

**CURRICULUM VITAE**

**NAME:** Bakken, Tanja  
**BORN:** 1978  
**PROFESSION:** M.Sc./Water, sewage and solid waste Engineer  
**YEARS WITH FIRM:** 1 year  
**PROPOSED POSITION:**  
**NATIONALITY:** Norwegian

**KEY QUALIFICATIONS:**

Tanja Bakken graduated from the Norwegian University of Science and Technology (NTNU) as a Master of Science in 2005. Her main field of study was water, sewage and solid waste. She has, as a part of her Master Thesis, experience in collecting data on the water network in a township in Durban, South Africa. The data collected was implemented in the software Care-W, a rehabilitation planning tool. The area analysed included a number of informal settlements with the consequential problems of illegal connections and un-metered water consumption, which provided a challenging test of the Care-W methodology as applied to South African conditions. She also has experience in designing water and wastewater networks, network mapping (Gemini VA), and she knows the comprehensive geographic information system software ArcGis.

**COUNTRIES OF WORK EXPERIENCE:**

South Africa

**EDUCATION:**

2004-2005 NTNU/ Department of Hydraulic and Environmental Engineering  
 2003-2004 University of Minnesota/ Department of Hydraulic and Environmental Engineering  
 1999-2003 NTNU/Department of Hydraulic and Environmental Engineering  
 1999 NTNU/Ex.phil+ Ex.fac.  
 1994-1997 Sunndal comprehensive school/humanities

**EMPLOYMENT RECORD:**

2005 - To date Norplan AS/Asplan Viak AS (Trondheim, Norway)/ M.Sc./Water, sewage and solid waste Engineer  
 2006 Employer: Norplan AS  
 Maldives Water Management Project, NORPLAN. Staff member; project administration, process design, evaluation of wastewater design.

- 2005-2006      Employer: Asplan Viak AS  
Idéhus Trondheim AS/ Residences Spongdal. Staff member; design of water and wastewater networks, for a new housing estate, 6 residences
  
- 2005-2006      Employer: Asplan Viak AS  
Porsgrunn Municipality / Network condition evaluation, systems analysis, contamination statement. Staff member; analysis using the software ArcGis.
  
- 2005-2006      Employer: Asplan Viak AS  
Trondheim Municipality /Byåsen school. Staff member; design of water and wastewater networks, retention basin for surface water and connection to the public network.
  
- 2005              Employer: Asplan Viak AS  
Fauske Municipality. Staff member; design of water and wastewater networks.
  
- 2005              Master Thesis in cooperation with NTNU, Durban Metro Water Services (DMWS) and The University of KwaZulu Natal i South Africa, "Water Supply in sprawling areas of Metropolitans"

**EXPERIENCE/NOTABLE ASSIGNMENTS:**

- 2005              Master Thesis conducted in Durban, South Africa. *Rehabilitation of water networks in an area including informal settlements.*

**LANGUAGES:**

	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
Norwegian	Mother tongue		
English	Excellent	Excellent	Excellent
German	Fair	Fair	Fair
Spanish	Fair	Fair	Fair

**CERTIFICATION:**

I, the undersigned certify that, to the best of my knowledge and belief, this Curriculum Vitae correctly describes myself, my qualifications and experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if employed.

Date of signing:

Signature: