

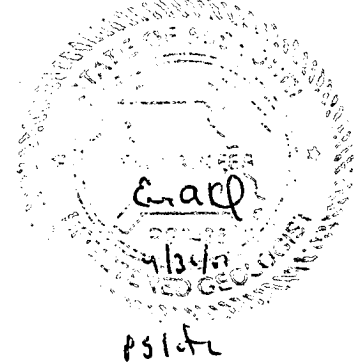
STATE OF MISSOURI  
**DEPARTMENT OF NATURAL RESOURCES**

Bob Holden, Governor • Stephen M. Mahfood, Director

04/20/01

DIVISION OF GEOLOGY AND LAND SURVEY  
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Attn: Ms Sharon Cotner, Project Manager  
Department of the Army  
St. Louis Corps of Engineers  
8945 Latty Avenue  
Berkeley, MO 63134



Dear Ms Cotner;

On March 29, 2001 a field check was made at the St. Louis Airport Site (SLAPS). Present from within the Missouri Department of Natural Resources were Cathy Smith, Division of Geology and Land Survey, Geological Survey Program (DGLS/GSP), Eric Gilstrap, Division of Environmental Quality, Hazardous Waste Program (DEQ/HWP) and myself. The USACE representative present was Keith Enders. An inspection was done on the following wells: PW-39 (Reference Number 0260087), PW-40 (Reference Number 0260088), PW-41 (Reference Number 0260089). Also inspected was a damaged surface completion on a well at the back part of the SLAPS site. This well is close to the railroad tracks and behind the electrician's trailer near Outfall 01A.

The concrete used in the surface completion of wells PW-39, PW-40 and PW-41 does not extend to the finished grade. I assume that the concrete for the surface completion and weep hole location were estimated as the finished grade apparently had not been placed at the completion point. The surface completion had been boxed in with lumber and large gravel was used to bring the area around the well to surface grade level (see accompanying photos).

For these three wells to be certified the concrete surface completion will have to be brought up to slightly above level with the current finished grade, with the concrete sloping slightly away from the protective casing. Also the current weep holes should be sealed with a waterproof sealant or welded over and new ones drilled in the proper location. Upon completion of the remediations, please contact this office and the wells will be certified.

I understand that the damaged well is no longer used to accumulate data. The well's surface completion and riser pipe must be repaired or the well must be plugged. If repaired, the repairs must meet the construction standards for surface completions as outlined in 10 CSR 23-4.060(12) Missouri Well

Construction Rules (MWCR). If the well is to be plugged it must be plugged in accordance with 10 CSR 23-4.080, MWCR.

Should you have any questions, please feel free to contact me at the numbers listed below.

Sincerely,  
DIVISION OF GEOLOGY AND LAND SURVEY



Matthew Parker, Geologist  
Geological Survey Program  
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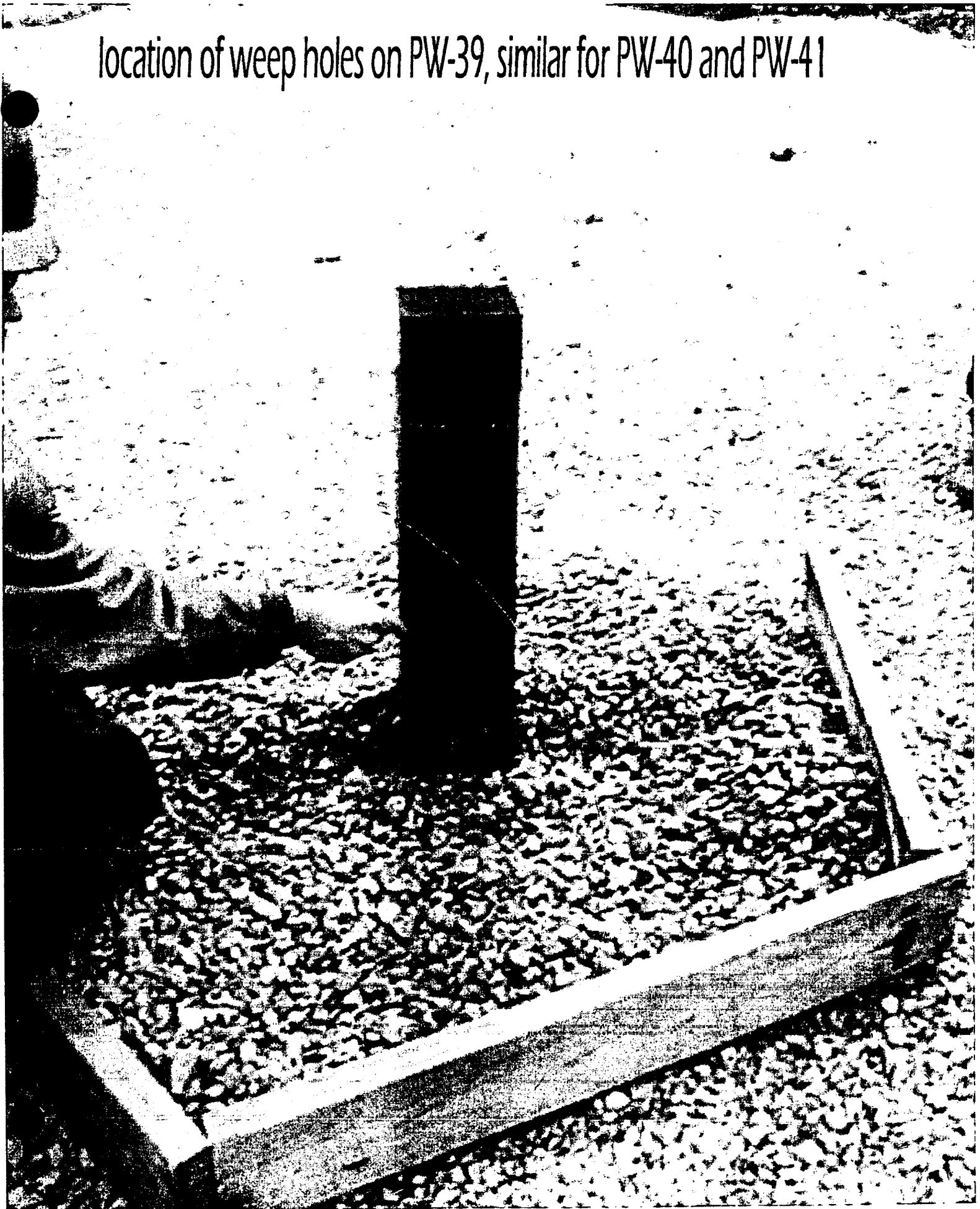


cc: Larry Erickson, DOE Unit Chief, Hazardous Waste Program/ Division  
of Environmental Quality, Missouri Department of Natural  
Resources (HWP/DEQ/MODNR)  
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Eric Gilstrap, HWP/DEQ/MODNR

Myrna Rueff Geological Survey Program/ Division of Geology and Land  
Survey/ Missouri Department of Natural Resources  
GSP/DGLS/MODNR

location of weep holes on PW-39, similar for PW-40 and PW-41





Damaged surface completion of  
well near railroad tracks and trailer

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☐ Further Information Required

Operating Unit North County

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Area Wells

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Author's Company MDNR

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