



Dhanashree Naidoo

---

**PERSONAL DATA**

Company  
Position in firm  
Nationality  
Languages

**DHANASHREE NAIDOO**  
Nemai Consulting  
Project Manager  
South African  
English and Afrikaans

---

**EDUCATION**

- BSc Chemical Engineering – University of Natal. Professionally registered Engineer with ECSA
  - Currently registered with Wits University to complete a Masters Degree in Bio-Medical Engineering
  - Internationally accredited environmental auditor.
  - Unisa – Studying French
  - Social and Institutional Development Certificate – University of Pretoria
  - Completed a course on Agenda 21 by DEAT
  - Public participation certificate – University of Pretoria.
  - Social Impact Assessment Certificate – University of Potchefstroom
- 

**EXPERIENCE AND KEY QUALIFICATIONS****(A) Management**

- 1) Managed the EMP study for the Maputo Corridor in Mozambique. This involved co-ordinating the construction programme, the Social investigation, the Environmental study and working with the South African and Mozambican Environmental Departments, the various Contractors and the Trans African Consortium. This was the largest project in both countries to be designed in accordance to ISO 14001 standards.
- 2) Project managed the environmental programmes for 70 Build, Operate, Train and Transfer (BoTT) projects in the Northern Province. This was an initiative programme from the then Kadar Asmal Projects. Prepared business plans and area development plans for METSICO, the consortium appointed by DWAF to facilitate the projects.

**(B) EIA's, SIA's and EMPs'**

- 1) EIA for Soweto-Parktown Bus Rapid Transit (BRT) development, including upgrade of 9 sections of road, for the Johannesburg Development Agency.
- 2) EIA for upgrade of road from Pokeng to Sun City.
- 3) EIA for North South Link Road in Greater Alex for City of Johannesburg Metropolitan Municipality.
- 4) EIA for the upgrade of Hendrik Verwoerd Drive as part of the revitalisation of the Randburg area for the Johannesburg Development Agency.
- 5) EIA for the construction of the Northern Gateway for the Johannesburg Development Agency

---

June 2007

- 6) Boksburg Cason Pipeline –Completed detailed EIA for the construction of a 13 km pipeline.
- 7) Bethal Pipeline – EIA on a pipeline in Bethal. Pipeline goes through very sensitive environments.
- 8) EIA for filling station in Weltevreden Park
- 9) Cement Mortar Lining – EIA for the cement mortar lining of a 30 km pipeline in Zonkesizwe and Vosloorus
- 10) Total Gas holding facilities, Senegal – Completed Environmental Impact Assessment Study for the existing infrastructure as well as a new gas sphere.
- 11) EIA and SIA of 30km long pipeline in Germiston.
- 12) EIA, SIA and EMP for 13km long pipeline in Boksburg. Responsible for the relocation of informal dwellers on the servitude in Villa Liza. Instrumental in rezoning the servitude area as public open space so that the community of Villa Liza and Windmill Park ext 2 can now use the land for recreational purposes. This is a novel approach.
- 13) EIA for Casino Development in Queenstown. Involved details Social Impact Assessment study of the project on the community and EIA because the casino is to be located in the De Lange Nature Reserve.
- 14) EIA for Cast Iron Pipe Factory in Pretoria. Was successful in getting the Client, Stanton from the UK, an exemption on the project.
- 15) EIA and EMP for pipeline for Hartbeespoortdam Local Town Council
- 16) EIA, EMP and SIA for toll Facilities, Boardwalk and Parking Area for Hartbeespoortdam Local Town Council
- 17) EIA and EMP for water reticulation project in Piet Gouws.
- 18) I was employed by the Inspectorate Division in Gauteng for the period from January 2000 to March 2000 as a Senior Environmental Officer.
- 19) EMP and social survey for the Witbank to Maputo Toll road on the Mozambican side.

---

"I Dhanashree Naidoo confirm that the above CV is an accurate description of my experience and qualifications.

Signed .....

**D. Naidoo**

.....

**Date**

---

**PERSONAL DATA**

Nationality  
Languages  
Current Position

CIARAN CHIDLEY  
South African  
English and Afrikaans  
Project Manager

---

**EDUCATION AND PROFESSIONAL QUALIFICATIONS**

- Registered Professional Engineer with the Engineering Council of South Africa – Reg. no. 980360
  - B.Sc (Eng) Civil Engineering – University of the Witwatersrand
  - B.A. Economics, Philosophy – University of South Africa
  - Master of Business Administration – University of the Witwatersrand
  - Certified training as an Occupational Health and Safety Officer.
- 

- |  |  |
|--|--|
| Frances<br>Baard District<br>Municipality<br>EMF and<br>SEMP | <ul style="list-style-type: none"><li>• Specialist contributor for the economic, GIS and development aspects of the Frances Baard Municipality Environmental Management Framework and SEMP. The FBDM is centred around Kimberley in the Northern Cape. The EMF spatially represented and controlled areas for development. This was supported by a Strategic Environmental Management Plan.</li></ul>  |
| Namakwa<br>District<br>Municipality<br>EMF and<br>SEMP       | <ul style="list-style-type: none"><li>• Project leader for the development of the Namakwa District Municipality Environmental Management Framework. The NDM is the largest District in the country and is located in the Northern Cape. The EMF spatially represented and controlled areas for development. This was supported by a Strategic Environmental Management Plan.</li></ul>   |
| Hazelmere<br>Dam Raising<br>EIA                              | <ul style="list-style-type: none"><li>• Project leader of the raising of the Hazelmere Dam EIA. The project involved the raising of the dam by 7m to increase the dam yield. The EIA involved the review of various specialist disciplines including flora, fauna, heritage, visual, operational rules and a social impact assessment. Comprehensive public participation was conducted for the project including the conducting of focus groups sessions and open days.</li></ul>                                 |
| EMF for the<br>Jukskei River<br>Catchment                    | <ul style="list-style-type: none"><li>• Responsible for economic and riverine structure aspects of the EMF. The Jukskei River is the largest river running through the city of Johannesburg and is extensively degraded due to urban development. The EMF recommended measures to be taken to manage the river, both in its riverine health and structure</li></ul>  |
| Empangeni<br>Richards Bay<br>Waste Water<br>Link             | <ul style="list-style-type: none"><li>• Project leader of the EIA for a new waste water pipeline linking Empangeni's Industrial areas to the Richards Bay Main Outfall. The pipe length was 20 kilometres. The EIA included route review, flora and fauna specialist studies and risk assessment across a road bridge crossing. A public participation campaign was conducted along the route and yielded co-operation with all affected landowners. Was involved in negotiations for crop compensation.</li></ul> |

- 
- |  |   |
|--|---|
| Phokeng to Sun City Road                                   | <ul style="list-style-type: none"><li>• Project leader for the widening and re-routing of the main transport link between Rustenburg and Sun City. The road width was doubled along its length and re-routed around the town of Boshhoek. The EIA involved extensive consultations with landowners landowners regarding environmental impacts and expropriation processes. The re-routing of the road around Boshhoek was highly controversial and necessitated a comprehensive socio-economic study. Additional specialist studies involved flora, fauna and heritage. Applications were also made to DME for permissions to create and use borrow pits.</li></ul> |
| Gauteng Department of Housing EIAs                         | <ul style="list-style-type: none"><li>• Project leader for all the EIAs conducted for Housing Developments in Tshwane during a three year period. The project involved EIAs for 32 sites and included the conducting and oversight of specialist studies ranging from socio-economic, flora, fauna, heritage, visual impacts, noise impacts and traffic studies. The projects all involved Public Participation and liaison with community structures.</li></ul>  |
| Fairbreeze C Ext Public Participation                      | <ul style="list-style-type: none"><li>• Project leader for the Public Participation campaign for the EIA required for the establishment of a Mineral Sands Mine adjacent to Mtunzini, Kwa-Zulu Natal. The project was controversial and a series of 12 public meetings were necessary for the project. Impacts and mitigations formed an important part of the process and as such close liaison with the various specialists was necessary. In this cae, the specialist studies were geology, geo-hydrology, water resources, avi-fauna, heritage, socio economic, noise, visual, operational rules and traffic.</li></ul>   |
| Fairbreeze C Ext Socio-Economic Study Public Participation | <ul style="list-style-type: none"><li>• Conducted the Socio-Economic specialist study for the project. The study presented the socio-economic status quo of the area, generated impacts that the mine would have on the community and suggested mitigation measures. The report was included in the final EIA for the mine.</li></ul>   |
| ERPM Mine Water  | <ul style="list-style-type: none"><li>• Project leader for a project that identified the various sources of the ground water reporting to the ERPM Mine. The Mine is one of the lowest in a chain of gold mines along the so called Main Reef of the Witwatersrand, As such, mine water from "higher" mines decant through existing mine workings to reach ERPM, a distance of 50 kms. The report demonstrated that water was indeed reporting from other mines and from surface holings considerable distances away from the mine. The report was used to justify the sharing of pumping costs incurred by ERPM to keep their works free of water.</li></ul>       |

---

I, undersigned certify that to the best of my knowledge and belief this data correctly describes me, my qualification and my experience.

***Signature of Staff Member***

***Date: 20 September 2010***



---

**PERSONAL DATA**

Company

Position in firm

Nationality

Languages

**DONAVAN HENNING**

NEMAI Consulting

Senior Scientist, Water Resource Specialist

South African

English and Afrikaans

---

**EDUCATION AND PROFESSIONAL QUALIFICATIONS**

---

- B.Sc – Rand Afrikaans University
- MSc (Aquatic Science) – Rand Afrikaans University

**RELEVANT EXPERIENCE: Environmental Impact Assessments**

- (1) Assisted in the public participation process for the sinking of a Beatrix Mine vent shaft.
- (2) Performed EIAs and prepared EMPs for Johannesburg Water sanitation and water supply projects for 2003/2004 and 2004/2005 financial years.
- (3) EIA for expansion of sewerage Bushkoppies Waste Water Treatment Plant. Performed biomonitoring on Klip River.
- (4) EIA for 80km long pipe from Randfontein to Rustenburg. Responsible for all bio-monitoring surveys of rivers crossed in the project.
- (5) EIA for a fish barrier on the Mooi River upstream of Spring Grove Dam.
- (6) EIA for Acrylic Acid and Acrylates De-Bottlenecking Project.
- (7) Prepared motivation for exemption of an EIA for a railway crossing, and prepared a scoping report for a river crossing, as part of the expansion of mining operations by Ingwe Coal. Undertook public participation for the aforementioned projects.
- (8) EIAs for river bank stabilization and flood attenuation features in the Jukskei River.
- (9) EIA and EMPR for waste rock dump at Beatrix Gold Mines, with public participation.
- (10) EIA for proposed Westlake Township development (economic housing project)
- (11) Undertook EIA for low-cost housing development in Soshanguve (ext. 11, 12 and 13), Tshwane.
- (12) EIA for upgrade of De Deur/Walkerville Waste Disposal Site.
- (13) EIA For Parkhaven Filling Station, Boksburg.
- (14) EIA for Zandspruit Pumpstation, Rising Main and Existing Sewer Line for Johannesburg Water.
- (15) EIA for the Fischer Tropsch Wax Expansion project, for Sasol Technology.
- (16) EIA for the Neptune-Poseidon 400kV power line, for Eskom Transmission.
- (17) EIA for the de-bottlenecking of the Acrylic Acid and Acrylates (AAA) complex, for Sasol Technology.
- (18) EIA for the Mokolo Crocodile (west) Water Augmentation Project, for Department of Water Affairs.
- (19) EIA's for the following projects:
  - (i) Modderfontein Outfall Sewer;
  - (ii) Olievenhoutbosch Ext 37 low cost housing development;
  - (iii) Aspen eco-estate development;
  - (iv) Fairview estate development;
  - (v) Edenville Bulk Water Supply;
  - (vi) Braam Pretorius Street Extension;
  - (vii) Rehabilitation of Fairland Spruit;



- 
- (viii) Kempton Park Outfall Sewer; and
  - (ix) EIAs for Johannesburg Water's 2004/2005 Capital Projects.

**Declaration:**

I confirm that the above CV is an accurate description of my experience and qualifications.

A handwritten signature in blue ink, appearing to be "H. H. H. H.", written over a circular stamp or mark.

Signature of Staff Member

Date: 14 April 2010



**Personal Details**

**Name and Surname** : Manogrie Chetty  
**Date of birth** : 05 June 1984  
**Occupation** : Senior Environmental Officer  
**Qualification** : Bsc (Hons) Biological Sciences  
**Nationality** : South Africa  
**Name of Firm** : Nemai Consulting  
**Years with the firm** : 2 months

**EDUCATION AND PROFESSIONAL QUALIFICATIONS**

Highest Qualification	Institution	Date
Bsc Biological Sciences	University of Kwa-Zulu Natal	2002-2005
BSc (Hons) Biological Sciences	University of Kwa-Zulu Natal	2006
MSC-CW Environmental Sciences	University of Kwa-Zulu Natal	2008 to Present

**RELEVANT EXPERIENCE**

- ECO monitoring audits for the eThekweni Municipality Sapref Substation (November 2011 – February 2012).
- ECO monitoring audit and reports for the construction of the FFS Small Depot (December 2008 – June 2009).
- ECO monitoring audit and reports for the Fernleigh housing development (October 2008 – March 2009).
- EMPr for the Rehabilitation of the Ogunjini Water Treatment Plant within the eThekweni Municipality (January 2012).
- EMPr for the Fraser informal settlement proposed sewerage treatment scheme within the eThekweni Municipality (May 2011).
- BAR and EMP for the construction of a taxi holding area in Brookside, PMB (February 2011).
- EIR and EMPr for the reconstruction of the salt rock hotel (May 2012).
- BAR and EMPr for the Tongaat Hulett Developments sewage options for the uMhlatuzana catchment (January 2011).
- EIR, EMPr and the rehabilitation plan for the application submitted to DME for the proposal to continue the mining of gravel by Stockville Quarries (January 2011).
- EIR and EMPr for the Lulubush Wildlife Estate (January 2011).
- Scoping report for the construction of a 2500m<sup>2</sup> processing facility to remove contaminants from waxy oil at FFS (December 2010).
- EIR and EMP for the construction of a petroleum product tank storage facility at FFS Refiners (Pty) Ltd (December 2010).
- Environmental Impact Report (EIR) and Environmental Management Programme (EMPr) for the Burlington extension subsidy housing development (November 2010).
- EMPr for use of the Durban International Old Airport Site as a Vehicle Storage Depot,

- Remainder of Durban Airport No 14263 (October 2010).
- Presentation of the NEMA 2010 EIA Regulations for Tongaat Hulett Developments (September 2010).
  - BID for the Roseneath Gardens Housing Development (July 2010).
  - Preliminary Environmental Assessment Report for the proposed upgrade of low cost housing units in Sim Place, KZN (July 2010).
  - EIR and EMP for the proposed construction of a pressure reducing station for the Phoenix area gas supply (May 2010).
  - EMP for the rezoning of 34 Old Main Road, Hillcrest, KZN (April 2010).
  - Scoping Report for the proposed construction of a pressure reducing station for the Phoenix area gas supply (January 2010).
  - Scoping Report for the Burlington extension subsidy housing development (December 2009).
  - Scoping Report for the Tshelimnyama Housing Development (October 2009).
  - BID for the Ntuzuma – E housing development (October 2009).
  - BAR for the construction of a garden refuse transfer station for Ntuzuma A (site 7), KZN (September 2009).
  - Feasibility report for the proposed lead recovery process as an upgrade to the existing de-silverising process at the Associated Additives site (September 2009).
  - BAR for the construction of a garden refuse transfer station for Umlazi – BB (site 7) and Umlazi – V (site 8), KZN (July 2009).
  - BAR for the construction of a torbanite pilot plant at FFS Refiners, PMB (June 2009).
  - Environmental Management Plan (EMP) for the rezoning application for 27 Old Main Road, Gillits, KZN (May 2009).
  - Scoping Report for the construction of a new lead recycling plant at 245 Lansdowne Road (March 2009).
  - Basic Assessment Report (BAR) for the construction of a Heavy Metal Free (HMF) stabilizer plat at the Associated Additives site in Durban (April 2009).

**Declaration:**

I confirm that the above information is an accurate description of my experience and qualifications.

Manogrie Chetty  
Senior Environmental Officer

July 2012