

HISTORIC AMERICAN ENGINEERING RECORD

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BISHOP CREEK HYDROELECTRIC SYSTEM, HILLSIDE DAM

HAER CA-145-7

(South Lake Dam)

Spanning the South Fork of Bishop Creek

Bishop vicinity

Inyo County

California

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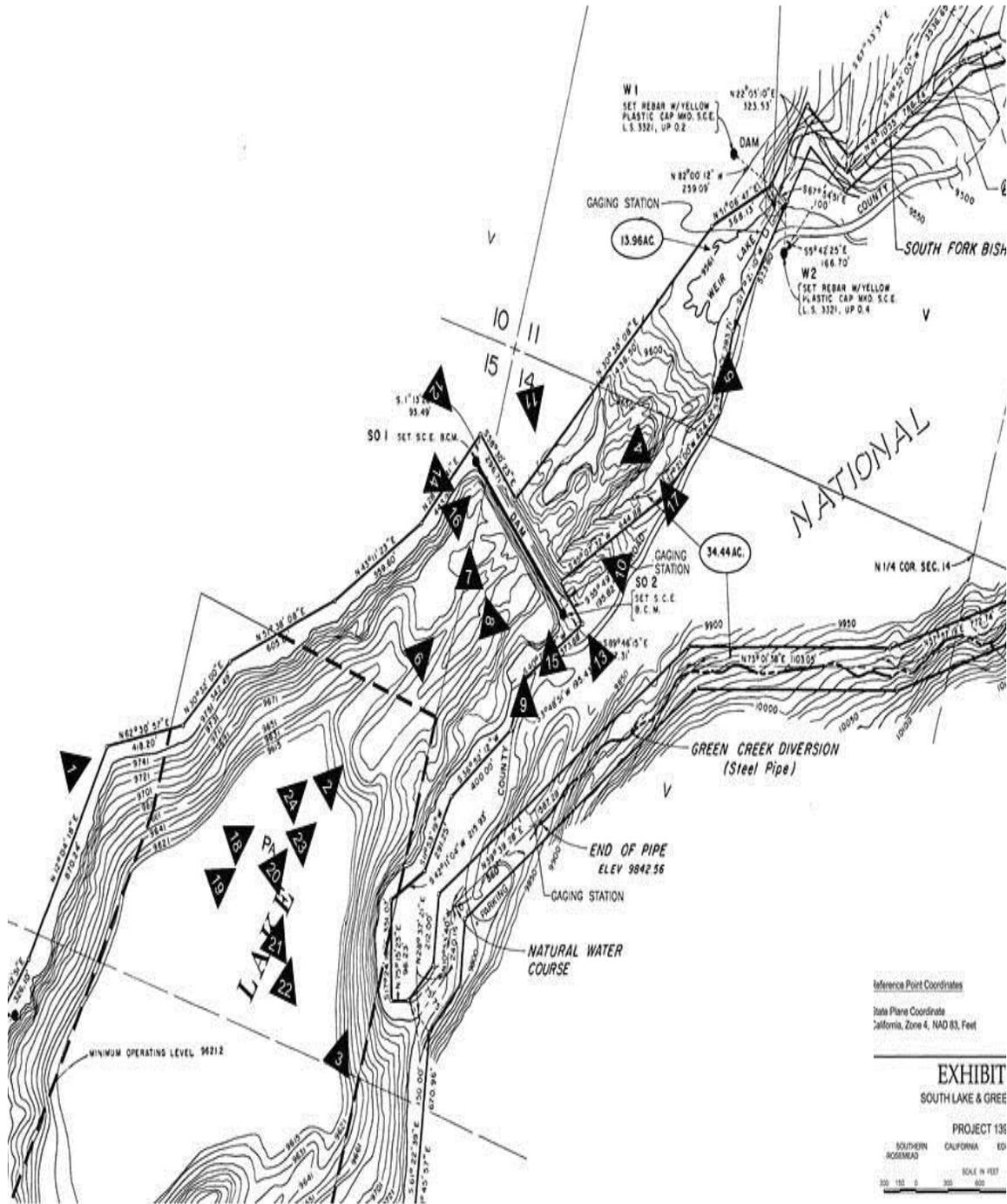
Jim Sanderson, photographer, April 2011

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| CA-145-7-1 | Context view of the south (upstream) elevation of Hillside Dam, looking northeast. |
| CA-145-7-2 | Context view of the south elevation of Hillside Dam, looking north. |
| CA-145-7-3 | Context view of the south elevation of Hillside Dam, looking northwest. |
| CA-145-7-4 | Context view of the north (downstream) elevation of Hillside Dam, looking south. |
| CA-145-7-5 | Context view of the north elevation of Hillside Dam, looking south. |
| CA-145-7-6 | General view of the south elevation of Hillside Dam, looking north. |
| CA-145-7-7 | Oblique detail view of the south elevation of Hillside Dam, looking northwest. |
| CA-145-7-8 | Oblique detail view of the south elevation of Hillside Dam, looking northeast. |
| CA-145-7-9 | Oblique general view of the south elevation of Hillside Dam, looking northwest. |
| CA-145-7-10 | Oblique general view of the north elevation of Hillside Dam, looking southwest. |

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- CA-145-7-11 Oblique general view of the north elevation of Hillside Dam, looking southeast.
- CA-145-7-12 General view along the top of Hillside Dam, looking east.
- CA-145-7-13 General view along the top of Hillside Dam, including the gauging station, looking west.
- CA-145-7-14 Detail oblique view along the top of Hillside Dam, looking east.
- CA-145-7-15 Detail oblique view of the rock abutment at the east end of Hillside Dam, looking west.
- CA-145-7-16 Detail view of the concrete trench and rock abutment at the west end of Hillside Dam, looking north.
- CA-145-7-17 General view of the outlet pipe and tunnel for Hillside Dam, looking northwest.
- CA-145-7-18 Overview of inlet, narrow gauge rails and terraced rock benches (presumably used for constructing inlet tunnel), looking northeast.
- CA-145-7-19 Detail view of narrow gauge rails at bottom of lake near inlet, (assumed they were used for excavating tunnel), looking northeast.
- CA-145-7-20 Oblique view of inlet taken from southwest of inlet, looking northeast.
- CA-145-7-21 General view of inlet, looking north. Inlet gate is approximately 6'-0" tall.
- CA-145-7-22 Detail up view of inlet, timber remnants and tiered rock bench above inlet, looking north.
- CA-145-7-23 Detail view of timber remnant and hardware scars.
- CA-145-7-24 Present general view of dam during installation of the new geomembrane facing, looking northeast.

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ADDENDUM TO
BISHOP CREEK HYDROELECTRIC SYSTEM,
HILLSIDE DAM
(South Lake Dam)
Bishop Vicinity
Inyo County
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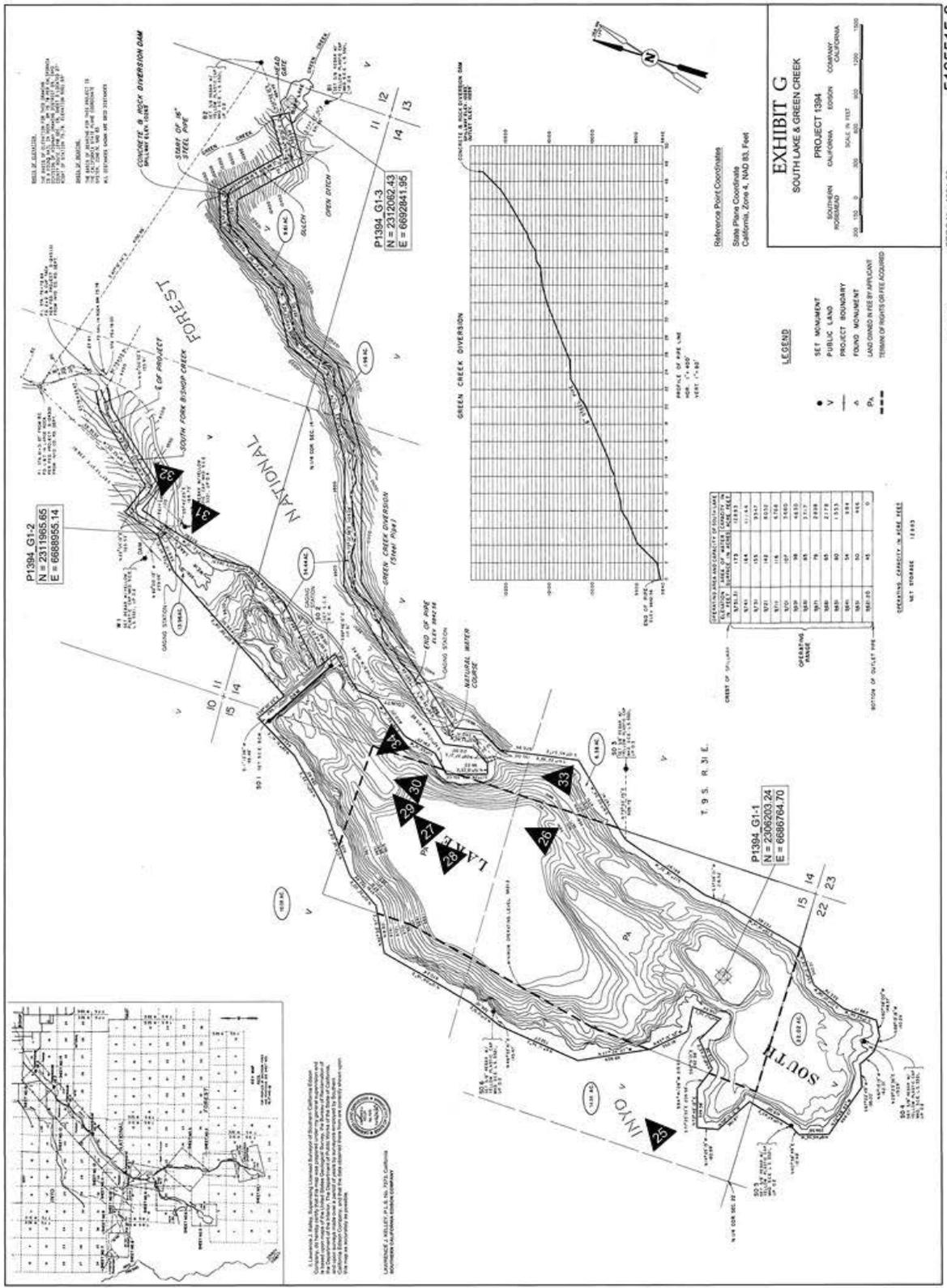
Jim Sanderson, Photographer

August 26, 2014

Photographs number CA-145-7-1 through CA-145-7-24 were previously transmitted to the Library of Congress in 2012.

- CA-145-7-25 CONTEXT VIEW OF THE SOUTH LAKE DAM LOOKING NORTHWEST; WATER LEVEL DRAINED TO REVEAL INTAKE; DAM IS WHITE HORIZONTAL STRUCTURE AT TOP CENTER
- CA-145-7-26 CONTEXTUAL VIEW OF INTAKE AND TUNNEL (NOT VISIBLE-UNDERGROUND) IN RELATION TO THE SOUTH LAKE DAM LOOKING NORTH; INTAKE IS IN FOREGROUND, APPROXIMATELY 1,200 FEET SOUTHEAST OF DAM
- CA-145-7-27 CLOSE-UP VIEW OF INTAKE AND TUNNEL ENTRANCE COVERED WITH A GRATE, LOOKING NORTHWEST
- CA-145-7-28 MATCH SHOT TO CA-145-7-27 WITH GRATE REMOVED.
- CA-145-7-29 DETAIL VIEW OF INTAKE OPENING AND GRATE, LOOKING NORTHWEST
- CA-145-7-30 INTERIOR VIEW OF TUNNEL LOOKING NORTHWEST
- CA-145-7-31 VIEW OF SOUTH LAKE DAM OUTLET PIPE LOOKING WEST ACROSS HILLSIDE (SOUTHLAKE) RESERVOIR
- CA-145-7-32 DOWNSTREAM TUNNEL EXIT AND GAUGING STATION (CONTROL ROOM AND OUTLET VALVE INSIDE) LOOKING SOUTHWEST
- CA-145-7-33 CONTEXTUAL VIEW OF VERTICAL SHAFT IN RELATION TO INTAKE AND DAM, LOOKING NORTH; VERTICAL SHAFT IS LOCATED ON THE LARGE CENTRAL OUTCROP (ROCK HILL) BETWEEN THE INTAKE (CENTER) AND THE DAM (TOP RIGHT)
- CA-145-7-34 DETAIL VIEW OF VERTICAL SHAFT TAKEN FROM TOP OF ROCK OUTCROP

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