

Thomas McLaughlin - 6th of 6 emails for the broken up presentation

From: "Cloud, Paul D RDECOM" <paul.d.cloud@us.army.mil>
To: <KLK@nrc.gov>, <jmp@nrc.gov>, <tgm@nrc.gov>, <mlz@nrc.gov>, <DER@nrc.gov>
Date: 10/10/2006 10:18:49 AM
Subject: 6th of 6 emails for the broken up presentation

Paul D. Cloud
JPG BEC
RSO for JPG
OSD BTC for JPG

410-436-2381
DSN 584-2381
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Mail Envelope Properties (452BABB0.6BA : 6 : 50874)

Subject: 6th of 6 emails for the broken up presentation
Creation Date Tue, Oct 10, 2006 10:17 AM
From: "Cloud, Paul D RDECOM" <paul.d.cloud@us.army.mil>

Created By: paul.d.cloud@us.army.mil

Recipients

nrc.gov

DER (David Roth)

JMP (Jon Peckenpaugh)

nrc.gov

MLZ (Marian Zabler)

nrc.gov

TGM (Thomas McLaughlin)

nrc.gov

KLK (Kenneth Kalman)

Post Office**Route**

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Files	Size	Date & Time
MESSAGE	118	Tuesday, October 10, 2006 10:17 AM
TEXT.htm	2596	
Pages 26 - 29 from Well Location Selection.pdf		4556483
Mime.822	6240169	

Options

Expiration Date: None

Priority: High

ReplyRequested: No

Return Notification: None

Concealed Subject: No

Security: Standard

Junk Mail Handling Evaluation Results

Message is eligible for Junk Mail handling
This message was not classified as Junk Mail

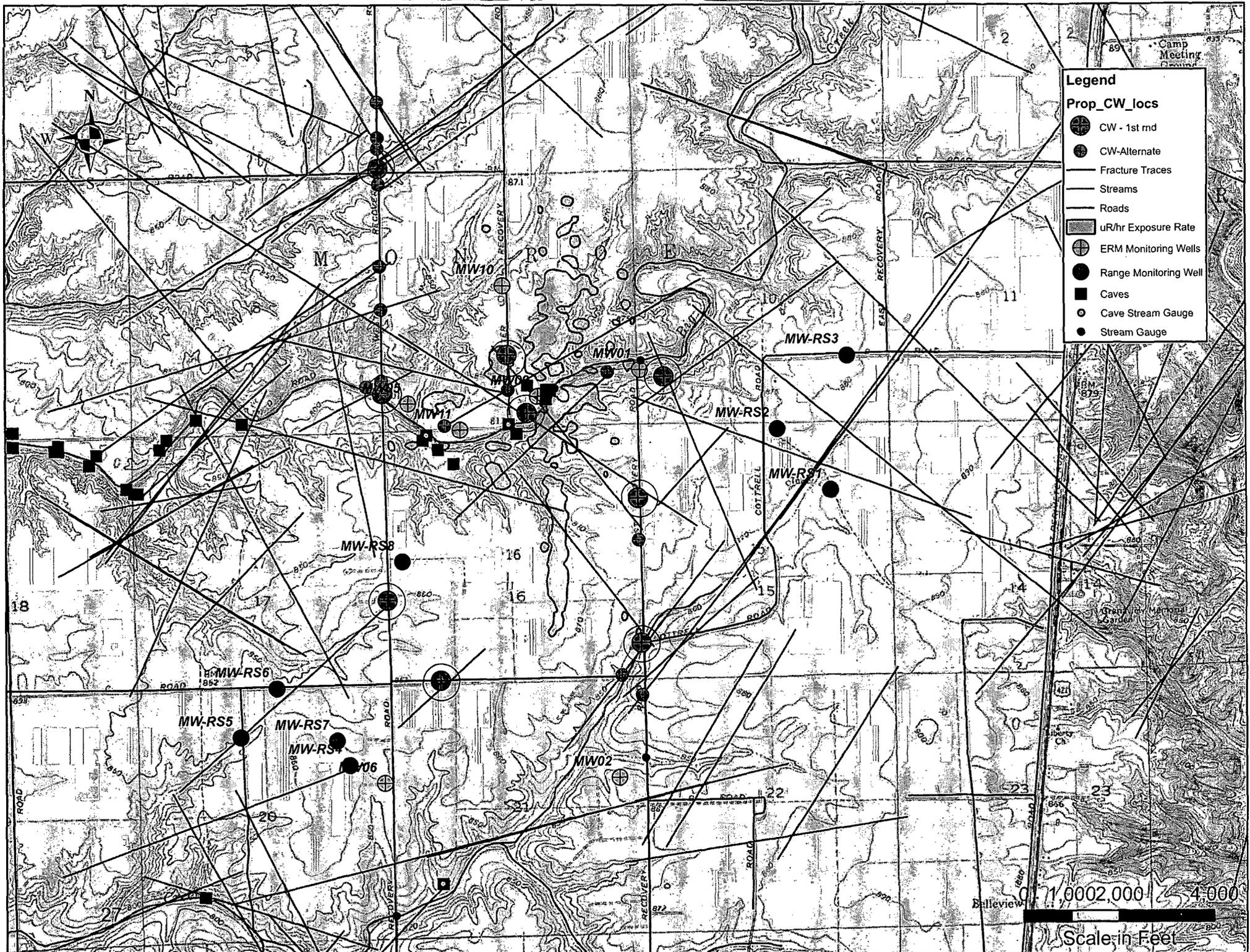
Junk Mail settings when this message was delivered

Junk Mail handling disabled by User
Junk Mail handling disabled by Administrator
Junk List is not enabled
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Conduit Monitoring Well Location Selection Criteria



Good site coverage



Conduit Monitoring Well Locations Summary

- Consideration given to previous geologic studies of JPG, including ERM and Range Study wells, cave locations
- Site model takes into account migration of groundwater through the site along the top of bedrock to preferred flow paths
- Combination of aerial photo fracture trace analysis and Electrical Imaging to identify potential conduit locations.
- Consideration of potential directions of flow from the DU area

Conduit Monitoring Well Locations Summary (cont'd)

- This will provide a network of wells located on the most likely pathways. If DU is migrating with the groundwater, it will be detected.
- Combined with other planned studies, all reasonable pathways will be evaluated.