

US EPA ARCHIVE DOCUMENT

APPENDIX F
GROUNDWATER QUALITY
COMPLIANCE



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Waste Industry Experts

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January 4, 2007

Mr. Brian McClung
Waste Management, Inc.
P.O. Box 168
Amelia, Virginia 23002

**Re: Maplewood Recycling and Waste Disposal Facility, Permit No. 540
XL Project
Amelia County, Virginia
JEI Project No. 448.20/Task No. 01/File No. 6.2**

Dear Mr. McClung:

In accordance with the Site Rule Making Requirements for the XL Project, Joyce Engineering, Inc. has compared the available groundwater monitoring data (1996 to December 2006) for the uppermost aquifer compliance monitoring network at the Maplewood Recycling and Waste Disposal Facility, Permit No. 540, to the current Maximum Contaminant Levels (MCL) for the constituents that are listed in Table 1 of 40 CFR Part 258.40.

Based on my review, the following constituents in Table 1 of 40 CFR Part 258.40 have been detected at concentrations that exceed the current MCL; however, it is noted that the detected concentrations were less than the facility background concentrations at the time of detection. Subsequently, the concentrations did not represent statistically significant concentrations and the monitoring program at the Maplewood Recycling and Waste Disposal Facility, Permit No. 540, was allowed to continue in the Detection Monitoring Program.

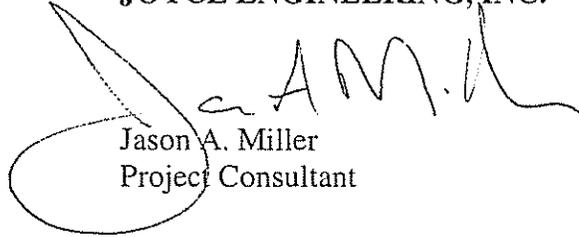
| Constituent | Current MCL (ug/L) | Sample Location | Sample Date | Monitoring Result (ug/L) |
|-------------|--------------------|-----------------|-------------|--------------------------|
| Lead | 15.0 | MW-17R2 | 7/15/97 | 61 |
| | | MW-18 | 10/14/96 | 19 |
| | | MW-22 | 7/9/96 | 30 |
| | | MW-24 | 7/9/96 | 20 |

Note that monitoring wells MW-22 and MW-24 are not part of the existing permitted monitoring network for this facility. Wells MW-22 and MW-24 are scheduled to be added to the monitoring network with expansion of the waste management unit boundary and are currently monitored for background purposes.

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If you have any questions, please contact me at 804-355-4520.

Sincerely
JOYCE ENGINEERING, INC.



Jason A. Miller
Project Consultant

c: Doug Mandeville, Geosyntec Consultants, Inc.

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