



MATERIALS TESTING SUMMARY REPORT

Riverstone Phase 15 – Storm Trench

Submitted to:
City of Lethbridge
910 4 Avenue South
Lethbridge, AB T1J 0P6

Submitted by:
AMEC Earth & Environmental
1430 b 31 Street North
Lethbridge, AB T1H 5J8

July 2008

AMEC File No.: BX10368



25 July 2008
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City of Lethbridge
910 4 Avenue South
Lethbridge, AB T1J 0P6

Attn: Mr. David Petiot

**Re: Materials Testing Summary Report for
Riverstone Phase 15 – Storm Trench, Lethbridge, Alberta.**

At the request of Dave Petiot, of the City of Lethbridge, AMEC Earth & Environmental (AMEC) provided materials testing services during the above captioned backfill operations from June 17th 2008 to July 4th 2008. The scope of the field work involved Nuclear Field Density Tests (ASTM D2922). Laboratory work included conducting standard tests for moisture density relationship of soils (ASTM D698).

Project specifications for compaction of grading and fill materials were 98.0 percent of the SPMDD (Standard Proctor Maximum Dry Density) for all fill areas. Moisture content specifications were at optimum to +3% percent moisture content (OMC). In total, 99 nuclear field density tests were completed and during construction operations.

Copies of the final test results are attached as the following Appendices:

- Appendix A, contains 99 density test results, of which 11 were retests, for the Rough Grading which involved preparation on existing subgrade material prior to placement of fill materials;
- Appendix B, contains the 1 standard Proctor moisture density relationship used in testing the backfill areas;
- Appendix C, contains Alberta Building Code Schedules A-1,A-2, B-1, B-2

It is confirmed that the fill placed within the construction area during the period of June 17th 2008 to July 4th 2008 met or exceeded the minimum specifications.



CLOSURE

This report has been prepared for the exclusive use of the City of Lethbridge and their designers for specific application to the development described within this report. Any use that a third party makes of this report, or any reliance or decisions based on this report are the sole responsibility of those parties. It has been prepared in accordance with generally accepted soil and foundation engineering practices.

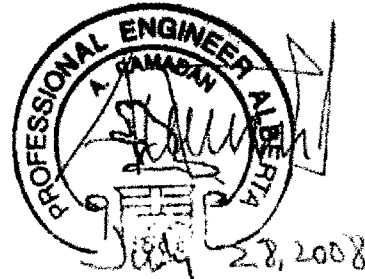
AMEC trusts that this information satisfies your present requirements. If you have any questions, please contact this office.

Respectfully submitted,

AMEC EARTH & ENVIRONMENTAL
A Division of AMEC Americas

John Ftichar
john.ftichar@amec.com

Reviewed by:



Ayoub Ramadan, P.Eng.
Project Engineer