

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

RESERVOIR INVESTIGATION
Reservoir ID No. 1771

Date of Inspection: September 9th, 2011

Investigation by: Jeff Wetzel
Accompanied by: Cheri Gehrt
Person(s) Interviewed: Lucy Mann

Owner Information:

Name: Mann Robert C TR
Address: 29876 King Ridge Road, Cazadero CA 95421
Phone: (707) 847-3329

Property Information:

Location: 29670 King Ridge Road, Cazadero, CA 95421
County: Sonoma
Assessor's Parcel No: 109-310-002

Field Findings:

Source: Unnamed Stream tributary to Pepperwood Creek thence House Creek thence Wheatfield Fork Gualala thence South Fork Gualala thence Gualala River thence Pacific Ocean

Estimated flow: Unknown. The upstream tributaries were not accessible because the size and location of the reservoir. Water was not flowing out of the spillway.

Location: CCS 83 Zone 2, N 1,987,828 ft & E 6,216,937 ft (by GPS) within NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 20, T9N, R12W, MDB&M

Storage Facility: On-stream Reservoir

Dam height: 3.25 feet from the spillway to the dam lift. 65 feet from downstream toe to dam lift. The height was estimated based on a laser range finder survey of the dam.

Reservoir area: 13.4 acres. The area was estimated using GPS and on aerial photos of the reservoir.

Estimated reservoir volume: The standard small reservoir capacity factor (0.7) is not applicable given the site conditions. A visual inspection of the shoreline and reservoir configuration indicated a reservoir capacity factor that accounts for a shallow slope is more appropriate. If the reservoir capacity factor is reduced to 0.2 and the maximum depth of water is estimated at 68.25

C. Gehrt
10/21/11

feet the approximate volume is 183 acre-feet (depth x surface area x 0.2). However, the reservoir should be surveyed by a registered civil engineer to determine the actual capacity.

Visible upstream channel with bed and banks: Yes

Visible downstream channel with bed and banks: Yes

Is storage facility subject to SWRCB Permitting Authority? : (Y/N), explain. Yes. This reservoir has been built on an unnamed stream channel with defined bed and banks (upstream and downstream) and is subject to the permitting authority of the State Water Board.

Use of water: Stockwatering Use

Place of Use: Reservoir

Other Water Rights: None on parcel 109-310-002, however Robert Mann is the primary owner of License 444 for the purpose of agricultural use in Modoc County.

Alternative Supply Available: None at this time.

CONCLUSION AND RECOMMENDATIONS:

Based on the information gathered from this field inspection, the reservoir is storing water subject to the permitting authority of the State Water Resources Control Board (State Water Board). Since there are no existing rights authorizing this diversion to storage, the reservoir currently constitutes an unauthorized diversion of water.

The owner should be required to file a Statement of Water Diversion and Use (Statement) within 30 days of the notification. Division should consider the imposition of an Administrative Civil Liability (ACL) in the amount of \$1,000 for the failure to file a Statement for diversions that occurred after January 1, 2009.

The owner should also, within 45 days, submit to the Division for approval (1) an application or registration to appropriate water by storage together with a reservoir operation plan that demonstrates how the reservoir will be operated in compliance with the State Water Board's Instream Flow Policy or (2) a plan showing how the reservoir will be rendered incapable of storing water subject to the State Water Board permitting authority.

It is within reason that Robert Mann is knowledgeable of California water rights because he is the primary owner listed on Water Rights License 444, in Modoc County. The Division should consider formal enforcement action without further notice.

It appears the capacity of the reservoir is greater than 50 acre-feet and therefore is within the jurisdiction of the California Division of Safety of Dams (DSOD). A check of DSOD records indicates DSOD is currently not aware of this reservoir. As a public hazard it is the Divisions responsibility to inform the DSOD.

MANN INSPECTION PICTURES: 9/9/2011



1. LOOKING SOUTHEAST OVER THE RESERVOIR.



2. LOOKING SOUTHEAST AT THE PORTIONS OF THE WATERSHED.



3. LOOKING NORTH TOWARDS THE DAM.



4. LOOKING WEST AT THE DAM.



5. LOOKING NORTH OVER THE DAM AND DOWNSTREAM.



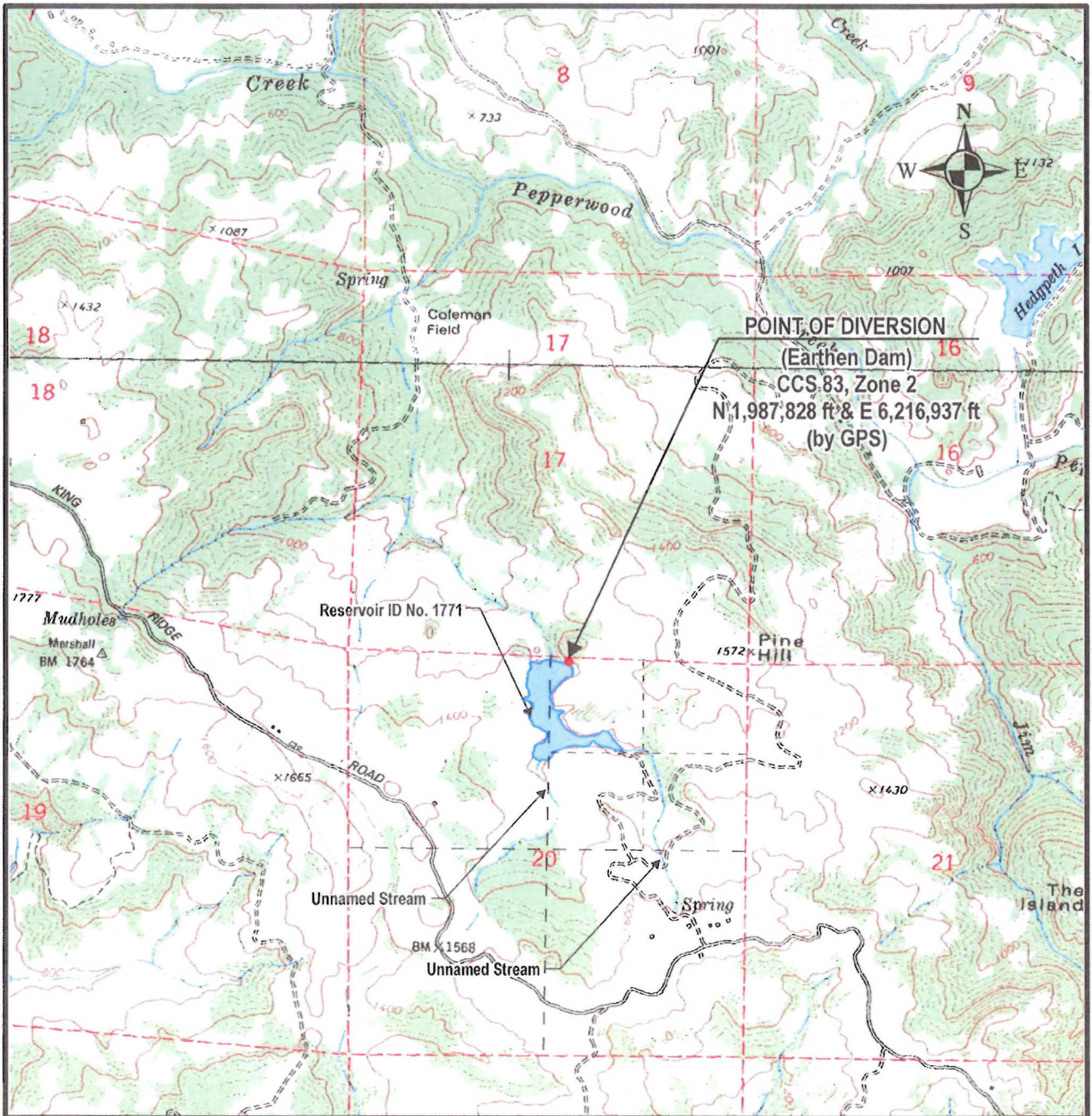
6. LOOKING EAST AT THE SPRING.



7. STOCK WATER TROUGH.



8. WATER TRUCK.



<p>OWNER MANN ROBERT C TR</p> <p>SOURCE UNNAMED STREAMS</p> <p>POINT OF DIVERSION</p> <p>WITHIN NW 1/4 OF NE 1/4</p> <p>SECTION 20, T9N, R12W, MDB&M</p> <p>COUNTY OF SONOMA</p> <p>U.S.G.S. QUAD: FORT ROSS DATE: 1978 SCALE: 1:24,000</p>	<p>STATE OF CALIFORNIA CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER RIGHTS</p> <p>RESERVOIR ID No. 1771</p> <p>ENFORCEMENT</p> <p>DATE: 10-6-2011 DRAWN: JW CHECKED: Am</p>
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Note: This map does not constitute a public land survey as defined by California Business & Professions Code section 8726. It has been prepared for descriptive purposes only.