

GSE - January 18, 2001 Talk

Environmentally Friendly Screw Pile Foundation for the New Millennium

PRESENTATION BY: Mr. Bill Klassen, Peace Land Piling Ltd.

INTRODUCTION BY :Mr. Curtis Treen, M.Eng., P. Eng., AMEC Earth & Environmental Limited

The presentation by Mr. Bill Klassen will address a variety of practical topics concerning the application of screw pile technology. This will include: discussion of the technology and design of the screw pile; installation (torque and load bearing capacities); adaptation to differing soil compositions, testing program procedures and results; horizontal, vertical, and lateral loading, and; the uses, benefits, and cost efficiencies of this technology. Mr. Klassen has approximately 25 years of experience with screw piles, and has been involved in numerous projects throughout Alberta involving their application.

Mr. Curtis Treen, P. Eng. will provide an introduction to the topic via a brief discussion of a recent case history in which screw anchors were employed in the repair of a distressed retaining wall. The project site was located along a bicycle path in the Ramsey Ravine area, near 132 Street and along the north valley slope of the North Saskatchewan River. This introduction will include an outline of the alternative remedial measures evaluated for the project, as well as the implementation of the proposed design.

Venue: University of Alberta, Room 331 Civil & Electrical Building

Time: 5:00 p.m.

Date: Thursday, January 18, 2001

Cost: No charge. Refreshments provided.