



STATE OF
WASHINGTON

Dixy Lee Ray
Governor

DEPARTMENT OF ECOLOGY

Olympia, Washington 98504

206/753-2800

October 25, 1977

M E M O R A N D U M

TO: Dick Cunningham/Leighton Pratt
 FROM: Ron Effland *RE*
 SUBJECT: Data on Poulsbo Estuary
 PURPOSE: Determination of Saltwater Intrusion

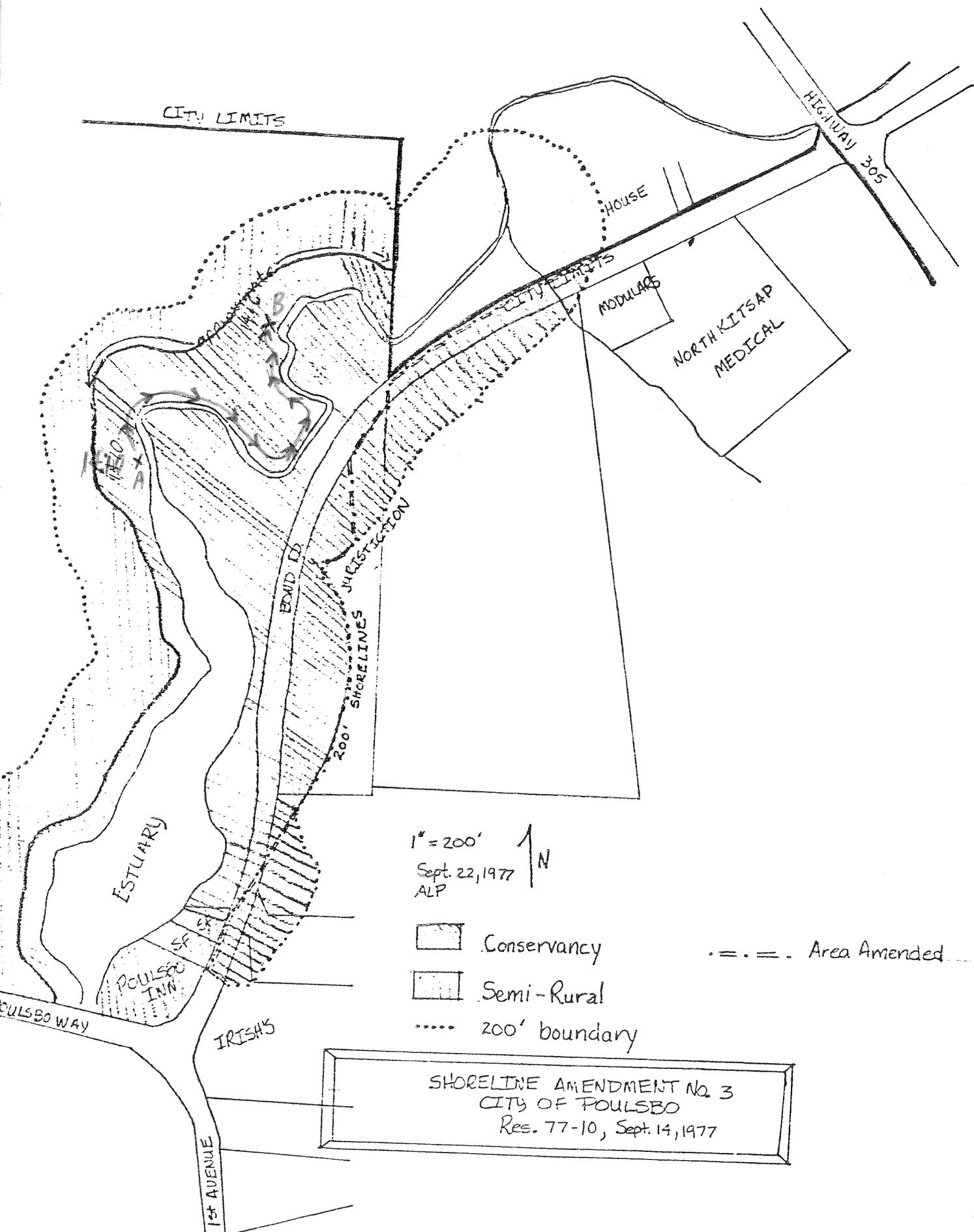
As you requested, the following is summary of the data that Gerald McDonald and I obtained on October 21 near the mouth of Dogfish Creek near City of Poulsbo in NE $\frac{1}{4}$, NE $\frac{1}{4}$ Section 14, T26N, R1E, W.M. A map is attached.

High tide October 21 is 12 feet at 13:52 Daylight Savings Time.
 Mean High Tide is 11.9 feet. \uparrow Upstream \downarrow Downstream

	Daylight Savings Time	Conductivity	Salinity 00/000	Temperature °C
Point A	\uparrow 14:10	19.7	16.6	11.0
	\uparrow 14:14	19.6	16.5	10.5
	\uparrow 14:17	18.6	15.8	10.5
	\uparrow 14:20	18.8	15.7	10.5
	\uparrow 14:25	18.3	15.4	10.5
	\uparrow 14:28	16.1	13.4	9.8
	\uparrow 14:30	17.3	14.6	9.9
	\uparrow 14:33	17.5	14.7	9.9
	\uparrow 14:35	17.5	14.6	10.1
	\uparrow 14:40	17.2	14.3	10.3
	\uparrow 14:42	17.1	14.4	10.0
	\uparrow 14:45	7.7	6.6	10.0
	Point B	\uparrow 14:46	2.6	2.3
\downarrow 14:48		18.2	15.4	10.2

RE:sc
 Enclosure

cc: Jerry McDonald, DOE

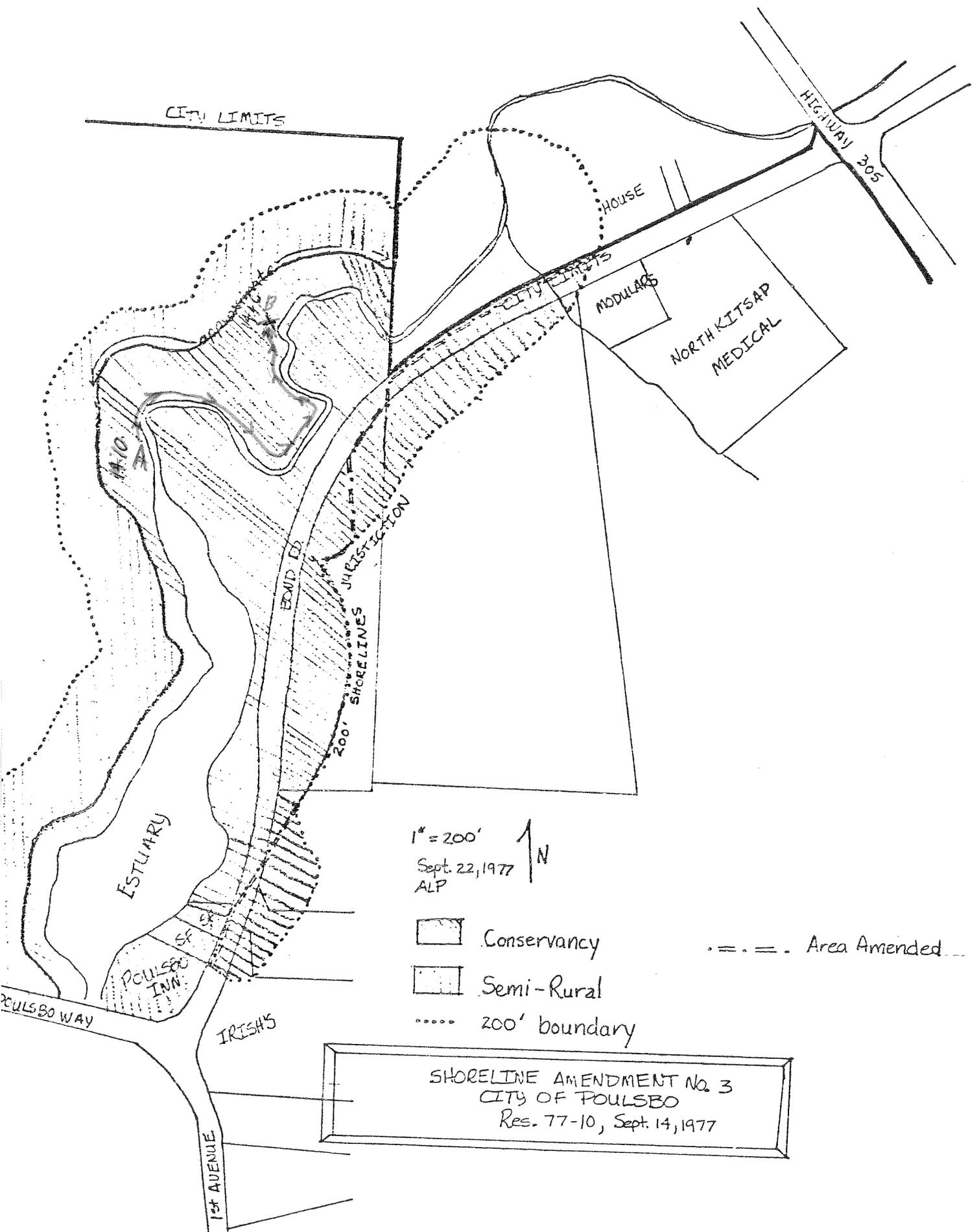


1" = 200'
 Sept. 22, 1977
 ALP

-  Conservancy
-  Semi-Rural
-  200' boundary

..... Area Amended

SHORELINE AMENDMENT No. 3
 CITY OF POULSBO
 Res. 77-10, Sept. 14, 1977



1" = 200'
 Sept. 22, 1977
 ALP

-  Conservancy
-  Semi-Rural
-  200' boundary

..... Area Amended

SHORELINE AMENDMENT No. 3
 CITY OF POULSBO
 Res. 77-10, Sept. 14, 1977