

DATE: April 21, 2015

NOTE TO FILE

FROM: Dominick A. Orlando, Senior Project Manager  
Materials Decommissioning Branch  
Division of Decommissioning, Uranium Recovery  
and Waste Programs  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: MAPS OF PIPELINE TRACE AT UMETCO GAS HILLS EAST SITE

The attached email and maps showing the location of the pipeline trace at the Umetco Minerals Corporation, Gas Hills East, Wyoming site were provided by Thomas Gieck of Umetco on April 20, 2015 in support of Umetco's request to revise the ground water monitoring program at the Gas Hills site.

## Orlando, Dominick

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**From:** Gieck, Tom (TE) <gieckte@dow.com>  
**Sent:** Monday, April 20, 2015 4:26 PM  
**To:** Orlando, Dominick  
**Subject:** Gas Hills  
**Attachments:** GH-LAND-12-NRC-Res3.pdf; Scanned from a Xerox PCSF.PDF

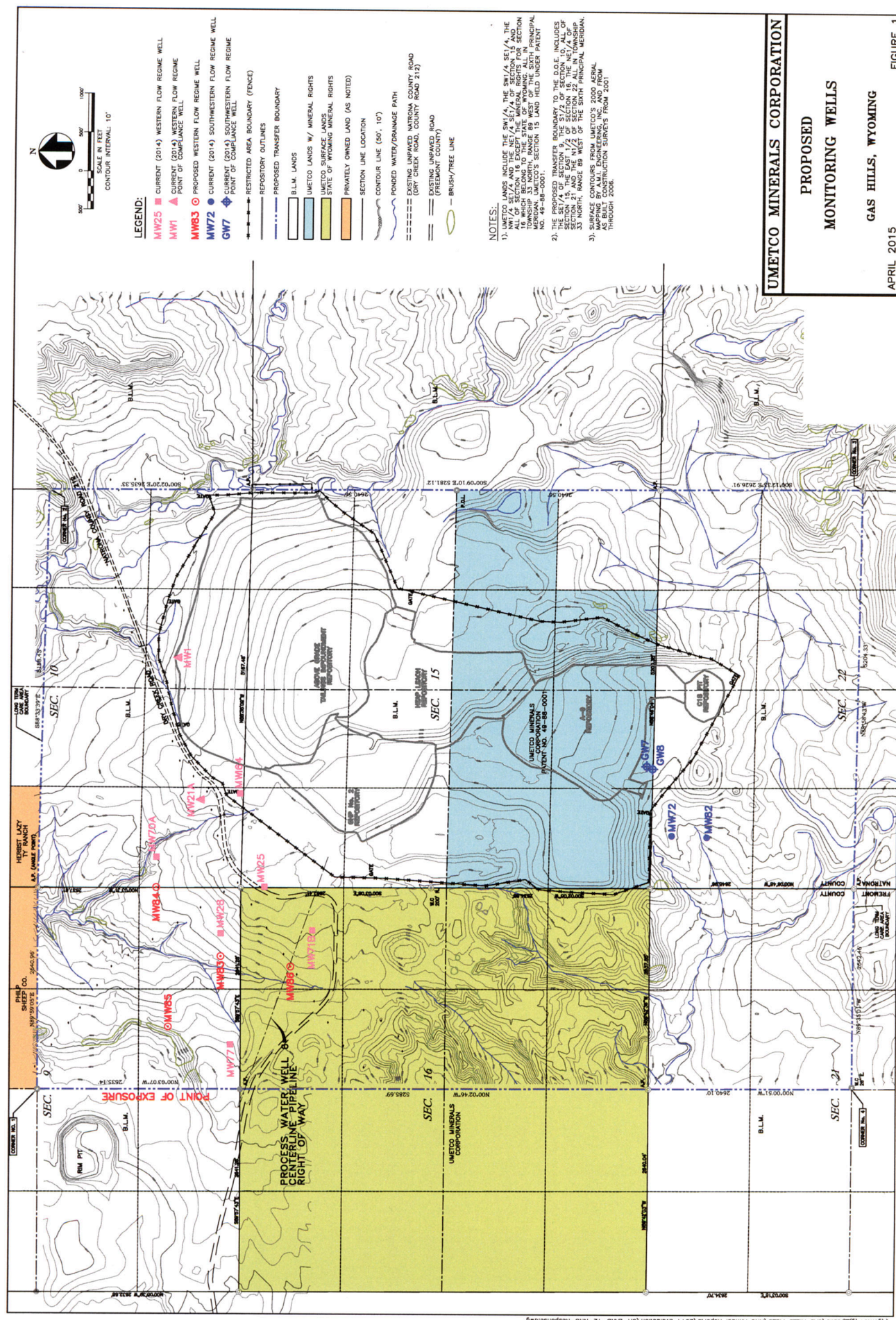
Nick, attached are two maps showing the location of the new well (on Umetco property) in relation to the old process water pipeline that was removed. The scanned drawing is from the windblown/soil cleanup report (submitted to NRC in 2004) that shows the strip of land where the pipeline cleanup occurred with the well plotted on it. Let me know if you need additional details.

Thanks  
Tom

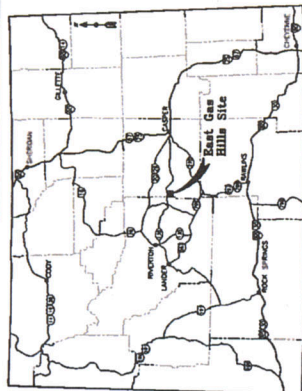
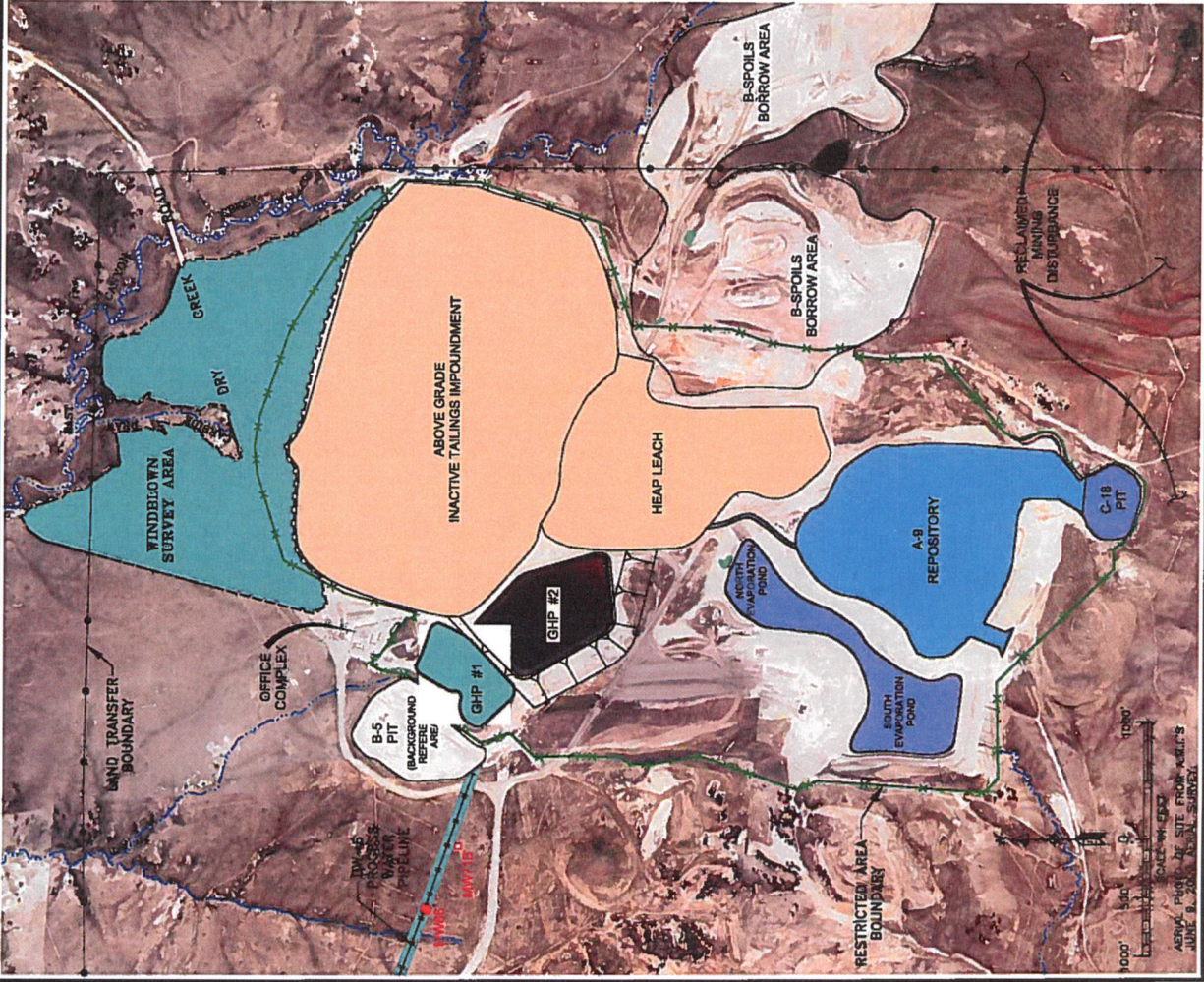
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**Thomas E. Gieck** | Remediation Leader  
2754 Compass Drive, Suite 280, Grand Junction, CO 81506  
phone: 970-256-8889 | mobile: 970-260-2249 | fax: 970-245-7543

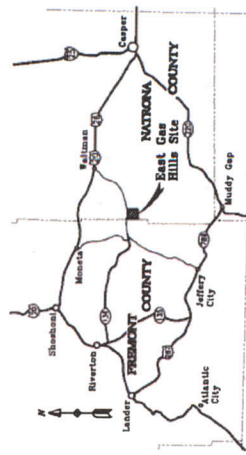




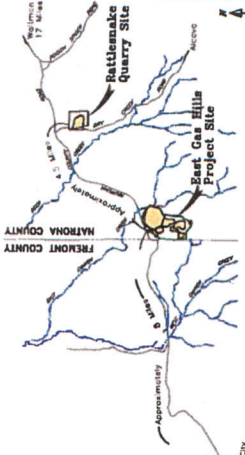




STATE OF WYOMING  
NOT TO SCALE



VICINITY MAP  
NOT TO SCALE



LOCATION MAP  
NOT TO SCALE

**LEGEND:**

- WINDBLOWN STUDY AREA BOUNDARY
- 2002 FINAL STATUS SURVEY AREA
- WINDBLOWN SURVEY AREA
- APPROXIMATELY 111 ACRES
- GHP-1 - APPROXIMATELY 8 ACRES (POND WAS DRAINED AND LINER REMOVED IN AUGUST 2000)
- DW-6 PROCESS WATER PIPELINE, 3 MILES IN LENGTH
- 2001 EXPOSURE RATE SURVEY AREA
- (THESE AREAS BEING SECONDARY FOCUS AREAS UNDER ADDENDUM 3)
- A-9 REPOSITORY GAMMA SURVEY AND A-9 HAIL ROAD VERIFICATION WILL BE PROVIDED IN JUNE 2003 AS ADDENDUM 2 TO THE FSSR WHEN WEATHER PERMITS COMPLETION OF THE SURVEY AND SAMPLING TASKS
- THE GHP NO. 2 GAMMA SURVEY WILL BE SUBMITTED UPON COMPLETION OF GHP NO. 2 RECLAMATION COVER AS ADDENDUM 3 TO THE FSSR.

**LEGAL DESCRIPTION OF LONG TERM CARE BOUNDARY:**

LONG TERM CARE BOUNDARY INCLUDES ALL OF SECTION 15, THE NORTH HALF OF SECTION 22, THE NORTHEAST QUARTER OF SECTION 21, THE EAST HALF OF SECTION 16, THE SOUTHWEST QUARTER OF SECTION 3 AND THE SOUTH HALF OF SECTION 10, ALL LOCATIONS TO THE NORTH, RANGE 89 WEST OF THE SIXTH PRINCIPAL MERIDIAN, SAID LAND CONTAINS 1920 APPROXIMATELY ACRES.

OTHER AREAS ADDRESSED UNDER THE RECLAMATION PLAN: THE EXPOSURE RATE SURVEY FOR THE C-10 PIT WILL BE PROVIDED IN JUNE 2003 AS ADDENDUM 2 TO THE FSSR WHEN WEATHER PERMITS COMPLETION OF THE C-10 BACKFILL. THE RECLAMATION PLAN FOR THE NORTH AND SOUTH EVAPORATION PONDS (A-9B AND A-9C) WAS APPROVED BY THE NRC IN 1999. NO COVER OR BACKFILLING OF THESE AREAS WAS REQUIRED FOR THIS AREA (NRC 1999).

- LAND TRANSFER BOUNDARY
- RESTRICTED AREA BOUNDARY
- DW-6 PROCESS WATER PIPELINE
- FEATURE BOUNDARIES
- DRAINAGEWAYS

**UMETCO MINERALS CORPORATION**  
**SITE PLAN AND LOCATION MAP**  
**GAS HILLS, WYOMING**