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To: 71 12-1		am	
Co. 71 12-1	Co. 71 12-1		
Dept.	Phone # 715 369 8932		
Fax #	Fax #		

DATE: November 7, 1994

TO: TRIG SOLBERG

FAX NO. 715-356-7871

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FROM: P. C. CHRISTIANSEN
P.O. BOX 100
PHELPS, WI 54554

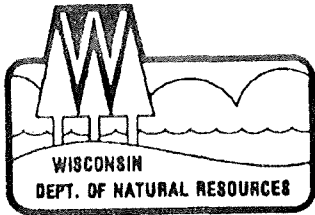
PHONE NO. 715-545-2333

FAX No. 715-545-2334

- 1) DOES THE WDNR KNOW OF AN ACCEPTABLE TREATMENT FOR SOIL POTENTIALLY CONTAMINATED WITH PCP'S (OF PENTA AND #2 FUEL OIL SOLUTION), AS OPPOSED TO SOIL REMOVAL AND OFF-SITE DEPOSIT?
- 2) WHAT IS THE IDENTIFICATION (NAME, ETC.) OF SAME?
- 3) WHAT ARE SOME OF THE SOURCES OF SAME?
- 4) WHERE CAN WE OBTAIN THE PROPER INFORMATION ON SAME?

THANK YOU!

P.C.C.



George E. Meyer
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

North Central District Headquarters
Box 818
Rhinelander, Wisconsin 54501
TELEPHONE 715-369-8900
TELEFAX 715-369-8932

November 21, 1994

IN REPLY REFER TO: ERRP

P.C. Christiansen
P.O. Box 100
Phelps, WI 54554

SUBJECT: Response to November 7, 1994 FAX

Dear Mr. Christiansen:

This letter is in response to your November 7, 1994 Facsimile to Mr. Trygve Solberg. Mr. Solberg has asked us to respond to your facsimile on his behalf. In your request to Mr. Solberg you asked if the Department knows of treatment alternatives for PCP's other than removal and off-site disposal, and if so what are they and where would information about the treatment technology be available.

There are several alternatives that may be available to you other than excavation and off-site disposal. Selection of any alternative depends on site specific conditions. Alternatives range from bio-remediation (in-situ and ex-situ), soil washing (in-situ and ex-situ), ozone treatment (in-situ and ex-situ), and thermal destruction.

Certainly Department files on cases dealing with PCPs are available for you and your consultant to review. North Central District has several PCP cases currently under going remediation. Other Districts would also have case files for PCP clean-ups.

Your consultant should have access to current technical papers by environmental professionals and EPA research programs. In addition to the case files and technical references, any of the consultants from the consultants list we supplied to you would have experience with PCP remediation in Wisconsin.

As we requested in our November 9, letter please have your consultant work with me during the development of a scope of work for investigation and to look at remedial alternatives.

Sincerely,

M. Scott Watson
Environmental Repair Coordinator

CC: Connie Antonuk, NCD
Mark Stokstad, NCD
Michelle DeBrock-Owens
Bob Strous, SW/3
Maryann Sumi, AD/5
Trygve Solberg, NCD