

TRENCH 18 MONITORING RECORD

For the Period 10/82 thru 12/82Date Measured

PIEZOMETER	10/27/83	11/30/82	12/12/82			
P 18-1	736.8	736.72	733.47			
P 18-2	735.48	735.32	736.98			
P 18-3	739.31	739.23	739.89			
P 18-3A	742.18	742.35	742.77			
P 18-4	735.06	735.06	735.06			
USGS WELL 519	743.09	743.34	743.59			
USGS WELL 533	740.44	740.27	743.11			
LAW 150	742.15	742.23	742.15			
LAW 151	739.72	739.72	740.22			
LOW POINT SUMP	738.96	738.96	DRY			
SIDE SUMP	DRY	DRY	DRY			

All data is recorded as an elevation using the site USGS Bench Mark for reference.

8310120063 830731
PDR AD00CK 02700039
PDR

TRENCH 18 MONITORING RECORD

For the Period 1/83 thru 3/83Date Measured

PIEZOMETER	1/26/83	2/29/83	3/22/83			
P 18-1	Frosted Blocked	739.05	Frosted Blocked			
P 18-2	Frosted Blocked	Blocked 734.82	738.4			
P 18-3	Frosted Blocked	740.98	742.56			
P 18-3A	743.27	744.68	739.85			
P 18-4	735.72	736.47	733.47			
USGS WELL 519	743.76	743.51	744.26			
USGS WELL 533	744.52	742.19	744.02			
LAW 150	742.56	742.56	744.06			
LAW 151	740.55	740.22	741.55			
LOW POINT SUMP	DRY	DRY	DRY			
SIDE SUMP	DRY	DRY	DRY			

All data is recorded as an elevation using the site USGS Bench Mark for reference.

TRENCH 18 MONITORING RECORD

For the Period 4/83 thru 7/83Date Measured

PIEZOMETER	4/29/83	5/26/83	6/30/83			
P 18-1	939.88	741.72	740.05			
P 18-2	738.32	740.23	738.9			
P 18-3	742.31	743.14	742.81			
P 18-3A	739.68	739.14	740.68			
P 18-4	733.47	734.14	736.31			
USGS WELL 519	744.59	743.68	743.76			
USGS WELL 533	744.27	745.52	746.44			
LAW 150	744.48	744.98	744.9			
LAW 151	741.88	743.47	742.97			
LOW POINT SUMP	DRY	741.86	741.96			
SIDE SUMP	DRY	DRY	DRY			

All data is recorded as an elevation using the site USGS Bench Mark for reference.

DATE

USEcology

September 15, 1983

Mr. T. H. Essig, Chief
Environmental & Special Projects Section
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

PRINCIPAL STAFF			
RA		ENF	
D/RA		SCS	
A/RA		PAO	
DPRP		SLO	
DRMA		RC	
DRMSP			
DE			
ML			
OL		FILE	

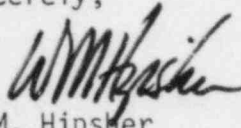
orig + 1 ✓

Docket 27-39
Sheffield, Illinois Low-Level Radioactive
Waste Disposal Site

Dear Mr. Essig:

Enclosed is a summary of the Quarterly Monitoring data of the piezometers and wells in the vicinity of Trench 18 and the Trench 18 sumps for period October, 1982 thru July, 1983 as covered in the letter of agreement between US Ecology and the Nuclear Regulatory Commission on April 23, 1979.

Sincerely,



W. M. Hipsher
Manager, Corporate Sfatey

WMH:db

Enclosure

1 E 17
~~17~~
11

SEP 21 1983