

CURRICULUM VITAE

Personal Details

Mr. Gregory Campbell (Civil Engineer)

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Education, Training and Professional Qualifications

University of Dundee: BEng (Hons) in Civil Engineering 2001

M.Sc. by Research Civil Engineering 2005

CDM Training for Designers February 2009

CEFNI: Asbestos Awareness January 2010

Ordinary Member of Engineers Ireland

Employment

September 2010 – June 2011

DS Supervisory Services - CQA Monitor

- **Drumee Landfill Site, Fermanagh** – Cell2 – Lift 3 – Responsible for monitoring and reporting on the CQA works on site for the extension of the existing steepwall lining system. The CQA monitoring works undertaken during the construction of Cell 2 Lift 3 of the steep wall system including: the installation of polystyrene wall blocks; placement of engineered fill, including geogrid; placement of bentonite enriched soil (BES); HDPE Geomembrane liner; Drainage Geocomposite and Slip Surface Geotextile, and the production of a validation report for the NIEA.
- **Broadpath Landfill Site, Devon** – Phase 1.2 Capping 2011– Responsible for monitoring and reporting on the CQA works on site for the construction of a fully contained capping system, including ; Geotextile Protection Layer, LLDPE, Geocompostie Drainage Layer the placement of a 850mm Restoration Soils and 150mm Topsoils. Monitoring works also included the installation of 15No. Sliding Gas Well Boots to existing Gas Wells, and the production of a validation report for the EA.
- **Ugley Landfill Site, Cambridge** – Capping & Gas 2010 – Responsible for monitoring and reporting on the CQA works on site which included the drilling and installation of permanent Gas Wells, connection of a temporary and Permanent Gas System, Decommissioning and Capping of the existing Pin Well System, Installation of Leachate Recirculation System, the construction of a fully contained capping system, including ; GCL with gas collection layer and the placement of a 1m Restoration Soils.

July 2008 – March 2010
Project Engineer, Resident Engineer & GQAM
RPS Consulting Engineers, Boucher Road, Belfast

Waste Management Projects:

- **Whiteriver Landfill Site** – Phase 5 Cell 3 Capping – Designer. Responsible for Tender Assessment, produced the Specified Engineering Works Document along with a Specification and Pricing document for the works to be undertaken by the independently appointed Geosynthetic Quality Assurance Manager.
- **Scotch Corner Landfill Site** – Phase 2 Capping – Designer. Responsible for compiling Tender Documentation and Assessment and compiled Specified Engineering Works document.
- **Mullaghglass Landfill Site** – Phase 2B Works – Designer, Full-Time Resident Engineer & Construction Quality Assurance Manager. Due to void capacity issues, the cell was constructed in two halves which necessitated the production of two CQA reports detailing the construction works undertaken; both reports were submitted to the Northern Ireland Environment Agency (NIEA) at the end of both phases and approval granted.
- **Tullyvar Rock Extraction Works** – Designer, Part Time Site Supervision. Responsibility for Design as well as preparing Contract Documents and Drawings
- **Tullyvar Landfill Site**, Phase 4 Works – Designer, Resident Engineer & Construction Quality Assurance Manager (CQAM).
- **Scarva Road, Civil Amenity Centre** – Full time Resident Engineer on £1.7M contract for the construction of a new Civic Amenity Centre at Scarva Road, Banbridge. The works included the construction of a skip yard, including both conventional and compactor type skips, areas for recycling containers and storage of municipal and household waste, a shed for reuse and a site office, incorporating an education room and parking area.

July 2006 – July 2008
Graduate Engineer
WS Atkins Ltd, Old Channel Road, Belfast, BT3 9DE

Projects:

- **Antrim Marina** – Assistant Designer. Responsibility for carrying out an Options Appraisal on behalf of Antrim Borough Council into the viability of constructing a new Marina and Marina Complex at Lough Shore Park, Antrim, including cost analysis, advantages/disadvantages and AutoCAD drawings of each option.
- **Northern Ireland Sea Defences** – Assistant Project Manager. Produced detailed installation drawings indicating the preferred positions of several new Bench Marks along the Newry River Sea Defence
- **Bmap Catchments Northern Ireland** – Assistant Project Manager. On-site survey works locating and surveying of all culverts in the Lisburn area. Produced calculations using ARC GIS to indicate whether the culverts are capable of dealing with future predicted flows in areas set aside for urbanisation.
- **Strangford Navigation Lights** – Designer
- **Belfast Sewers** - Hydraulic Upgrade Feasibility Options
- **Maze Waste Water Treatment Works** – Assistant Designer
- **Belfast Public Realm Sewer Upgrade Works**

July 2004 – July 2006

Graduate Engineer

Doran Consulting, Malone Exchange, 226 Lisburn Road, Belfast, BT3 6DE

Projects:

- **Dublin Grand Canal Docks** – Condition Assessment. Responsibility for an extensive condition assessment and underwater survey of 3km of dock walls with a team of divers.
- **Portavogie Quay Walls** – Remedial Works. Carried out a condition assessment of the outer breakwater and the bullnose quays to assess the state of damage and type of remedial repair works required also produced contract drawings and contract documents for the works, also carried out tender analysis.
- **Shannon Airport Fuel Farm** – New Bund Wall. Carried out the on-site total station survey from which working drawings were produced and produced planning drawings as well as contract documents and drawings.
- **Victoria Locks** - Newry Canal Assessment. Responsible for a detailed condition inspection and underwater survey of the lock gates, the lock barrel, the sills, the gate mitres the sluices on the gates and the large filling culvert for the lock.
- **Strabane Waterways Project** – Condition Assessment. Involved in carrying out a detailed condition inspection of the canal and the two lock structures as well as the initial design works and production of contract drawings.
- **Wicklow Port** – New Quay Wall. Responsible for designing a retaining wall and producing contract drawings.
- **Talbot Street Development Works** – Resident Engineer.
- **New Boom Barriers** – Lagan Weir – Resident Engineer.
- **Queens University Belfast** – Ducting – Survey and Design.
- **Vodafone and 3**. Conducted site surveys for the site set up of the new generation networks for both Vodafone (Northern Ireland) and 3 (Republic of Ireland). I then produced contract drawings and risk assessments for the new works.

References:

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