



SOIL EVALUATION REQUEST

Please fill in the information indicated below which is known to you in order to expedite the testing of your soil sample(s).

Your Name: _____ Email: _____

Phone Number: _____ Fax Number: _____

Company Name: _____ Date: _____

Company Address: _____

Are You the: Owner ___ Engineer ___ Contractor ___ Representative ___ Other (specify) _____

Project Name: _____

Project Location: _____

Project Type: Lagoon ___ Landfill ___ Tank Farm ___ Dam ___ Slurry Trench ___
Other (specify) _____

Brief Description of Project Size/Scope: _____

Material(s) to be contained: Freshwater ___ Sewage ___ Petroleum* ___ Chemicals* ___
Industrial Wastes* ___ Other (Specify) _____

* Please list chemicals to be contained and their concentrations, if known:

Have you already talked with someone at WYO-BEN? Who? _____

SOIL CHARACTERISTICS

Soil Classification: _____

Proctor Test Results: Standard / Modified (Circle One)

Max. Dry Density: _____ lb/ft³ Optimum Moisture _____ %

Please supply soil particle size analysis if available.

REQUIRED SOIL / BENTONITE MEMBRANE SPECIFICATIONS

Permeability (Darcey): $K =$ _____ cm/sec.

or
Leakage Rate: _____ @ _____ Head and _____ Area

Required Compaction: _____ of Standard / Modified (Circle One) Proctor.

Minimum Membrane Thickness: _____



SOIL SAMPLES

Date of Sample(s) Taken: _____ # of Sample(s) _____

Obtain a **minimum** 12 pound soil sample from each location to be tested and placed in heavy-duty garbage bag. Place filled bag in second bag, tightly seal, and place either in a sealed box or plastic pail. Place identification labels inside and on the outside of each sample container and provide sketch of sample locations relative to project area. Where possible, please send a composite sample(s) which will be indicative of soil conditions throughout the project area. Place sample(s) in a sealed box or plastic pail and ship UPS to:

WYO-BEN, INC.
ATTN: SOILS EVALUATION LAB
1345 DISCOVERY DRIVE
BILLINGS, MT 59102
PHONE: 1.406.652.6351

Contact Wyo-Ben, Inc. for instructions prior to shipping soil samples from locations outside the United States.

NOTE: The permeability tests performed on soils which you supply us will be performed under ideal laboratory conditions. One should not expect to duplicate the results from these tests under field conditions. These tests are performed to provide useful information and guidance to the engineer who, after considering all of the relevant on-site factors, will design the application rate and specifications for this job. WYO-BEN, Inc. expressly does not offer engineering advice in presenting these test results. The Engineer and Contractor must recognize that a higher application rate than that used in these tests will be necessary in the field to account for variations in bentonite content resulting from non-uniform application of bentonite, imperfect mixing of bentonite / soil membrane and other factors beyond the control of WYO-BEN, Inc. We stand behind the accuracy of our laboratory test results; however, due to the previously described factors we do not accept responsibility or liability for the performance or results of the job, beyond WYO-BEN, Inc.'s limited warranty for the bentonite product itself.