

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF SAFETY OF DAMS

INSPECTION OF DAM AND RESERVOIR IN CERTIFIED STATUS

Name of Dam Sinaloa Dam No. 1760 County Ventura
 Type of Dam Earth Type of Spillway Concrete drop inlet and auxiliary channel
 Water is 0.5 feet below spillway crest and 4.5 feet below dam crest.

Weather Conditions Clear, warm

Contacts Made Marco Tedesco and Matt Bancroft with Sinaloa Lake Owners Association

Reason for Inspection Periodic Maintenance Inspection

Important Observations, Recommendations or Actions Taken

1. Continue clearing the trees and woody vegetation along the toe of the dam to the fence line. The toe drain needs to be kept free of invasive roots.
2. The heavy vegetation growing in the approach and discharge channels of the auxiliary spillway must be cleared by November 1, 2020.
3. The outlet valve is routinely cycled during DSOD inspections. It was cycled satisfactorily during this inspection.

Conclusions

From the known information and visual inspection, the dam, reservoir, and the appurtenances are judged safe for continued use.

Observations and Comments

<u>Dam</u>	The unpaved crest was recently mowed and appeared level, with no signs of settlement, cracks, depressions, or erosion. Both the upstream and downstream slopes were uniform and free of erosion, woody vegetation, and signs of instability. Rodent activity appears to have been abated. The abutments appeared stable, with no evidence of erosion. Continue to keep a distance of 10 feet from the toe of the dam clear of trees and woody vegetation. There is a toe drain along the base of the dam which must be kept free of invasive roots.
<u>Spillway</u>	The drop inlet spillway and screen over the opening was unobstructed and appeared in satisfactory condition. The auxiliary spillway flows over a small embankment supporting a trail, onto the street, and presumably toward the golf course. All vegetation growing in the flow path needs to be cleared on a vigilant basis. The current vegetative growth in the flow path of the auxiliary channel must be cleared by November 1, 2020. This includes the approach and discharge sides of the channel.
<u>Outlet</u>	The 12-inch outlet valve was fully cycled satisfactorily. The grate adjacent to the valve control box houses the vent pipe. It was clear of debris.
<u>Seepage</u>	There was no sign of seepage on the downstream slope, the groins, and toe of the dam.
<u>Instr.</u>	There is no instrumentation at this dam and none is judged necessary at this time.

Photos taken? Yes No
 cc for Owner/Book

Electronic Signature:
 Philip Lee, PE
 Safety of Dams
 6/12/2020; 2:10 PM

Inspected by PW Lee
 Date of Inspection 5/13/2020
 Date of Report 6/1/2020

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Name of Dam Sinaloa

Dam No. 1760

Date of Inspection 5/13/2020



Continue to clear the trees from the toe of the dam to reduce the likelihood of roots clogging the toe drain



Drop inlet spillway, outlet valve control box, and vent.

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Dam No. 1760

Date of Inspection 5/13/2020



Clear the brush along both sides of the approach channel to the auxiliary spillway



Clear the brush in the discharge channel of the auxiliary spillway