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**Consulting Engineers Ltd.**

Project & Construction Management  
Consulting Civil & Structural Engineers

Andy D. Cooper  
Customer Relationship Manager,  
BOSS International,  
6300 University Avenue  
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USA.

**Ref No.** ADC/07088/PJ

**Date** 21 February 2008

**RE: BOSS International RiverCAD Testimonial**

Dear Mr. Andy D. Cooper,

O'Shea Leader Consulting Engineers Limited is a multi-disciplined consultancy working in the Irish civil and building industry. While we do not tender for major infrastructural development we have a thriving business providing services to the residential and industrial markets for all sizes of developments. The past number of years within the state has seen an overhaul and generally a betterment of the Irish construction industry towards sustainable development; in the context of RiverCAD this includes assessing impacts and formulating mediating measures against the impacts on rivers and catchments. The effects of development on an existing watercourse are now routinely requested as part of requests for further information during development planning.

Initially when considering river modelling software I was surprised to discover that there is no continuous maintenance charge on RiverCAD; in my experience this is unusual and in all honesty led me to be a bit apprehensive about investing. Once I had reviewed the online demonstration I knew that this software would suite our purposees provided that customer support was adequate. In terms of customer service I can confirm that it is second to none; this is not something that can be said for some of the other companies that supply software to O'Shea Leader and is a major factor when investing in software (and hardware).

Prior to investing in RiverCAD hydraulic analysis work was prepared by hand resulting in an ever increasing burden on resources in an age where clients expect more in a shorter time. Since switching to RiverCAD there is a substantial time saving to O'Shea Leader and furthermore local authorities have more confidence in computer modelling rather than hand calculations. In effect the invest in RiverCAD has already paid for itself due to the time saved and the quality of the work generated; additionally the software allows for substantially more detailed analysis and modelling of multiple scenarios in a shorter period increasing the level of service that can now be offered to our clients.

While Irish engineers cannot yet make full use of all the time saving benefits of the system; many of the ground modelling data import options are not available to us yet, O'Shea Leader Consulting Engineers have been able to modify our in house surveying practice to benefit from the time saving applications of RiverCAD.

As the software is fully integrated with the industry standard AutoCAD drafting package is a major boon to users of RiverCAD. Allowing for the fact that at the time of purchasing there are differences between the user interface and user manual there is a relatively short learning curve in becoming proficient with the software. Report generation and integration of results into engineering documents and drawing is also made reasonably simple.

In conclusion O'Shea Leader's investment in the RiverCAD software has proved to be a successful one. Project assessment time has decreased dramatically while the quality of the output information and the numerous options that can be modelled for a development has increased. In operational terms O'Shea Leader Consulting Engineers now have a distinct advantage over our competition and while I cannot recommend the software to other Irish Consultants I can recommend it to engineering professionals outside of Ireland. In hindsight I should have recommended investment in RiverCAD years ago and have since invested in BOSS International StormNET.

Regards,

A handwritten signature in blue ink, appearing to read 'Pierce Jacob', is positioned above the typed name.

Pierce Jacob BEng, NECA Dip Eng, MIEI