



United States
Department of
Agriculture

Forest
Service

Black Hills
National
Forest

Highway 385 North
RR 2, Box 200
Custer, SD 57730-9501
605-673-2251

File Code: 2160
Route To: *

Date: 10/24/96

Subject: Nemo Workstation Site Cleanup Decision Memo

To: File

I met with Byron Shark, RO Environmental Engineer; Ray Ollila, Forest Engineer; and Gary Heezen, South Zone Engineer, to discuss the need to provide the residents of Nemo, South Dakota, with contaminated wells an alternate water source. This need has been identified as the highest priority at this time. The initial discussion centered around the cleanup contractor having this responsibility, but because this work is not included in the present task order, additional time would be required to ammend the contract and negotiate a price for the work that will be required. This engineering team felt that the resources needed to complete this work in two days was available at the Forest level. A team headed by Gary Heezen with assistance from engineering, purchasing, and the district was established to accomplish this task.

An existing 7,000 gallon potable water holding tank is available for use at the Nemo Work Center. A distribution line from the tank will be run across the surface of the ground to the Troxell system. A tee in this line would be run to the Adams system. The Forest Service will already be on line using their existing distribution system. Behind the Forest Service bunkhouse is a yard hydrant and a second distribution system may be attached at this site and run to the School with a tee providing a line to the Krahn residence. (See attached map). After the holding tank has been flushed with clean water, potable water will be hauled in and the tank filled. Once the residences are tied into the surface line, valves may be opened and the resident systems may be flushed, then use may start. Additional tests will be conducted on this system to ensure safe drinking water and all surface lines will need to be insulated to prevent freezing.

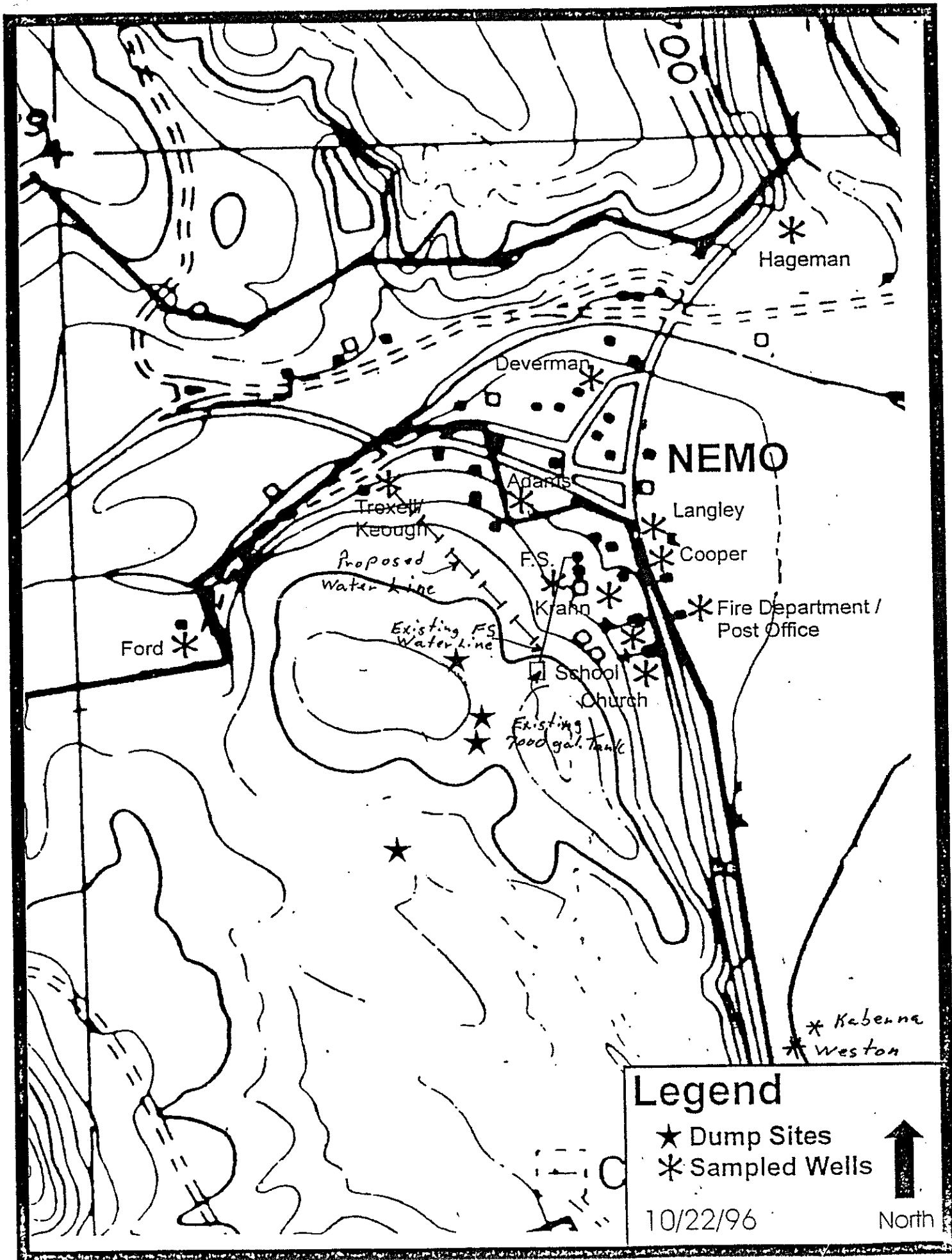
The Kaberna and Weston wells were tested and found to be contaminated. A potable tank with booster pump will be provided at these sites since they are not in the adjacent area as the above sites. Topography at the site will not allow the use of a gravity type system.

WILLIAM G. SCHLEINING
On-Scene-Coordinator

Enclosures

cc:
BShark, RO Engr. w/encl.





Legend

- ★ Dump Sites
- * Sampled Wells



10/22/96

North