

A. D. EDMONSTON, STATE ENGINEER
CHIEF OF DIVISION

EARL WARREN
GOVERNOR OF CALIFORNIA

FRANK B. DURKEE
DIRECTOR

STATE OF CALIFORNIA
Department of Public Works
SACRAMENTO

ADDRESS REPLY TO
DIVISION OF WATER RESOURCES
PUBLIC WORKS BUILDING
P. O. BOX 1079
SACRAMENTO 5

Applications 5169, 6534
Permits 5286, 5287

ADDENDUM INSPECTION REPORT

Covering Third Inspection

Made by: A. S. Wheeler

Made on: November 24, 1952

Permittee:
Washo County Water Conservation District

To the State Engineer
Sacramento, California

Dear Sir:

There follows a report of the inspection made on November 24, 1952 of the project covered by Permits 5286 and 5287 which supplements previous reports by the writer.

Most of the information contained in the report was supplied by Chester C. Taylor, engineer-manager of the District, and by W. L. Bell, Truckee River Watermaster.

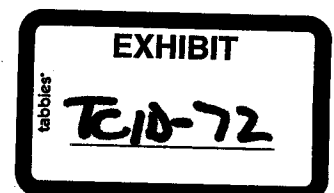
Permittee has requested license action.

DIVERSION SYSTEM

There has been no change since the previous report.

PLACE OF USE

The place of use remains as previously reported.



STORAGE

Diversion to storage has extended from October 1 to July 1 altho it usually extends from about February 15 to about June 15.

Appended to this report are hydrographs of reservoir operations for the years of 1951 and 1952.

From the hydrograph it will be noted that the reservoir was filled to capacity during the 1951-1952 storage season.

Re-storage under Permit 5287 has extended from October 1 to July 1. When waters released from Independence Lake and temporarily stored in Boca are taken into consideration it appears that there has been little re-storage accomplished.

The hydrographs indicate that, during the season of use covered by Permit 5286, releases of stored waters in 1952 totaled ³⁹⁶⁵²~~30682~~ acre-feet. *Adler*

USE OF WATER

The use of water on the project is for domestic and irrigation purposes under Permit 5286 from March 15 to November 15 and for domestic, stock-watering and irrigation purposes under Permit 5287 from January 1 to December 31.

The season of maximum use during the 3 year period immediately preceding the date of this inspection was during 1952.

As previously shown in this report releases from Boca Reservoir during the season of use covered by Permit 5286 totaled ³⁹⁶⁵²~~30682~~ acre-feet *Adler*
¹¹⁹⁸~~2168~~ which is ~~2168~~ acre-feet less than the amount covered by the permit.

However, the full amount covered by the permit could and would have been used from the reservoir in 1952, and in certain previous years, were it not for the manner in which the flow in the Truckee River is regulated by a federal watermaster who releases waters from Lake Tahoe in lieu of Boca waters at such times as he deems it necessary. Under the circumstances the permittee has little, if any, control over releases from Boca Reservoir.

The rights to the waters of the river have been adjudicated by the federal courts and administration is by an agreement which specifies that the flow in the river below Boca be maintained at a minimum of 500 cfs and that the watersurface elevation of Lake Tahoe be maintained between certain specified limits. This results in releases from Boca Reservoir being denied at such times as, within the judgement of the Watermaster, releases from Lake Tahoe are required to prevent violation of the agreement. In consequence the permittee is forced to use lake waters in lieu of Boca waters altho permittee may desire to use Boca waters. Under the circumstances it is believed that the in lieu releases from the lake could be credited to Boca Reservoir and that the full 40850 acre-feet covered by Permit 5286 may be considered as having been beneficially used within the period of use covered by the permit.

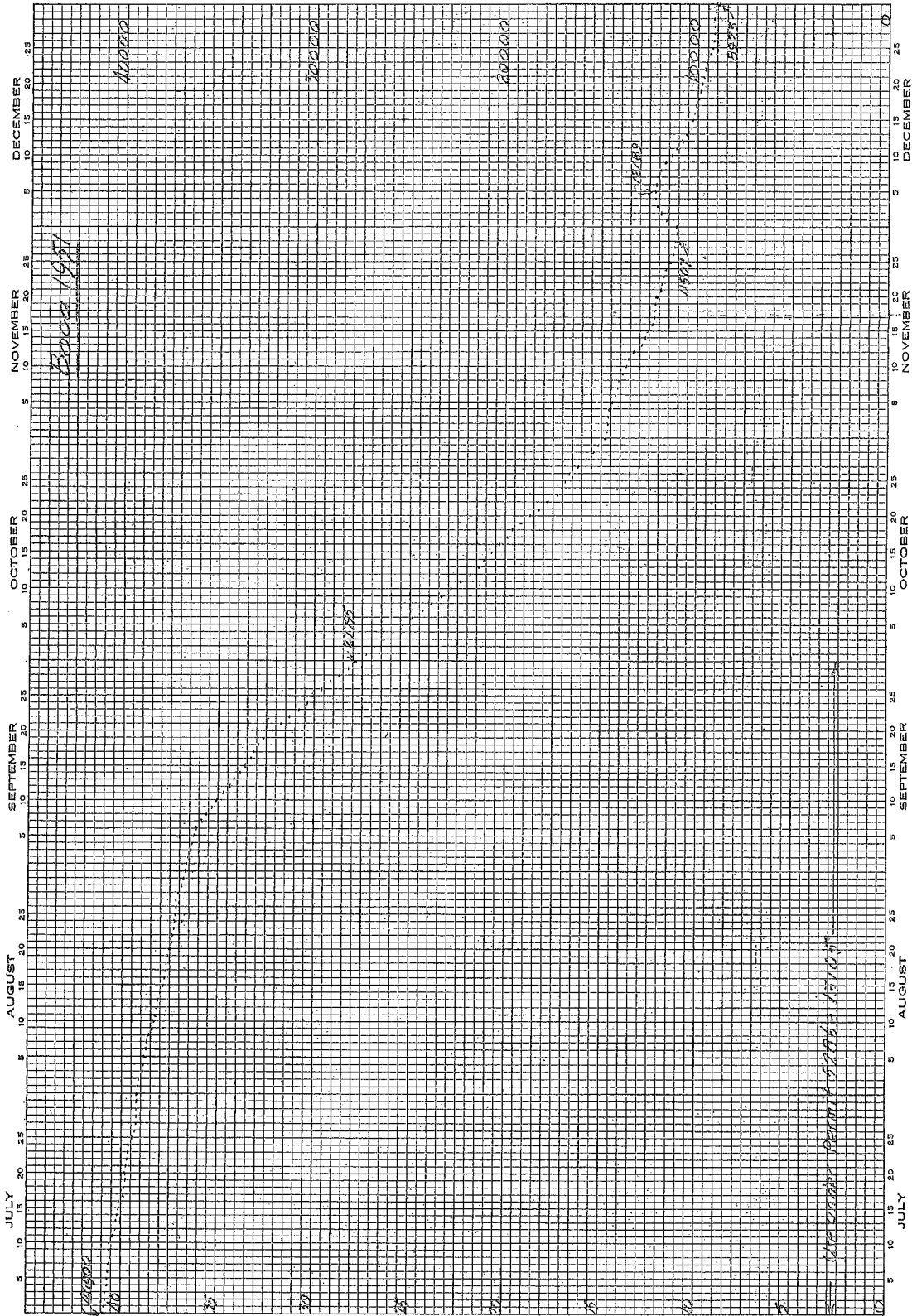
In so far as Permit 5287 is concerned, which covers re-storage in Boca Reservoir to the extent of 19150 acre-feet, it appears that the

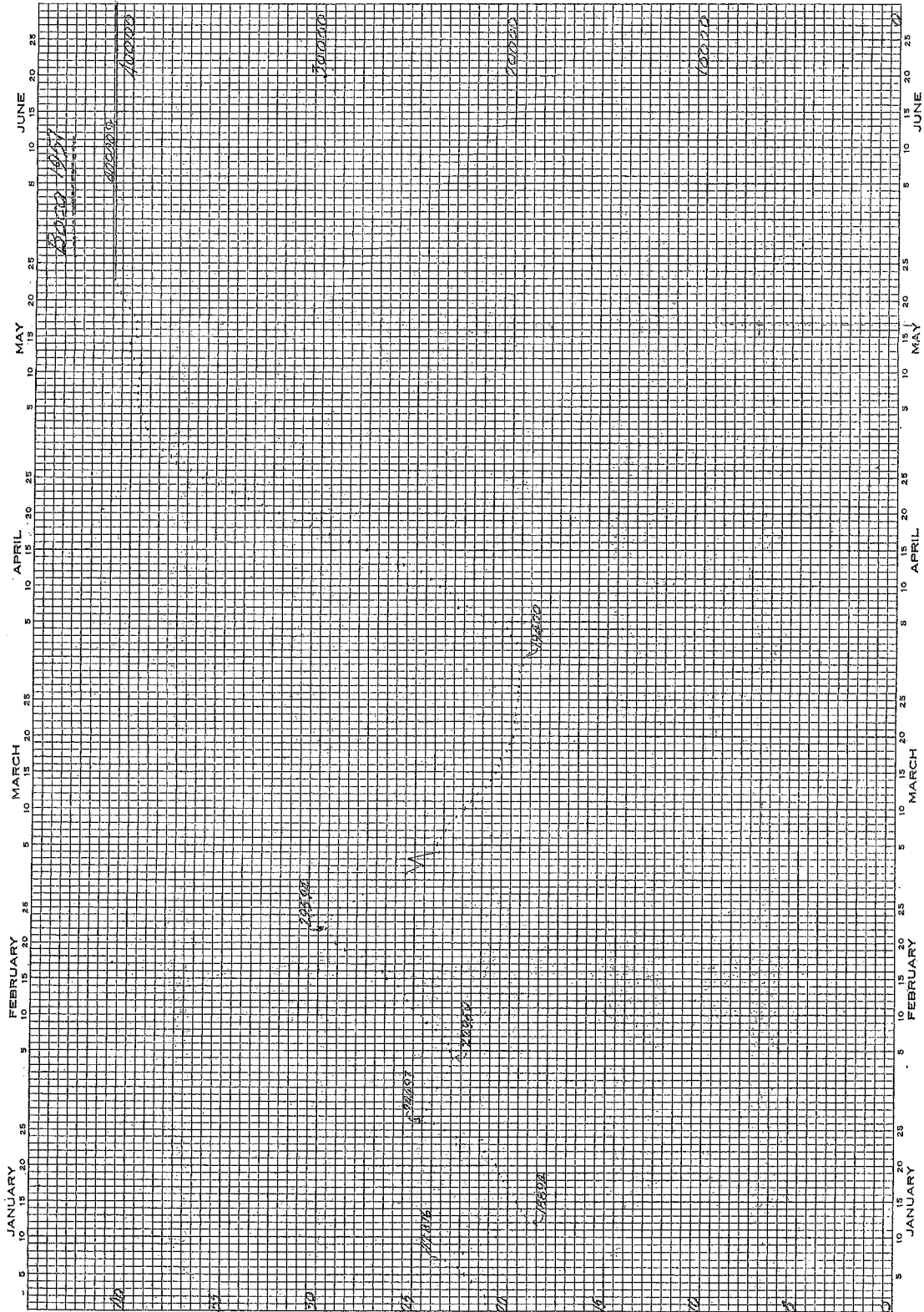
Order
maximum re-storage in the 3 year period immediately preceding the
date of this inspection occurred during the 1951-1952 storage season
and was to the extent of ¹¹⁹⁸~~2412~~ acre-feet. It therefore appears that
license consideration in connection with Permit 5287 was not, for the
present, in order.

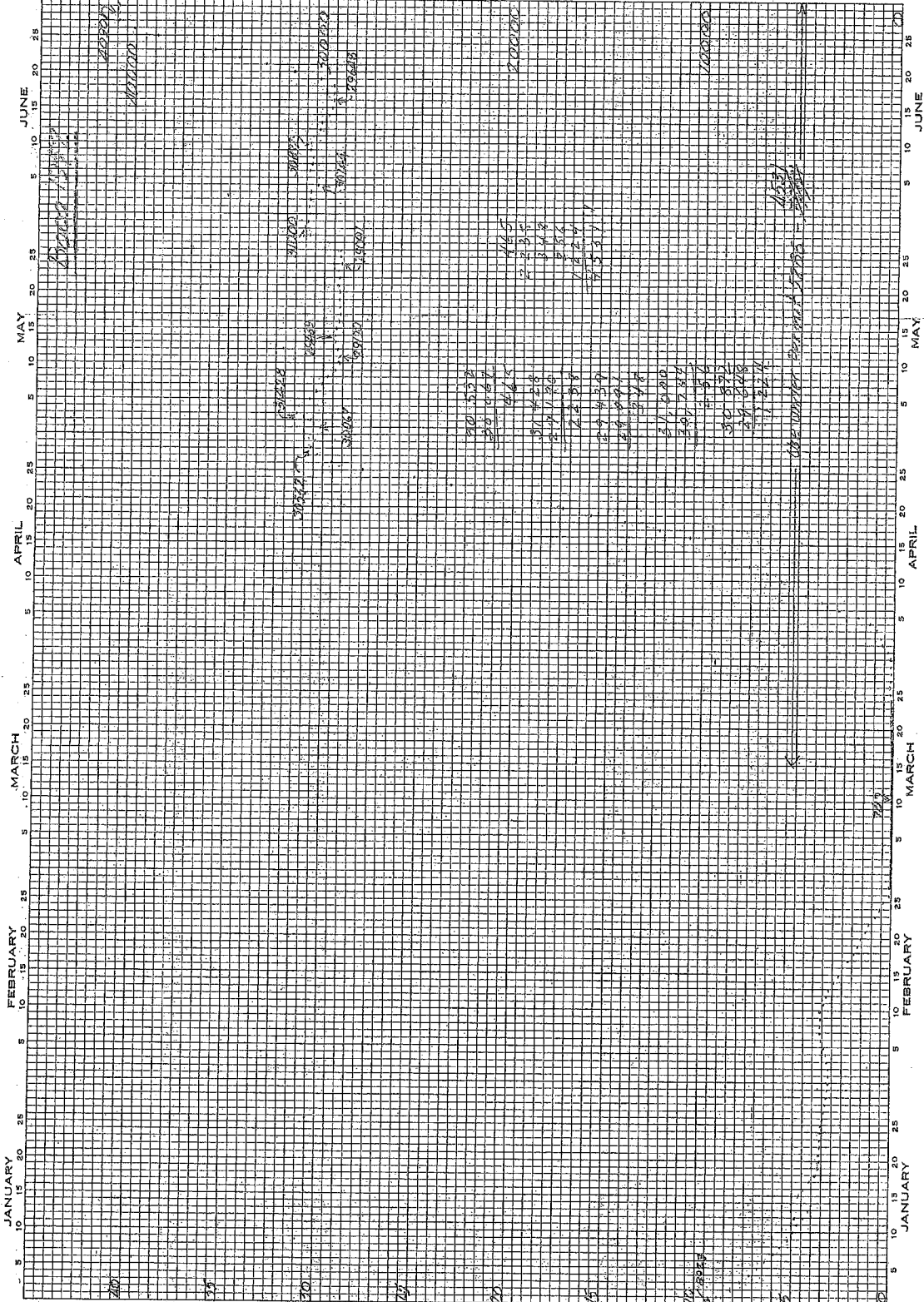
Respectfully submitted,


Senior Hydraulic Engineer

March 25, 1953







KEUFFEL & ESSER CO., N. Y. NO. 368-1371
 Six months by day, 24h. to time
 150 days x 3 (per month) divisions.
 MADE IN U.S.A.

