

IN THE OFFICE OF THE STATE ENGINEER
OF THE STATE OF NEVADA

SE	'S EXHIBITS 24
DATE: _____	

IN THE MATTER OF PROTESTED APPLICATION)
80700 FILE BY THE NATIONAL FISH AND)
WILDLIFE FOUNDATION TO CHANGE THE PLACE)
USE AND MANNER OF USE OF THE DECREED)
SURFACE WATER OF THE WALKER RIVER,)
MASON VALLEY HYDROGRAPHIC BASIN (108))
LYON COUNTY, NEVADA.)

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**Outline of Witness Testimony for
Mr. Paul Hamai, Natural Resources Consulting Engineers, Inc.**

Mr. Paul Hamai is employed by Natural Resources Consulting Engineers, Inc. (NRCE), a contractor to the Bureau of Indian Affairs (BIA) that provides technical assistance to the BIA relating to the hydrology of the Walker River, generally, as well as technical surface water administration issues under the Walker River Decree. At BIA's request, Mr. Hamai developed a spreadsheet accounting system to track water approved for non-diversion under Application 80700 from the Yerington Weir through the Walker River Indian Reservation (Reservation) to Walker Lake. The accounting system is based on and implements the draft Program Water Conveyance Accounting Protocols that BIA understands the National Fish and Wildlife Foundation and the Walker River Paiute Tribe are filing in this evidentiary exchange. BIA is filing the spreadsheet accounting system, along with a narrative description that is substantially similar to the draft protocols. Mr. Hamai will explain in detail the functions and features of the spreadsheet accounting system and will demonstrate its performance. An outline of Mr. Hamai's testimony is provided below.

1. General Overview of Spreadsheet Accounting Tool

- a. Purpose
- b. Features and Conventions
 - i. Beginning and Ending Points
 - ii. Data Input /Future Data
 - iii. Previous Day Accounting
- c. Schematics

2. Page by Page Overview of Spreadsheet

- a. Page 'Input'
 - i. Gage flow and other data
 - ii. Program Water at Yerington Weir and Weber Reservoir operation data
- b. Page 'Weber Operation'
 - i. Program Water storage
 - ii. Targeted releases
 - iii. Release calculations
- c. Page 'Daily Calculations'
 - i. Reach A: Yerington Weir to Wabuska
 - ii. Reach B: Wabuska Gage to Weber Reservoir
 - iii. Reach C: Weber Reservoir
 - iv. Reach D: Weber Reservoir to Little Dam
- d. Page 'Summary'
 - i. Program Water

ii. Non-Program Water

e. Page 'Annual'

i. Recording of daily values

ii. Cumulative totals

iii. Last daily value