

Carlsen, Ernie

From: Tuthill, Dave
Sent: Thursday, April 14, 2005 11:46 AM
To: Carlsen, Ernie; Holliday, Michael
Subject: FW: Minidoka Dam

01-219

Thanks, Mike.

Michael and Ernie, see below.

Dave

-----Original Message-----

From: Stubblefield, Mike
Sent: Thursday, April 14, 2005 11:32 AM
To: Tuthill, Dave
Subject: RE: Minidoka Dam

That's correct.

-----Original Message-----

From: Tuthill, Dave
Sent: Thursday, April 14, 2005 10:29 AM
To: Stubblefield, Mike
Subject: RE: Minidoka Dam

This is helpful, Mike. Thanks.

Can we reconstruct the storage dates from your records, then, as follows?

1906	210,000-55220=	154,780 af
1911		55,220 AF
Total today		210,000

-----Original Message-----

From: Stubblefield, Mike
Sent: Thursday, April 14, 2005 8:36 AM
To: Tuthill, Dave
Subject: RE: Minidoka Dam

Dave,

Since Minidoka Dam is federal, no phase I inspection was done. In looking through the file, it appears the dam was constructed from 1904 to 1906 and the reservoir water surface was raised from elevation 4240 ft msl to 4245 ft msl by constructing 5.5 ft wide stoplog bays on the ogee spillway crest. I have two different documents; one states that the stoplog bays were installed in 1911 and the other document states they were installed in 1909. Plans for the raise are dated August 1909 and were approved by the State Engineer, Jas Stevenson, Jr on December 17, 1909. Since the plans were not approved until late 1909, I would suspect that the construction of the stoplog bays was not completed until 1911. The reservoir capacity table in the SOP indicates the difference in capacity between elevation 4240 and elev 4245 is 55,220 ac-ft.

If you need any further information, please let me know.

Mike

-----Original Message-----

From: Tuthill, Dave
Sent: Wednesday, April 13, 2005 3:50 PM
To: Stubblefield, Mike
Cc: Carlsen, Ernie

It appears the Sept. 1919, Engineers Report for 01-219 references the increase in elevation from 4240 to 4245. (see memo below). The engineer report finds 53,500 AF additional storage as a result of the 5.5 ft rise in the reservoir pool.

Subject: Minidoka Dam

Hi, Mike.

Another question: Might you have a Phase 1 report for Minidoka Dam that would have the history of its construction? Looks like there is some question as to when it was raised to its present holding capacity of 210KAF.

Thanks, Dave