

Juneau, Alaska.

June 16, 1990

This morning made trip via bus to Mendenhall Glacier. As one travels in the valley become narrow with wetlands developed along side of the channel. These wetlands should all be preserved but Juneau Commissioners have decided to share the wetland and extend commercial interests in that direction. Multiple use philosophy! Continued in to base of Mendenhall Glacier. Observation house should have been enough but trails, trampling, sunning beaches & swimming has depreciated the value of the observation point. Several photographs were taken from the area of the observation point. Photo 900718-1 to N showing Mendenhall Glacier, lake below and river entering from valley to the E. The glacier is smoothing out with reduced front, <sup>and</sup> side pulling away from side of valley. The sand ridges in foreground are covered with deciduous trees in early succession. Photo 900718-2 to NW of Mendenhall Glacier with flattened front and front pulling back on left side exposing bare rock. 900718-3 Mendenhall Glacier to N, showing river emerging from valley to E. Water action has produced bald face of glacier terminal. Note amount of shrinking of glacier from side wall of valley. At one time the river must have flowed onto glacier when the glacier was active and moving progressively forward. Left glacier and drove to Lake Auke where 3 photos were taken to N with Mendenhall Glacier in the far distance. Note flat nature of glacier in cross-section. (90° to flow). Photo 900718-4 of Mendenhall Glacier and mts in background, Lake Auke in middle ground and conifers and deciduous in foreground. red elderberry in right side of photo. <sup>goat beard hair, devil's club and stink cabbage</sup> Photos 900718-5 and 900718-6 <sup>in area.</sup> ibid. At the Juneau airport photo 900718-7 of cultivated flowers on airport grounds. Ph. 900718-8 ibid. Ph. 900718-9 ibid.

At Harris marina the owner of Alpine Toilet Pumping Co. informed me that all boats, pleasure and commercial dump holding tanks, <sup>or toilets</sup> in channel there is no way to enforce 0 overboard discharge of sewage. Until enforced it is not cost effective to supply pumping service to boats. 40 piling originally coated with creosote and tar are now, <sup>lower 1/2 of tidal level</sup> free of surface preservative and the coating has been discharged into the water of the marina. At our moorage noted 100' of soap suds from people who clean bilge with soap. This condition is true of a white suds from packing plants. There should be a fine of \$500. imposed on dog owners who wilfully allow their dogs to defecate on docks and then not clean up.