



United States  
Department of  
Agriculture

Forest  
Service

Black Hills  
National  
Forest

Spearfish/Nemo Ranger District  
2014 North Main Street  
Spearfish, SD 57783-2917  
605-642-4622

PO Box 407  
Deadwood, SD 57732-0407  
605-578-2744

File Code: 2160  
Date: July 12, 2000

MR RON WICK  
P.O. BOX 77  
NEMO, SD 57759

Dear Mr. Wick:

During the week of July 17<sup>th</sup> there will be additional work going on behind the Nemo Work Center in relation to the current EDB Project. The work will be done by Enviroserch International, the same consultants that have been working on the project for the last few years.

The first part of the project will be setting up an experiment using a sprinkler irrigation system. They will be installing the sprinklers in the meadow behind the Work Center and will be pumping EDB water from one of the monitoring wells. EDB is a highly volatile chemical that breaks down when exposed to air, by exposing the EDB to the air in a sprinkler the compound is expected to break down. Sampling will be done of the water in the well and once it hits the ground, the soils in the irrigated area will also be sampled for EDB. This experiment should take several days to run in order to get good samples.

Towards the end of the week we will again do some excavation work in search of the burial site. The newest monitoring wells have had some of the highest readings yet and we plan on doing some trenching in this area. The area that we will be looking at is farther west in the Jack Pine than the original trenches were back in 1996. The area is covered with trees now but the trees are mostly less than 20 years old so a 1970s burial site could be possible.

We will be at the Nemo Fire Hall Monday evening starting at 6:30 pm to discuss these activities with any one who wishes to come down. If you have further questions or can't make the meeting, please call Don Murray at 578-2744 or Bill Schleining at 673-2251 (Custer).

Sincerely,

*For Don Murray*

PAMELA E. BROWN  
District Ranger





US Forest Service PO Box 407 Deadwood, SD 57732

Spearfish/Nemo Ranger District Phone: 605-578-2744 Fax: 605-578-3157

**FAX**



Date: 7-30-99

Number of pages,  
including cover sheet: 2

To: MIKE WHALEN  
HT GUEST

Phone:

Fax phone:

578-1273

From: DON MURRAY

Phone:

Fax phone:

578-3157

Remarks: MAXIMUM CONTAMINANT LIMIT FOR  
EDB IS 0.05 ug/l



Don Murray  
 USDA FOREST SERVICE  
 P.O. BOX 407  
 DEADWOOD, SD 57732-0407

PROJECT: EDB NEMO  
 SAMPLE DATE: See C.O.C.  
 SAMPLE TIME: See C.O.C.  
 ACCOUNT NUMBER: W1144  
 DATE RECEIVED: 07/20/99  
 TIME RECEIVED: 14:20  
 DATE ANALYSED: 07/26/99  
 METHOD: EPA 524.2  
 UNITS: ug/L

LAB NUMBER	SAMPLE ID	EDB ug/L	EQL ug/L	BFB (%)	1,2-DCB (%)	DATAFILE
19990720503	WICKMAN	ND	0.020	109.	118.	19990726504
19990720503-DUP	WICKMAN-DUP	ND	0.020	110.	115.	19990726508
19990720504	4-T NEMO	0.064	0.020	110.	111.	19990726505
19990720504-DUP.	4-T NEMO DUP.	0.070	0.020	107.	110.	19990726507

**COMMENTS:** Surrogate spikes are reported as percent recovered of the known amount.  
 DUP refers to a duplicate analysis.

**APPROVED BY:**

**DATE:**

07/29/99

**KEY:**

- ND Not Detected, the analyte was not detected above the EQL.
- MDL Method Detection Limit, calculated detection limits as prescribed in 40CFR part 136
- EQL Estimated Quantiated Limits, The EQLs listed for EDB are five times the MDL.
- BFB Bromofluorobenzene, Surrogate spike reported as percent recovered of known amount.
- 1,2-DCB<sub>d,4</sub> 1,2-Dichlorobenzene<sub>d,4</sub>, Surrogate spike reported as percent recovered of known amount.

MODE = TRANSMISSION

START=JUL-30 07:56      END=JUL-30 07:59

NO.	COM	ABBR/NTWK	STATION NAME/ TELEPHONE NO.	PAGES	PRG.NO.	PROGRAM NAME
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-SPF/NEMO RANGER DISTRICT -

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# MID-CONTINENT TESTING LABORATORIES, INC.

HIGH TECHNOLOGY OIL ANALYSIS  
AND ENVIRONMENTAL TESTING

2381 S. Plaza Dr. • P.O. Box 3388 • Rapid City, SD 57708  
(605) 348-0111

## CHAIN OF CUSTODY RECORD

TOTAL P.02

PRESERVED WITH																						
	FILTERED (M)																					
		REFRIGERATED (M)																				
			ANALYSES REQUESTED																			

FOR LAB USE ONLY
Sample No.
Client Name
Analyst Name
Lab Name

USFS
EPB NEMO
Tommy Balistrieri

NO.	SAMPLE NAME	DATE	TIME	MATRIX	NO. OF CONTAINERS	COMMENTS
1	Wickman	7/19/99	1630		X	
2	U-T NEMO	7/14/99	1500		X	Road wood Off, is Bill to: Forest Service
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

PREPARED BY (Signature)	COMPANY NAME	DATE	TIME	PREPARED BY (Signature)	COMPANY NAME	DATE	TIME
<i>Tommy Balistrieri</i>	USFS	7/20/99	1420	<i>Tommy Balistrieri</i>	MC.T	7/20/99	1420