

8495 92-04 &
8496 92-03

Drummond, Jaclynn

From: King, Brandon [BKing@scsengineers.com]
Sent: Friday, August 21, 2009 12:54 PM
To: Jaclynn Drummond
Subject: LFG probe relocation at NWLF and Feltonsville LF

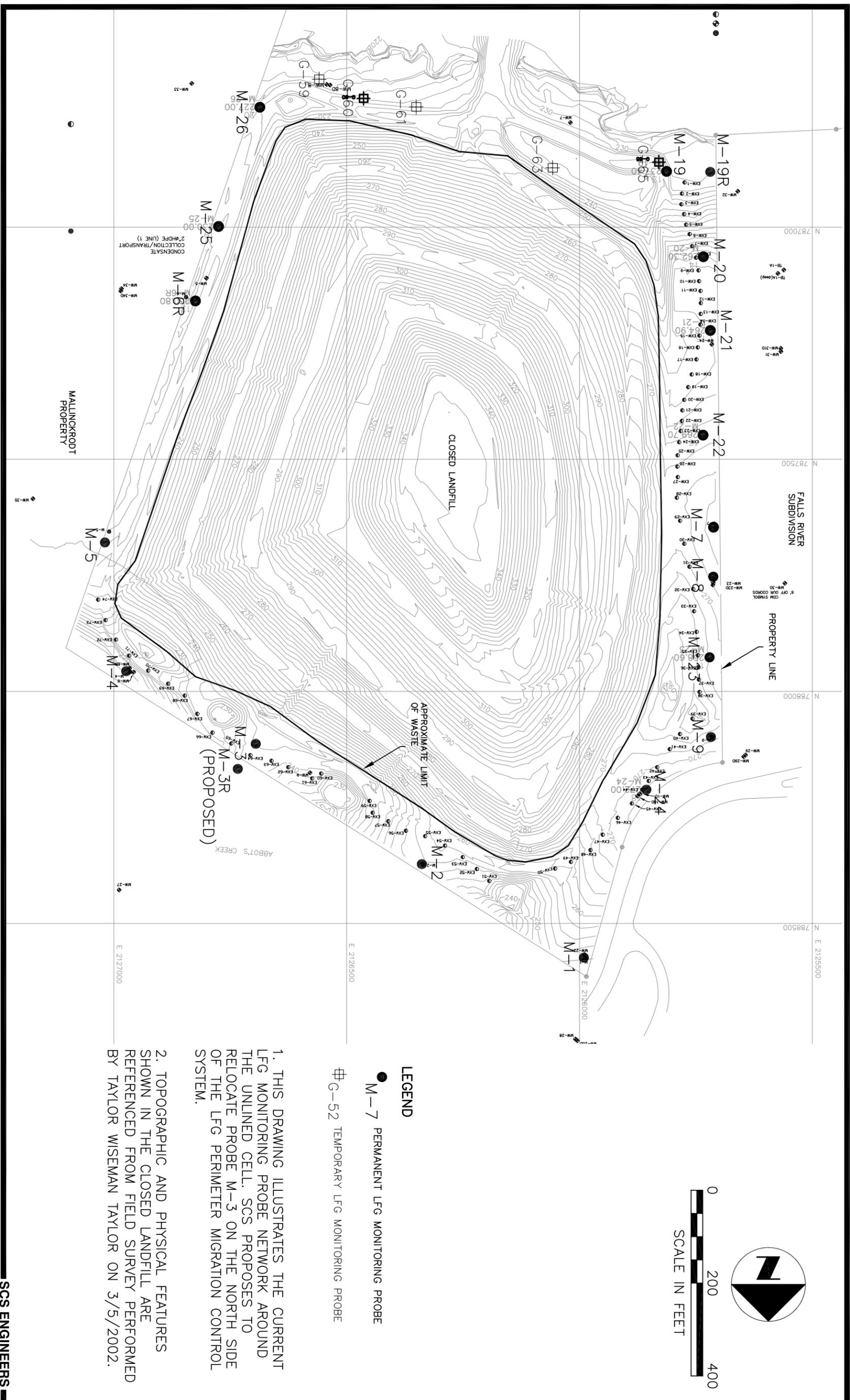
Hi Jackie,

I believe it was one year ago to this day when Bob Dick and I met you and sat with Tommy Esqueda, and Johnny Beal to handle the exceedance issue at South Wake at M-25. I don't know if you remember our light discussion towards the end of the meeting where we discussed the idea of relocating two Feltonsville probes, M-7 and M-9, which are perpetually watered in, thus rendered irrelevant for monitoring in accordance with the compliant boundary network. What documentation do you need in advance to grant SCS and Wake County permission to proceed with the replacement of these two LFG probes?

Also, as you are aware SCS identified an exceedance at LFG probe M-3 at the North Wake County Landfill during the 2nd Quarter monitoring event. After making some adjustments, the probe regained compliant status during a verification monitoring event in June, and again in July and August remonitoring activities. On 8/19/09, when I monitored this probe, the methane content was 4.3 percent. Looking back at the drawing, I notice that M-3 is the only LFG probe that is placed between the unlined landfill and the perimeter migration control system. Since the LFG perimeter migration system pulls LFG towards it from the landfill, it doesn't make sense to have a probe between this system and the landfill. Therefore, SCS proposes to relocate M-3 to the north side of the LFG perimeter migration system. I don't feel that SCS should have to update the LFG Remediation Plan, since the probe regained compliance within 10 days. What is the first step you recommend for implementing a replacement probe M-3R?

Thank you,

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- LEGEND**
- M-7 PERMANENT LFG MONITORING PROBE
 - ⊕ G-52 TEMPORARY LFG MONITORING PROBE

1. THIS DRAWING ILLUSTRATES THE CURRENT LFG MONITORING PROBE NETWORK AROUND THE UNLINED CELL. SCS PROPOSES TO RELOCATE PROBE M-3 ON THE NORTH SIDE OF THE LFG PERIMETER MIGRATION CONTROL SYSTEM.

2. TOPOGRAPHIC AND PHYSICAL FEATURES SHOWN IN THE CLOSED LANDFILL ARE REFERENCED FROM FIELD SURVEY PERFORMED BY TAYLOR WISEMAN TAYLOR ON 3/5/2002.

DRAWING 1 - LFG MONITORING PROBE NETWORK - CLOSED CELL - NORTH WAKE COUNTY LANDFILL (SOLID WASTE PERMIT NO. 92-09) - RALEIGH, NC