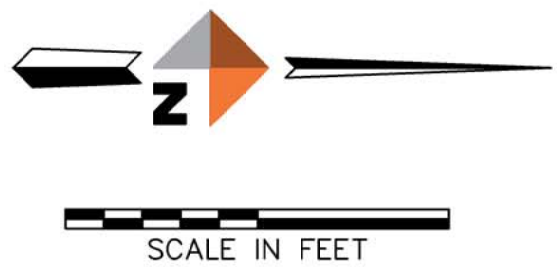


G:\27\62994-01\65CAD\KTN REV 4\MC-VB-BT-KTN Lakes REV4.dwg PLOT DATE 2019-07-11 10:46 SAVED DATE 2019-07-11 10:44 USER: wstoll

Lower Ketchikan Lake

Contours produced from DOWL  
2019 Bathymetric survey.

Upper Ketchikan Lake



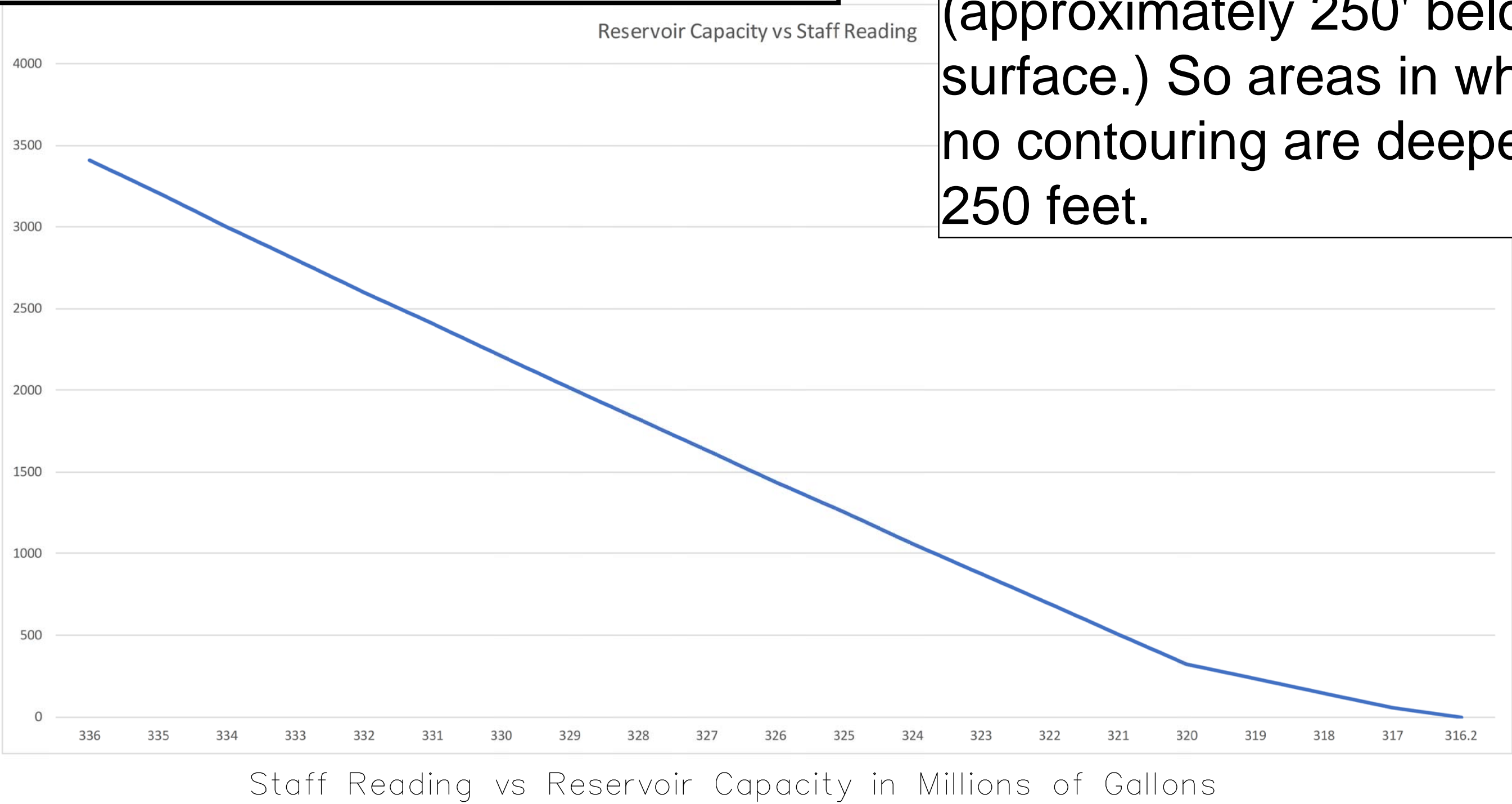
SURVEY CONTROL STATEMENT  
HORIZONTAL CONTROL  
POSITIONS ARE NAD83 (2011) ALASKA STATE PLANE (ASPC), ZONE 1, IN U.S. FEET.  
  
THE BASIS OF COORDINATES IS STATION "D3". STATION "D3" IS A ALUMINUM PIPE MONUMENT,  
AND HAS A VALUE OF N 1,294,065.93 AND E 3,111,338.07 U.S. FEET.  
  
VERTICAL CONTROL  
ELEVATIONS ARE NAVD88 EXPRESSED IN U.S. SURVEY FEET AS DETERMINED BY GEOID 12B  
FROM STATIC GNSS OBSERVATIONS PROCESSED USING THE NATIONAL GEODETIC SURVEY (NGS)  
ONLINE POSITIONING USER SERVICE (OPUS).

Cross section through center of lakes  
and channel requested but not  
completed under this project.

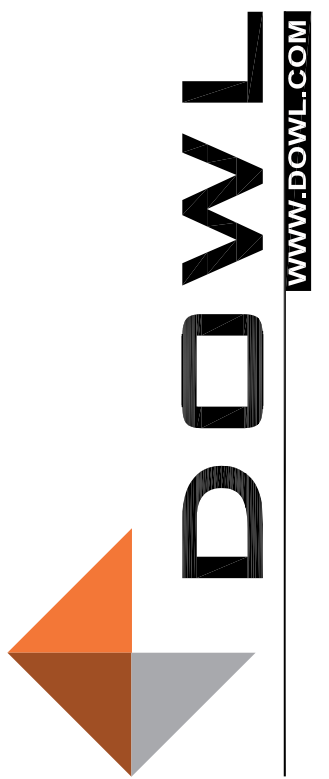
Middle of lakes are not contoured  
because depth exceeded what  
equipment could collect  
(approximately 250' below water  
surface.) So areas in white with  
no contouring are deeper than +/-  
250 feet.

Ketchikan Lakes DAM

Base Elevation	Staff Gauge Reading	Millions of Gallons	Notes
332	336	3408.12	Lake Elevation 4/12/2019
331	335	3204.68	
330	334	3002.74	
329	333	2802.30	
328	332	2603.35	
327	331	2405.91	
326	330	2209.98	
325	329	2015.57	
324	328	1822.64	
323	327	1631.04	
322	326	1440.74	
321	325	1251.75	
320	324	1063.99	
319	323	877.42	
318	322	691.94	
317	321	507.48	North-South Lake Connection is broken at this point
316	320	324.00	
315	319	233.31	
314	318	143.20	
313	317	53.57	This is the North Inlet Elevation
312.4	316.2	0.00	



REVISIONS		BY
REV	DATE	DESCRIPTION



www.dowl.com

KETCHIKAN LAKES RESERVOIR VOLUME SURVEY  
KETCHIKAN, ALASKA

PROJECT	1127.62994.01
DATE	07/11/2019
© DOWL 2018	
SHEET	

1 OF 1