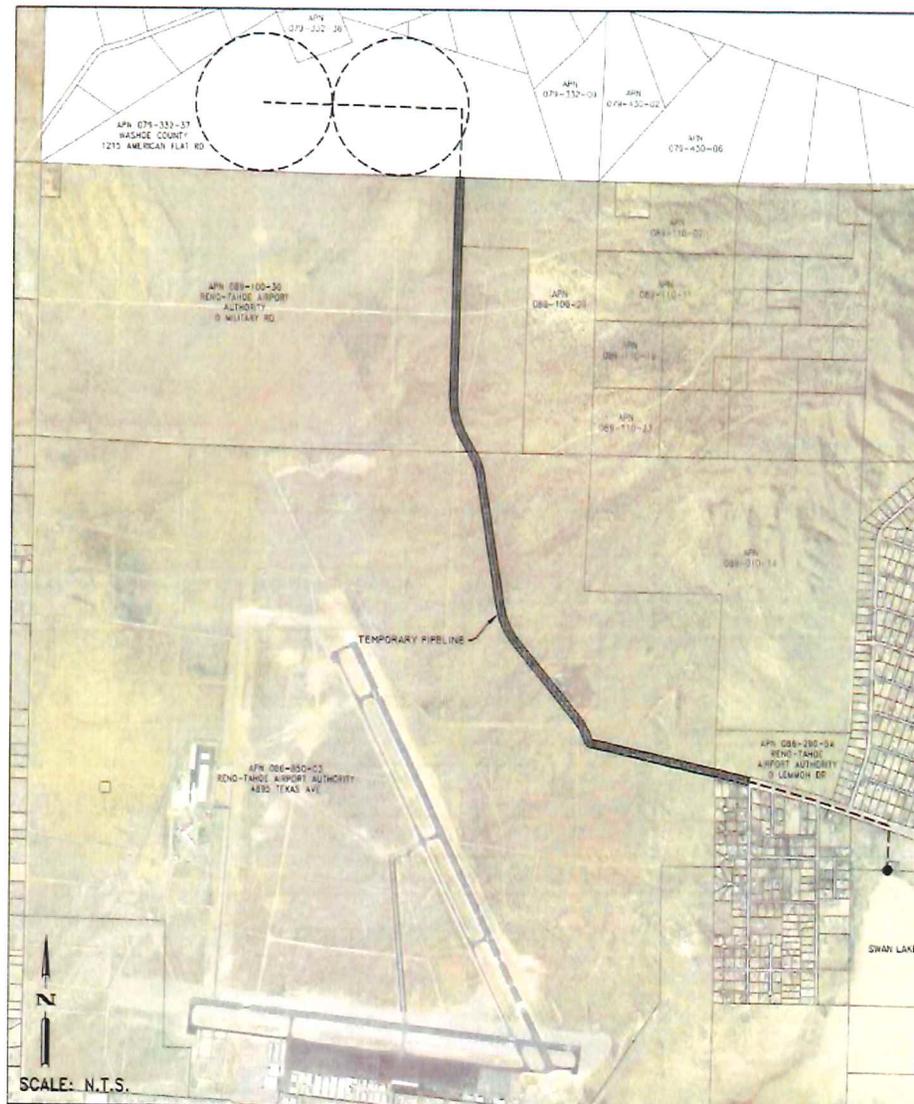
Swan Lake Status Update



Swan Lake Water Elevations 2017-19

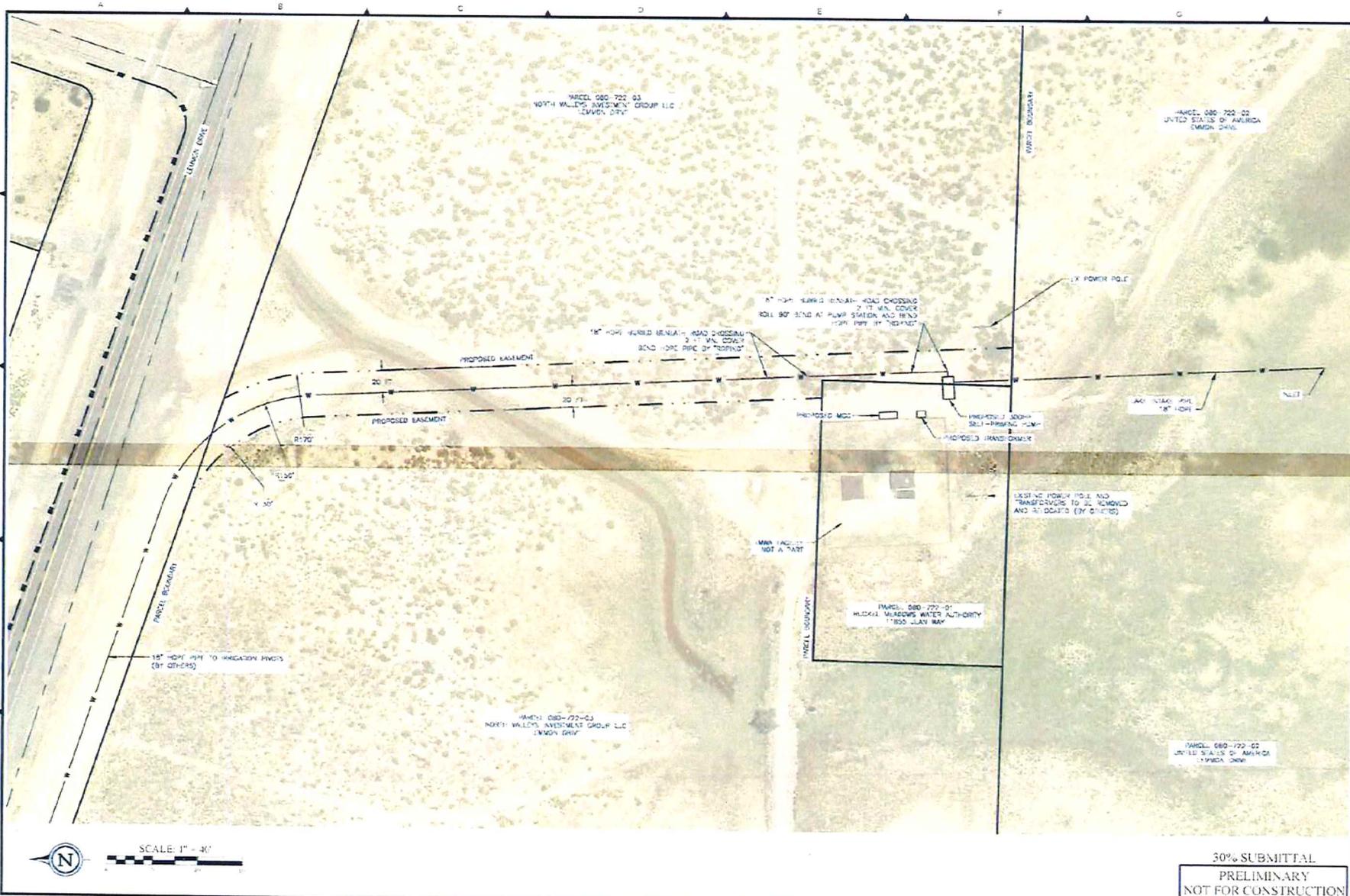


Pipeline Alignment



 CITY OF RENO DEPARTMENT OF PUBLIC WORKS CAPITAL PROJECTS 1 E. 1ST STREET, 6TH FLOOR PO BOX 1950 RENO, NV, 89503 PHONE: (775) 334-2548	EXHIBIT A RIGHT OF ENTRY/HOLD HARMLESS PROPERTY	
	DATE: JULY, 2019	SHEET: 1 OF 1

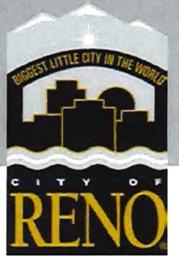
ALL DIMENSIONS SHOWN ON THIS PLAN ARE BASED ON THE MOST RECENT AERIAL PHOTOGRAPHY AVAILABLE TO THE ENGINEER. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE PROJECT AREA AND HAS FOUND NO DISCREPANCIES BETWEEN THE AERIAL PHOTOGRAPHY AND THE FIELD SURVEY. THE ENGINEER HAS NOT CONDUCTED A FIELD SURVEY OF THE PROJECT AREA. THE ENGINEER HAS NOT CONDUCTED A FIELD SURVEY OF THE PROJECT AREA.



50% SUBMITTAL
 PRELIMINARY
 NOT FOR CONSTRUCTION

FAIR WEST ENGINEERING 2051 SOUTH MAIN STREET, SUITE 100 LAS VEGAS, NV 89102 PHONE: (702) 735-0100 FAX: (702) 735-0101 WWW.FAIRWESTENGINEERING.COM		DATE: _____ BY: _____ CHECKED: _____ DESIGNED: _____ APPROVED: _____ TITLE: _____
CITY OF RENO SWAN LAKE TEMPORARY PUMPING FACILITY INTAKE AND PUMP STATION GENERAL LAYOUT WASHINGTON COUNTY NEVADA	SHEET NUMBER EX2 OF 2	PROJECT NO.: 1801 DATE: 08/14/2018 DRAWN BY: J. J. JENSEN CHECKED BY: J. J. JENSEN SCALE: AS SHOWN

Water Quality – Regulatory Input



- NDEP – No Bureau of Water Pollution Permits required if using lake water.
- WCHD – Water quality tested on a regular basis for bacteria levels; no adverse effect on public health.
 - Recommend to continue sampling and testing.
 - Provides aeration and reduces mosquito habitat.

The attached document was submitted to the
Washoe County Board of Commissioners during
the meeting held on AUGUST 6, 2019.
by OSCAR DELGADO
for Agenda Item No. 5.2
and included here pursuant to NRS 241.020(8).



Ashley Turney <turneya@reno.gov>

Fwd: Swan and Silver Lake

1 message

Reno <delgadoo@reno.gov>
To: Ashley Turney <turneya@reno.gov>

Tue, Aug 6, 2019 at 4:14 PM

FYI

Sent from my iPad

Begin forwarded message:

From: "Dick, Kevin" <KDick@washoecounty.us>
Date: August 6, 2019 at 8:57:25 AM PDT
To: "Delgado, Oscar" <delgadoo@reno.gov>
Subject: RE: Swan and Silver Lake

We discontinued our sampling of Swan Lake in 2017 because it continued to show it met recreational water quality standards. The county has continued to sample Swan Lake due to complaints regarding the effluent discharge from the treatment plant. We have a new batch of sample results they are submitting for our review. To date the samples have continued to demonstrate that the water meets recreational standards. We also ceased sampling in Silver Lake in 2017 because the samples continued to indicate it met recreational standards. Staff are looking into whether the County is conducting any sampling at Skiver Lake at this time. I'm not aware that they are.

Residents have made complaints regarding water quality and smell for several years, but our data hasn't indicated there is a problem.

Kevin Dick

District Health Officer | Washoe County Health District

kdick@washoecounty.us | (775) 328-2416 | 1001 E. Ninth St., Bldg. B, Reno, NV 89512



From: Delgado, Oscar
Sent: Monday, August 5, 2019 5:53 PM
To: Dick, Kevin
Subject: Swan and Silver Lake

[**NOTICE:** This message originated outside of Washoe County -- **DO NOT CLICK** on **links** or open **attachments** unless you are sure the content is safe.]

Do we check the water quality in Swan and Silver lake? People are suggesting that the water stinks and is bad.

Oscar

Sent from my iPad



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transmission and its attachments without reading or saving in any manner. Thank you.

The attached document was submitted to the
Washoe County Board of Commissioners during
the meeting held on AUGUST 6, 2019.
by DWAYNE SMITH
for Agenda Item No. 5.2
and included here pursuant to NRS 241.020(8).

**WASHOE COUNTY
HEALTH DISTRICT**

ENHANCING QUALITY OF LIFE

DATE: July 10, 2019

TO: Dave Solaro, Recovery Director, North Valleys Flood 2017 and Interim County Manager

FROM: James English, Environmental Health Supervisor

EC/CC: Dwayne Smith, Community Services Department
Dylan Menes, Community Services Department
Ben Jesch, Community Services Department

SUBJECT: Swan Lake Aeration/Evaporation Project

The Washoe County Health District (WCHD) has met with Washoe County Community Services Department (CSD) regarding various ways to mitigate or possibly artificially reduce the level of Swan Lake within Lemmon Valley Nevada. One such option being investigated is the evaporation through industrial misters.

The WCHD has reviewed this option as proposed and does not see it as having any adverse effects on public health or the environment. Currently Swan Lake's water quality is tested on a regular basis for bacteria levels and no results have shown water quality unsafe for human contact or recreation. WCHD concurs with the Nevada Division of Public and Behavioral Health (DPBH) that possible aeration of algae, whether viable or not through the misters will also not have an adverse effect on public health or the environment. WCHD would be supportive of the aeration option as it will help reduce water levels, possibly reduce mosquito habitat and also provide for some additional movement and aeration of the water thus possibly reducing algae blooms.

WCHD recommends CSD move forward with a pilot test using misters at the lake for additional evaporation. During such testing, water quality sampling should continue and if possible a sample should be collected from a mister to compare to actual lake levels. WCHD also recommends CSD come up with a plan to stop or halt aeration through misters if indeed the lake's water quality deteriorates to levels which are unsafe for human contact.

WCHD will continue to provide input and review water quality test results or operational plans as requested by CSD for the basis of protecting public health and the environment if requested.

ENVIRONMENTAL HEALTH SERVICES

1001 East Ninth Street, Building B, Reno, Nevada 89512

775-328-2434 | Fax: 775-328-6176 | washoecounty.us/health

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Public Health