

## APPENDIX J

---

### CURRICULA VITAE OF EAPs

## CURRICULUM VITAE – Dhanashree Naidoo

### 1. Personal Particulars

<b>Name:</b>	Dhanashree (Nicky) Naidoo
<b>Date and place of birth:</b>	1973-03-27, South Africa
<b>Place(s) of tertiary education and dates associated therewith:</b>	University of Natal 1991 to 1994
<b>Professional awards:</b>	

### 2. Qualifications

Institution (Date from – Date to)	Degree(s) or Diploma(s) obtained
University of Natal 1991 to 1994	B.Sc. Chemical Eng
<b>Membership of professional bodies:</b>	IAIA, SAICheEng

### 3. Name of current employer and position in enterprise

<b>Name of current employer:</b>	Nemai Consulting
<b>Position in enterprise:</b>	Director

### 4. Overview of post graduate / diploma experience (year, organization and position)

<b>Date (From – To)</b>	1995 - 1998
<b>Organisation</b>	ESKOM
<b>Position</b>	Engineer
<b>Date (From – To)</b>	1998 – 1999
<b>Organisation</b>	Bergman Ingerop
<b>Position</b>	Environmental and Social Engineer
<b>Date (From – To)</b>	2000 to date
<b>Organisation</b>	Nemai Consulting
<b>Position</b>	Director

### 5. Outline of recent assignments / experience that has a bearing on the scope of work

EIA for 300km Powerline – North South Strengthening in Mpumalanga, for Eskom
EIA for Dwaalboom switching station EIA, for Eskom
EIA for the Umtata Substation, for Eskom
EIAs for the Bus Rapid Transport System in Johannesburg
EIA for the Northern Works Cemetery, for Johannesburg City Park
Project management of EIAs for Bus Rapid Transport System from Soweto to Parktown (Sections 1 to 14), for Johannesburg Development Agency

---

Public participation for the implementation of the Bus Rapid Transport System for Harrison and Rissik Street, for Johannesburg Development Agency
Project management of EIA for PWV3/N3 Interchange and Frontage Roads, for Heartland Properties
SEA (EMF) for the Greater Kliptown Development, for Johannesburg Development Agency
Environmental Management Framework and Strategic Environmental Management Plan for the Jukskei River, for the City of Johannesburg
Project management of EIA for the upgrade of Bertrams Road, for Johannesburg Development Agency



## 1 Personal Particulars

---

<b>Proposed Position:</b>	Senior Environmental Assessment Scientist
<b>Profession:</b>	Environmental Management
<b>Date of Birth:</b>	06 December 1976
<b>Name of Firm:</b>	Nemai Consulting
<b>Name of Staff:</b>	Donovan Henning
<b>Years of Experience:</b>	17
<b>Nationality:</b>	RSA
<b>Membership of Professional Societies</b>	EAPSA SACNASP Reg no: 400108/17

## 2 Education

---

M. Sc. Freshwater Ecology, RAU, 2001

## 3 Selected Experience

---

### (A) WATER RESOURCE MANAGEMENT

- (1) Prepared Applicant Guidelines, Decision-support System and standard Record of Decision for Section 21(c) and (i) water uses (National Water Act), for the then Department of Water Affairs and Forestry (DWAF).
- (2) Developed the risk-based approach, reporting mechanism and model for the then DWAF's Sustainable EMS, based on ISO 14001 and international best practices. The study focus on Water Resource Management.
- (3) Updating of the then DWAF's Integrated Environmental Management Framework and integration of the Integrated Environmental Management tools, with a focus on Water Resource Management.
- (4) Prepared Catchment Management Framework for the Upper Klip River for the City of Johannesburg.
- (5) Developed a Rehabilitation Plan for Bruma Lake for the City of Johannesburg.
- (6) Assisted in the preparation of an Environmental Management Framework for the Jukskei River, where responsibilities included the analysis of water quality, biomonitoring, development of technical intervention measures and associated implementation plan.

### (B) ENVIRONMENTAL IMPACT ASSESSMENT (EIA) & WATER USE LICENCE (WULA)

- (1) EIA for the Water Transfer Scheme from Mokolo Dam to Lephalale as part of the Mokolo Crocodile West Water Augmentation Project, for the Department of Water Affairs.
- (2) EIA and WULA for the uMkhomazi Water Project Phase 1: Raw Water and Potable Water in KZN, for DWS and Umgeni Water.
- (3) EIA for the Ncwabeni Off-Channel Storage Dam in KZN, for DWS.
- (4) EIA and WULA for the Lower uMkomazi Bulk Water Supply Scheme, for Umgeni

- Water.
- (5) EIA and WULA for the Augmentation of the Western Cape Water Supply System (Voëlvlei Dam), for DWS.
  - (6) EIA, and WULA and borrow pit application for the proposed Foxwood Dam and associated infrastructure in Eastern Cape, for DWS. This dam is to allow for a proposed irrigation scheme downstream on the Koonap River.
  - (7) EIA for Soshanguve South Ext 11 – 13 Housing Development, Tshwane.
  - (8) EIA for Esther Park Housing Development, Ekurhuleni.
  - (9) EIA for Syferfontein Mixed Typology Housing Development, Gauteng.
  - (10) EIA for the mixed-use development of Portion 5 of Brandkop Farm No. 702, Bloemfontein.
  - (11) EIA for the Fischer Tropsch Wax Expansion project, for Sasol Technology.
  - (12) EIA for the de-bottlenecking of the Acrylic Acid and Acrylates (AAA) complex, for Sasol Technology.
  - (13) EIAs and prepared EMPs for Johannesburg Water sanitation and water supply projects for 2003/2004 and 2004/2005 financial years.
  - (14) EIA for expansion of sewerage Bushkoppies Waste Water Treatment Plant. Performed biomonitoring on Klip River.
  - (15) EIA for 80km long pipe from Randfontein to Rustenburg. Responsible for all bio-monitoring surveys of rivers crossed in the project.
  - (16) EIA for a fish barrier on the Mooi River upstream of Spring Grove Dam.
  - (17) EIA for the Neptune-Poseidon 400kV Power Line from East London to Cookhouse for Eskom.
  - (18) EMPs for the Acacia, Koeberg, Rugtevalei, Hydra 01 and Hydra 02 Substations for Eskom.
  - (19) EIAs for river bank stabilization and flood attenuation features in the Jukskei River.
  - (20) EIA and EMPR for waste rock dump at Beatrix Gold Mines, with public participation.
  - (21) EIA for proposed Westlake Township development (economic housing project)
  - (22) EIA for low-cost housing development in Soshanguve (ext. 11, 12 and 13), Tshwane.
  - (23) EIA for upgrade of De Deur/Walkerville Waste Disposal Site, for Midvaal Local Municipality.
  - (24) EIA For Parkhaven Filling Station, Boksburg.
  - (25) EIA for Zandspruit Pumpstation, Rising Main and Existing Sewer Line for Johannesburg Water.
  - (26) EIA for the Makalu B Substation and Loop in Lines in Sasolburg, for Eskom.
  - (27) EIA for the Offshore Sandwinning for Developments within the Port of Durban, for Transnet.
  - (28) Developed the Environmental and Social Management Plan for Kivu 56 - Extraction of Gas and Electric Power Production Plant in the Rubavu District of the Western Province, Rwanda.
  - (29) Project managed various EIAs, including the following:
    - a) Modderfontein Outfall Sewer;
    - b) Olievenhoutbosch Ext 37 low cost housing development;
    - c) Aspen eco-estate development;
    - d) Fairview estate development;
    - e) Edenville Bulk Water Supply;
    - f) Braam Pretorius Street Extension;
    - g) Rehabilitation of Fairland Spruit;
    - h) Kempton Park Outfall Sewer;



- i) Garsfontein Pipe Reinforcement;
- j) Tembisa Reservoir Pipeline;
- k) Zuikerbosch embankment stabilisation;
- l) Zuikerbosch Central Sludge Pipeline;
- M) Mahube Valley Ext. 15 low cost housing development.

**(C) ENVIRONMENTAL MANAGEMENT FRAMEWORK (EMF) & STRATEGIC ENVIRONMENTAL ASSESSMENT (SEA)**

- (1) EMF for the Frances Baard District Municipality.
- (2) EMF for the uMkhanyakude District Municipality.
- (3) EMF for the Ugu District Municipality.
- (4) EMF for the uThukela District Municipality.
- (5) EMF for the uMzinyathi District Municipality.
- (6) EMF for the Harry Gwala District Municipality.
- (7) SEA for the Port of Durban, for Transnet National Ports Authority.
- (8) Integrated Environmental Management Plan for the Sol Plaatje Local Municipality.
- (9) Biophysical review and planning for the development of the Namakwa District Municipality Environmental Management Framework.
- (10) Biophysical and river health investigation for the EMF and SEMP for the Mthonjaneni Local Municipality.
- (11) EMF for the Jukskei River.
- (12) EMF for the Great Ellis Park development.
- (13) EMF for the Mapungubwe World Heritage Site for DEA.
- (14) EMF for the Dr Kenneth Kaunda District Municipality.

**(D) RESOURCE MONITORING**

- (1) Fieldwork with Department of Environmental Affairs and Tourism, in the Northern Province. In a biomonitoring team, was responsible for performing SASS4, IHAS (Integrated Habitat Assessment System), HQI (Habitat Quality Index), and assisting in performing the FCI (Fish Community Index) and RVI (Riparian Vegetation Index).
- (2) Extensive practical fieldwork in biomonitoring of rivers in the Mpumalanga, Gauteng and North West Provinces. Performed SASS4, IHAS, HQI and chemical water sampling and analysis.
- (3) Performed biomonitoring of numerous urban rivers (e.g. Jukskei River, Braamfonteinspruit, Sandspuit and Klipspruit) to obtain baseline data to detect disturbance and non-compliance of various construction activities on aquatic ecosystems.
- (4) Assisted in the completion of the State of the Rivers Report for the Luvuvhu River.
- (5) Experience in Fish Health Assessment Index.
- (6) Performed biomonitoring on the Klein-Olifants River and Bosmanspruit in Mpumalanga to obtain baseline data for expansion of mining operations by Ingwe Coal.
- (7) Performed biomonitoring (SASS4, IHAS, RVI, habitat integrity index) on the lower Jukskei River to obtain baseline data for a proposed housing development.
- (8) Performed the Fish Health Index (FHI) on various fish species in the Vaal Dam.
- (9) Performed biomonitoring (SASS5, IHAS) on the Sesmyspruit for the Irene River development



**(E) MANAGEMENT**

- (1) Project managed the preparation of an EMF for the Klipspruit, where responsibilities included the analysis of water quality, biomonitoring, development of technical intervention measures and wetland action plans, and aiding in the set up of the GIS.
- (2) Project managed the preparation of the Kliptown Environmental Management Framework, where responsibilities included the (1) establishment of the status quo of the environment, (2) generation of Action Plans to address environmental deficits, (3) preparation of an Environmental Management Plan with area-specific mitigation measures for construction, (4) preparation and management of a Geographical Information System.
- (3) Project managed the EIAs for Johannesburg Water's 2004/2005 Capital Projects.
- (4) Project managed the EIAs for Johannesburg Water's 2005/2006 Capital Projects.

**(F) INSTITUTIONAL AND SOCIAL DEVELOPMENT**

- (1) Performed environmental training for Rand Water employees.
- (2) Held public meetings to garner community views on the Jukskei River during the compilation of the Jukskei River EMF.
- (3) Completed a social survey for DWAF, on the impact of defunct mines in the Loskop Dam area on the social environment.
- (4) Undertook investigation of social facilitation aspect of four housing developments in Metsweding, namely Ekangala F1, F2 and F3, Rethabiseng Proper, Zithobeni Ext 8 and Onbekend, as well as numerous housing developments in Tshwane.
- (5) Performed a needs assessment for the Bekkersdal Township in the West Rand, and prepared Business Plans for combined school sports facilities and a water ring feed.
- (6) Undertook water and sanitation needs assessment for seven of the fourteen Southern African Development Community (SADC) member states.

**(G) RESEARCH PROJECTS (IN CONJUNCTION WITH VARIOUS INSTITUTIONS)**

- (1) Undertook study, funded by WRC and CSIR, of the evaluation of the role of a local biomonitoring method in the Ecological Risk Assessment process and in the determination of Resource Directed Measures for the Luvuvhu River
- (2) Prepared Guideline to develop a Sustainable Urban River Management Plan, funded by WRC.

**(H) COMPILING SPECIFICATION DOCUMENTS**

- (1) Wrote decommissioning phase of general EMP plan.
- (2) Prepared decommissioning strategy for pipe-manufacturing plant.

**(I) RISK ASSESSMENTS**

- (1) Performed Human Health Risk Assessment on contaminated fish from a Zambian copper mine.
- (2) Experience in working with human health risk assessment software package Risk\*Assistant™.



## (J) TECHNICAL PROJECTS

- (1) Assisted in the identification of mine holdings, sampling of surface and groundwater, and preparation of concomitant GIS.
- (2) Prepared Rand Water GIS for a pipeline in the Germiston region. The GIS incorporated significance ratings of environmentally sensitive features to assist in the integration of sensitive issues in future undertakings in the respective area.
- (3) Acted as an on-site Environmental Officer during the open-trench crossing and subsequent rehabilitation of a dyke in North Riding.
- (4) Prepared GIS for service breakdowns and bylaw contraventions in Greater Ellis Park

## (K) ENVIRONMENTAL MONITORING PROJECTS

- (1) Olifants River Water Resources Development Project (ORWRDP) Phase 2C: Environmental Monitoring.
- (2) Mooi Mgeni Transfer Scheme Phase 2 (MMTS-2) Construction of Spring Grove Dam and associated works for TCTA.
- (3) BRT Phase 2, for JDA.
- (4) Upgrade of the P1 pipeline in the Magaliesburg Protected Natural Environment, for Rand Water.
- (5) Leeukop Relief Outfall Sewer, for Johannesburg Water.
- (6) Modderfontein Outfall Sewer, for Johannesburg Water.
- (7) Mamelodi Extension 18 low-cost housing development, for the Gauteng Department of Housing.
- (8) Environmental compliance monitoring for the Soshanguve Extension 11 low-cost housing development, for the Gauteng Department of Housing.

## (L) ENVIRONMENTAL EDUCATION

- (1) Developed user-friendly documents of the Resource Directed Management of Water Quality policy, strategy and management instruments for DWAF.
- (2) Undertook training of the DWAF Regional Offices of the policy, strategy and management instruments for the Resource Directed Management of Water Quality project.
- (3) Developed Basic Environmental Awareness Training Material for the Expanded Public Works Programme, for DEA.

## 4 Employment Record

---

2001 – Present      Environmental Scientist, Nemai Consulting

- Duties:
- Water Resource Management.
  - Application, development and implementation of environmental impact and management tools (e.g. EIA, EMP, SEA, EMS, EMF, WULA, environmental monitoring, training).
  - Developed Section 21 (c) and (i) WULA guideline.
  - Implemented numerous training sessions at all levels of government in the environment sector.





## Curriculum Vitae

Queries: Donavan Henning  
☎ +27 11 781 1730  
📠 +27 11 781 1731  
✉ donavanh@nemai.co.za

- Developed 8 EMF's.
- Completed over 50 EIAs.

## 5 Languages

---

English & Afrikaans - excellent speaking, reading, and writing.

### **Declaration:**

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

A handwritten signature in black ink, appearing to read 'Donavan Henning', written in a cursive style.

Signature of Staff Member

## CURRICULUM VITAE – Ciaran Chidley

### 1. Personal Particulars

<b>Name:</b>	Ciaran Chidley
<b>Date and place of birth:</b>	1970-12-18, South Africa
<b>Place (s) of tertiary education and dates associated therewith:</b>	University of Witwatersrand - 1989 to 1992; UNISA - 1993 to 1995; University of Witwatersrand - 2000 to 2002
<b>Professional awards:</b>	

### 2. Qualifications

Institution (Date from – Date to)	Degree(s) or Diploma(s) obtained
University of Witwatersrand 1989 to 1992	BSc Eng (Civil)
UNISA 1993 to 1995	BA (Economics)
University of Witwatersrand 2000 to 2002	MBA

<b>Membership of professional bodies:</b>	IAIA, SAICE
---	-------------

### 3. Name of current employer and position in enterprise

<b>Name of current employer:</b>	Nemai Consulting
<b>Position in enterprise:</b>	Environmental Engineer

### 4. Overview of post graduate / diploma experience (year, organization and position)

<b>Date (From – To)</b>	1993 to 1997
<b>Organisation</b>	Murray and Roberts
<b>Position</b>	Engineer
<b>Date (From – To)</b>	1997 to 2000
<b>Organisation</b>	Bergman Ingerop
<b>Position</b>	Engineer
<b>Date (From – To)</b>	01/01 to date
<b>Organisation</b>	Nemai Consulting
<b>Position</b>	Manager

### 5. Outline of recent assignments / experience that has a bearing on the scope of work

EIA for the Sun City to Phokeng Provincial Road, for North West Province Department of Transport and Roads
EIA for Empangeni Bulk Outfall Sewer, 40km pipeline, for local municipality
EIA for Hazelmere Dam Raising in KwaZulu-Natal, for Department of Water Affairs
EIA for Mhlabatshane Dam EIA in Southern KwaZulu-Natal, for Umgeni Water

Project management of EIA for the upgrade of roads in Lethabong and Maumong, for the Rustenburg Local Municipality
Project management of EIA for the P2/4 road , for the North West Province Department of Roads, Transport and Community Safety
Namakwa District Municipality Environmental Management Framework and Strategic Environmental Management Plan, for Department of Environment and Nature Conservation
Emnambithi / Ladysmith Local Municipality Environmental Management Framework and Strategic Environmental Management Plan
Mthonjaneni Municipality Strategic Environmental Assessment
Social impact study of defunct mine water in the Loskop Dam Catchment area including some comments on the catchment study for the area.
Socio-economic study for the Tweefontein Optimisation Project
Detailed public participation to identify surface holings between ERM and Durban Roodepoort Deep
Social facilitation for the relocation of informal settlements for the Municipality of Rustenburg.



## 1 Personal Particulars

---

<b>Proposed Position:</b>	Environmental Consultant
<b>Profession:</b>	Environmental Management
<b>Date of Birth:</b>	15 September 1993
<b>Name of Firm:</b>	Nemai Consulting (Pty) Ltd.
<b>Name of Staff:</b>	Christian van der Hoven
<b>Nationality:</b>	South African
<b>Membership of Professional Societies</b>	Candidate Natural Scientist – Environmental Science with the South African Council for Natural Scientific Professions (SACNASP) Registration Number: 118377

## 2 Education:

---

B. Sc (Hons) Geographical and Environmental Sciences, University of Pretoria, South Africa, 2016.

B. Sc Environmental Sciences, University of Pretoria, South Africa, 2012-2015

## 3 Employment Record:

---

November 2016 – Present: Environmental Consultant, Nemai Consulting (Pty) Ltd.

Compilation of Environmental Screening Reports, Scoping and Environmental Impact Assessments, Basic Assessments, Water Use Licenses and General Authorisations.

## 4 Selected Consultancies

---

### 4.1 Basic Assessments

2016 – Proposed Lerome Bulk Water Supply Scheme, North West, South Africa. Compiling the Draft BAR.

2017 – Proposed Piggery and Abattoir, KZN, South Africa. Compiling the Draft BAR

2017 – Mapleton Pump Station Upgrade, Gauteng, South Africa. Compiling the necessary construction EMPr and Method Statements to be followed during the construction of the upgrade.

2017 – Lanseria Outfall Sewer pipeline, Gauteng, South Africa. Compiling the Draft BAR.

2017 – Proposed Eldorado Park water pipeline upgrade, Gauteng, South Africa. Compiling the Draft BAR.

2017 – Proposed K60 Road, Gauteng, South Africa. Compiling the BAR.

2017 – Proposed Davidsonville Ext. 2 sewer pipeline replacement, Gauteng, South Africa. Compiling the Draft BAR.

- 2017 – Proposed Stormwater and Sewer Infrastructure for the Umhlanga Ridgeside Development, KZN, South Africa. Compiling the Draft BAR.
- 2018 – Ivory Park Sewer Pipeline Upgrade, Gauteng, South Africa. Compiling the Draft BAR.
- 2018 – Blaaupan Sewer Pipeline, Gauteng, South Africa. Compiling the Draft BAR.
- 2018 – Van Dyk Water Pipeline, Gauteng, South Africa. Compiling the Draft BAR.
- 2019 – Vaal Gamagara Regional Water Supply Scheme (VGRWSS) Phase 2: Upgrading of the Existing Scheme, Northern Cape, South Africa. Compiling the Draft BAR

#### **4.2 Public Participation Experience**

- 2016 – Pomona Estates Housing EIA, Gauteng, South Africa. Compiling Public Participation documents.
- 2016 – Proposed Academic Hospital, Limpopo, South Africa. Public Notification: Placement of site notices, newspaper adverts and handing out documents to Interested and Affected Parties.
- 2016 – Upgrade of Berth 203 & 205, KZN, South Africa. Compiling the EMC Comments and Responses Report (CRR), Dumping at Sea Permit CRR.
- 2017 – Makalu Substation, Sasolburg, Gauteng, South Africa. I&AP notification.
- 2017 – ATNS public meeting, Gauteng, South Africa. Assisted with the first and second public meeting
- 2017 – Proposed Isithombo and Lulisandla Piggeries, KZN, South Africa. Public Notification: Placement of site notices, newspaper adverts and handing out documents to Interested and Affected Parties.
- 2017 – Proposed Bronberg Reservoir, Gauteng, South Africa. Public Notification: Placement of site notices, newspaper adverts and handing out documents to Interested and Affected Parties.
- 2017 – Proposed Lanseria Outfall Sewer Pipeline, Gauteng, South Africa. Held a public open day for all registered IAPs and authorities
- 2017 – Proposed Construction of the Hamarsdale Water Pipeline, KZN, South Africa. Public Notification: Placement of site notices, newspaper adverts and handing out documents to Interested and Affected Parties.
- 2017 – Proposed Stormwater and Sewer Pipeline for the Umhlanga Ridgeside Development, KZN, South Africa. Public Notification: Placement of site notices, newspaper adverts and handing out documents to Interested and Affected Parties.
- 2017 – Upgrading the Existing Ship Repair Facility in the Port of Mossel Bay, Western Cape, South Africa. Public Notification: Placement of site notices, newspaper adverts and handing out documents to Interested and Affected Parties.
- 2017 – MCWAP: Proposed Mokolo and Crocodile River (West) Water Augmentation Project, Phase 2A, Water Transfer Infrastructure, Limpopo, South Africa. Compiling the CRR.
- 2017 – Proposed Development of the Makalu B (Igesi) Substation and Associated Transmission Loop-in Lines, Sasolburg, Free State Province, South Africa. Draft EIA Public Meeting.
- 2017 – Proposed Mookodi – Mahikeng 400 kV Line, North West, South Africa. Assisted with Focus Group Meetings and Public Meetings.

- 2017 – Proposed Steynville Primary School in Hopetown, Northern Cape, South Africa. Social Facilitation. Assisted with second public meeting.
- 2018 – MCWAP: Proposed Mokolo and Crocodile River (West) Water Augmentation Project, Phase 2A, Borrow Pits, Limpopo, South Africa. Conducting focus group meetings, one-on-one landowner meetings, compiling minutes, conducting public participation for the Scoping and EIA phases.
- 2018 – Blaaupan Sewer Pipeline, Gauteng, South Africa. Conducting public participation for project announcement phase.
- 2018 – Van Dyk Water Pipeline, Gauteng, South Africa. Conducting public participation for project announcement phase.
- 2019 – Proposed Limpopo Central Hospital, Limpopo, South Africa. Conducting the public participation for the review of the Draft Scoping Report, conducting the authorities meeting, compiling minutes.
- 2019 – Vaal Gamagara Regional Water Supply Scheme (VGRWSS) Phase 2: Upgrading of the Existing Scheme, Northern Cape, South Africa. Conducting public participation for project announcement phase, assisting with public meetings.

#### **4.3 Water Use Licence Applications/General Authorisations**

- 2016 – Proposed Lerome Bulk Water Supply Scheme, North West, South Africa. Compiling the Draft General Authorisation (GA) Application and technical report.
- 2017 – Proposed Eldorado Park water pipeline upgrade, Gauteng, South Africa. Compiling the draft WULA
- 2017 – Proposed Lanseria Outfall Sewer, Gauteng, South Africa. Compiling the draft WULA
- 2017 – Cresta Peri-urban water pipeline replacement, Gauteng, South Africa. Compiling the Draft GA Application and Technical Report.
- 2018 – Proposed Upgrade of the Raw Water Abstraction at the Maselspoort Water Treatment Works (WTW), Free State, South Africa. Compiling the Draft WULA.
- 2018 – Ivory Park Sewer Pipeline Upgrade, Gauteng, South Africa. Compiling the Draft WULA Technical Report.
- 2018 – MCWAP: Proposed Mokolo and Crocodile River (West) Water Augmentation Project, Phase 2A, Water Transfer Infrastructure, Limpopo, South Africa. Compiling the Draft IWULA Technical Report.
- 2018 – Blaaupan Sewer Pipeline, Gauteng, South Africa. Compiling WULA Technical Report as well as online submission on Electronic Water Use Licence Application and Authorisation System (e-WULAAS).
- 2018 – Van Dyk Water Pipeline, Gauteng, South Africa. Compiling GA Technical Report as well as online submission on Electronic Water Use Licence Application and Authorisation System (e-WULAAS).
- 2019 – Vaal Gamagara Regional Water Supply Scheme (VGRWSS) Phase 2: Upgrading of the Existing Scheme, Northern Cape, South Africa. Compiling WULA Technical Report as well as online submission on Electronic Water Use Licence Application and Authorisation System (e-WULAAS).

#### **4.4 Screenings**

- 2017 – Proposed water transfer scheme from Flag Boshielo Dam to Olifantspoort WTW, Limpopo, South Africa. Compiled the screening report.
- 2017 – JW Corridors of Freedom B, Gauteng, South Africa. Compiling the screening report.
- 2017 – JW Zamimpilo Informal Settlement, Gauteng, South Africa. Compiling the screening report
- 2017 – JW Stormhill Ext.2 pipeline replacement, Gauteng, South Africa. Compiled the screening report.
- 2017 – JW Fleurhof pipeline replacement, Gauteng, South Africa. Compiled the screening report.
- 2017 – JW Longdale pipeline replacement, Gauteng, South Africa. Compiled the screening report.
- 2017 – JW Greenside water pipeline replacement, Gauteng, South Africa. Compiled the screening report.
- 2017 – JW Cottesloe pipeline replacement, Gauteng, South Africa. Compiled the screening report.
- 2017 – JW Blackheath Ext 1 pipeline replacement, Gauteng, South Africa. Compiled the screening report.
- 2017 – JW Kaalfontein sewer pipeline replacement, Gauteng, South Africa. Compiled the screening report.
- 2017 – JW Alan Manor water pipeline replacement, Gauteng, South Africa. Compiled the screening report.
- 2017 – Lanseria Outfall Sewer, Gauteng, South Africa. Compiled the screening report.
- 2018 – Tembisa Civic Node, Gauteng, South Africa. Compiled Screening Report.
- 2018 – Alexandra Fire Station, Gauteng, South Africa. Compiled Screening Report.
- 2018 – Stellenbosch Fire Station, Western Cape, South Africa. Compiled Screening Report.
- 2018 – Shoshanguve Roads and Stormwater Infrastructure, Gauteng, South Africa. Compiled Screening Report.
- 2018 – Rockville Student Centre and Lifestyle Village, Gauteng, South Africa. Compiled Screening Report.

#### **4.5 Scoping and Environmental Impact Assessment (EIA)**

- 2017 – ATNS Isando Property Development, Gauteng, South Africa. Compiling the Draft EIA report.
- 2017– Proposed Development of the Makalu B (Igesi) Substation and Associated Transmission Loop-in Lines, Sasolburg, Free State, South Africa. Compiling the Draft EIA Report.
- 2018 – MCWAP: Proposed Mokolo and Crocodile River (West) Water Augmentation Project, Phase 2A, Water Transfer Infrastructure. Assisted with compiling the Draft EIA Report.
- 2018 – MCWAP: Proposed Mokolo and Crocodile River (West) Water Augmentation Project, Phase 2A, Borrow Pits. Compiling the Draft Scoping and EIA Report.



2019 – Proposed Limpopo Central Hospital, Limpopo, South Africa. Compiling the Scoping Report.

#### **4.6 Section 24G**

2017 – Proposed Lerome Bulk Water Supply Scheme, North-West, South Africa. Compiling the Section 24G Report

#### **4.7 Environmental Auditing**

2017 – Oxford Parks Development, Gauteng, South Africa. Compiling monthly audit report and attending monthly environmental site audits.

2017 – Steelpoort Water Pipeline, Mpumalanga, South Africa. Assisted environmental site audit.

#### **4.8 Waste Management Plan**

2017 – Proposed Waste Management Plan for the University of Mpumalanga, Mpumalanga, South Africa. Compiling the Waste Management Plan.

#### **4.9 Environmental Management Framework**

2017 – Proposed Harry Gwala District Municipality EMF, KZN, South Africa. Compiling sections of the status quo of the Draft EMF Report.

#### **4.10 Social Facilitation**

2018 – Steynville Primary School in Hopetown, Bloemfontein, South Africa. Conducted monthly Project Steering Committee meetings, facilitated the public participation process and appointment of labour and SMME development.

## **5 Languages:**

---

English - excellent speaking, reading, and writing

Afrikaans - excellent speaking, reading, and writing