

## **Appendix 1: Curricula Vitae**

## PERSONAL DATA

<b>Name</b>	Dhanashree Naidoo
<b>Date of Birth</b>	1973-03-27
<b>Nationality</b>	South African
<b>Qualification</b>	BSc Chemical Eng
<b>Profession</b>	Environmental Eng
<b>Professional Registration</b>	IAIA, ECSA, SAMEA

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## EMPLOYMENT RECORD

1995-1998 Eskom  
1998-1999 Bergman Ingerop  
1999- To Date Nema Consulting

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## EXPERIENCE RECORD PERTINENT TO REQUIRED SERVICE

### (A) EIA's, SIA's and EMPs'

1. Project Managed and facilitated Public Participation on the Berths 203 to 205 EIA Expansion Programme. This is the only infill project in the Port of Durban in the last 10 years.
2. The uMkhomazi Water Project Phase 1 - Raw Water Component. Project Manager of the EIA for the proposed uMkhomazi Water Project. This includes a dam and associated infrastructure on the raw water side.
3. nCwabeni Dam - Project Manager of the EIA for the construction of a new raw water supply dam in Ugu in southern KwaZulu Natal.
4. Mhlabatshane Dam EIA - Project Manager of the EIA which covered the construction of a new 20m high bulk rural water supply dam in southern KwaZulu Natal. The project included the EIA for the associated Water Treatment Works.
5. The uMkhomazi Water Project Phase 1 - Raw Water Component - Project Manager of the EIA for the proposed uMkhomazi Water Project. This includes a Water Treatment Works and associated infrastructure on for the potable water side.
6. Mokolo Crocodile Water Augmentation Project, Project Manager of the EIA for the heavy engineering pipelines and water transfer scheme, Limpopo Province
7. Anderson Dinaledi Transmission Line - Project Manager of the EIA and public participation for a 80 km transmission line, with alternatives, through a the Magaliesburg Nature Conservation Area.
8. High Altitude Training Facility – Project Manager of the EIA and public participation for an international high altitude training facility in Mpumalanga. The project included access roads, WTW, WWTW and relocation of protected species. The development was designed around Green Building principles.
9. FET Colleges – Project Manager for the EIA and public participation for 16 FET Colleges around the country. This is a SIP and is a fast tracked project hence the company understands the pressure and need of presidential projects. Included are many waste licences and WULA's.

10. Resource Management Plans for 15 government water works. Project Manager for the development of these RMPs which covered reservoirs such as the Vaal, Midmar, Loskop, Craigieburn and Hazelemere Dams.
11. Neptune Poseidon Transmission Line, Eastern Cape - Project Manager of the EIA and public participation for a 320 km transmission line, with alternatives, from East London to Fort Beaufort in the Eastern Cape
12. Performed all EIAs and prepared EMPs for Johannesburg Water sanitation and water supply capital projects for 2003-2007 financial years. Projects for which authorization was sought include expansions to Waste Water Treatment Works, outfall sewer pipelines, bulk and reticulation pipelines and pump stations. Over 50 EIA completed over this period.
13. Boksburg Cason Pipeline –Completed detailed EIA for the construction of a 53 km pipeline.
14. EIA for the Northern Waste Water Treatments Works, Unit 5, 50 MI/day capacity.
15. Total Gas holding facilities, Senegal – Completed Environmental Impact Assessment Study for the existing infrastructure as well as a new gas sphere.
16. EIA and SIA for 180km transmission line for Eskom.
17. EIA, SIA and EMP for 280km long transmission line for Eskom.
18. 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.
19. EIA for Cast Iron Pipe Factory in Pretoria. Was successful in getting the Client, Stanton from the UK, an exemption on the project.
20. EIA and EMP for pipeline for Hartbeespoortdam Local Town Council
21. EIA, EMP and SIA for Maputo Corridor
22. EIA and EMP for water reticulation project in Piet Gouws.
23. I was employed by the Inspectorate Division in Gauteng for the period from January 2000 to March 2000 as a Senior Environmental Officer.
24. EMP and social survey for the Witbank to Maputo Toll road on the Mozambican side.
25. EIA and EMP for R600 000 000 project funded by the DBSA for a 1000km long Fibre Optic Communication Line in Mozambique. The Client is TDM and the project starts in Beira in the North and runs to Maputo in the South. The entire project is in accordance to ISO 14001 standards. This was the first project of its kind in Mozambique.

**(B) WASTE SECTOR**

<b>Project Details</b>
Construction of a 50 MI/day treatment unit (Unit 5) including sedimentation tanks, BNR activated sludge treatment and chemical dosing facility at Northern WWTW, for Johannesburg Water.
Remediation of Fine Ash 1 and 2 /Coarse Ash Dump/ Venco Capillary Break for Infrachem, a division of Sasol
Scoping/EA and IWWMP for the disposal, treatment and re-use of Fine Ash 3, 4 and 5 at Sasol.
IWWMP for the disposal of gypsum for Infrachem.
EIA and IWWMP for the storage of Hazardous Waste Material for Merisol.
BA and IWWMP for the storage of Chlor Vinyls Brine Sludge for Sasol Polymers.
BA and IWWMP for the storage of Wax Catalyst Storage for Sasol Wax.
BA and IWWMP for the storage of Solvents Catalyst Store for Sasol Solvents.
BA and IWWMP for the disposal of asbestos waste for Transnet.

<b>Project Details</b>
Increase in sludge treatment capacity including new lime dosing plant at Northern Works WWTW, for Johannesburg Water.
Construction of sewerage pump station in Alveda Park, for Inframax.
Construction of thickeners at the Goudkoppies WWTW, for Johannesburg Water.
Expansion of the maturation ponds at the Bushkoppies WWTW, for Johannesburg Water.
Expansion of the Olifantsvlei WWTW, for Johannesburg Water, for Johannesburg Water.
Emergency dam and pump station at the Olifantsvlei WWTW, for Johannesburg Water.
Bruma Lake Desilting combined waste licence.
N-S Strengthening Combined Applications.
Henley on Klip landfill application
Walkeville landfill closure application.
Groethoek Hospital medical waste storage
Transwerk asbestos removal and disposal application
Rehabilitation of Transnet rail infrastructure of asbestos waste
News Clydedales spoil material waste dump
Kwa Themba landfill closure application
IWMP for the Bojanala Platinum District Municipality
Frances Baard IWMP
Thabo Mofutsanyane District Municipality IWMP
Motheo District Municipality IWMP
Lejweleputswa District Municipality IWMP
Naledi Local Municipality IWMP
Mantsopa Local Municipality IWMP
North West Provincial IWMP
Illegal Waste Minimisation Implementation Strategy
EPWP Waste Management Strategy
Generic Waste Management Contract for Municipalities
Soweto Waste Clean-up Programmes
Midvaal IWMP

**(B) WATER SECTOR RELATED PROJECTS**

- 1) Developed Provincial Water Sector Plan Guideline.
- 2) Developed concept paper on Water for Growth and Development.
- 3) Developed checklists for EDSS.
- 4) Developed monitoring and auditing guidelines.
- 5) Input on SDMS.
- 6) Input on 2<sup>nd</sup> Edition CEIMP.
- 7) Compiled Resource Management Plans for 5 Dams

**(C) ENVIRONMENTAL AUDITING AND REPORTING**

- 1) Completed an environmental and safety audit for the decommissioning of the Grootvlei Power Station.
- 2) Completed an environmental and safety audit for the decommissioning of the Camden Power Station.
- 3) Completed an environmental audit for the decommissioning of the Komati Power Station.
- 4) Completed an environmental and safety audit for the Total Bottling Plant in Dakar, Senegal.
- 5) Completed the verification of the Rand Water Environmental Report for 2001.
- 6) Completed an environmental report for the Pindamondagaba development in Brazil.
- 7) Completed environmental auditing of all landfills in Gauteng for the provincial government.

**(D) ENVIRONMENTAL ENGINEERING**

- 1) Environmental design review of the Naphta Tar Extraction Plant at Sasol.
- 2) Environmental design review of the upgrade of certain process at Sapref plant.
- 3) Environmental design of the Total Gas Bottling Plant in Senegal.

**(E) AIR, WATER AND SOIL MONITORING AND CONTROL**

- 1) Catchment Study. Determine the impact of raw sewage in the Elands River Catchment area on the Valkopdam.
- 2) Catchment Study: Impact of defunct mines on water quality in the Loskopdam catchment.
- 3) Water quality analysis for the Jukskei and the Klipspruit Catchment.
- 4) Soil and Ground water monitoring, quality control and remediation measures for Collect-a-can site in Vanderbylpark. The soil was highly contaminated with various inorganic chemicals.
- 5) Soil, water and air quality analysis for chemical spill at the Eskom Phalaborwa sub-station site. The polluting agents were essentially phosphates.
- 6) Air emission control management at Eskom Power Stations. Monitoring plans were implemented to assess air emission from the stacks. Various cleaning technologies were investigated.
- 7) Air emission analysis at the Cast Iron Pipe Factory in Pretoria. Review and compared smelter technologies. This formed part of the EIA study for the construction of a new plant; however, the study did include review of air emission monitoring on the existing plant. This was a requirement from CAPCO.
- 8) Scale Inhibitors: Study done in conjunction with the CSIR to determine the impact of the use of scale inhibitors at Eskom Power Stations on water quality.
- 9) Air, water and soil analysis at the Total Senegal Plant. Did trial studies of dispersion tests at the plant in order to satisfy the French Environmental Legislation.
- 8) Kendal Power Station Water Balance – Prepared software package to monitor water usage and effluent use at the station.
- 10) Simunye Return to Service (RTS) Report – Performed feasibility and environmental study and made recommendations on process water, effluent and stormwater management, cooling water system, chemical dosing systems, and air emission control and sewerage treatment system for Grootvlei Power Station.
- 11) Environmental Review – Responsible for interpreting ground and surface water analysis in accordance with the drinking water standards as set out by the DWAF within Eskom

**(E) RESEARCH PROJECTS (in conjunction with various institutions)**

- 1) Hydrogen Research – Engaged in research associated with the novel approach of handling and venting contaminated hydrogen mixtures.
- 2) Scale Inhibitors – Used regressional test analysis to determine whether the generic approach to scale prevention within Eskom was possible and the environmental effect on the ash dams of dosing scale inhibitors.
- 3) Hydrogen Venting – Responsible for performing all calculations associated with the venting of hydrogen air mixtures. Reviewed and commented on hydrogen handling specification/standard. Completed extensive literature surveys locally and internationally.

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- 4) Fire Protection – Part of design team responsible for novel approach to conveyor belt protection. Wrote software package to predict effects of water droplet sizes on extinguishing fires. Completed extensive literature surveys locally and internationally.
  - 5) Crystallisation Modelling – Extensively involved in the modelling of the growth of calcium sulphate crystals, optimisation of crystallisation processes and investigating the effects of various parameters on the growth of crystals.
  - 6) Completed literature search on public participation in water related projects in third and first world countries.

**(G) RISK ASSESSMENTS**

- 1) Total Gas holding facilities, Senegal – Completed Risk Assessment Study for the existing infrastructure as well as a new gas sphere and bottling plant. The study was done in accordance to the French Legislation.
- 2) Contingency Plans for Simunye Power Station – Compiled document presenting the various contingency plans, in the event of an environmental disaster, for the different decommissioned stations. The report was aimed at satisfying the needs and requirements set by the DWAF and DEAT. Focused on HAZOP analysis and pollution control from a design point of view.
- 3) Risk and Environmental Impact Assessment and Integrated Environmental Management – Reviewed and commented on numerous RIA's, EIA's and IEM's for the various Eskom stations.
- 4) Prepared oil spill contingency plans for Eskom wide power stations.

**(H) CLIMATE CHANGE**

- 1) Climate change adaptation strategy for the City of Johannesburg with special focus on water infrastructure.
- 2) Berths 203 – 205 expansion – Climate Change Study to determine the impacts of sea level rise and extreme weather conditions on the design of the new berths in the Port of Durban.
- 3) Climate Change Study to determine the impacts on the water sector for DWS Study included in the Growth and Development Programme.
- 4) Factored in climate change implications on 10 EIA Studies.



## 1 Personal Particulars

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<b>Proposed Position:</b>	Environmental Assessment Practitioner
<b>Profession:</b>	Environmental Management
<b>Date of Birth:</b>	11 October 1989
<b>Name of Firm:</b>	Nemai Consulting
<b>Name of Staff:</b>	Kristy Robertson
<b>Years with Firm/Entity:</b>	4.5 Years
<b>Nationality:</b>	South African
<b>Membership of Professional Societies</b>	IAIA Affiliated; Professional Natural Scientist- Environmental Science (Reg number: 116238) with South African Council for Natural Scientific Professions (SACNASP)

## 2 Education:

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M. Sc. Environmental Sciences, WITWATERSRAND, South Africa, 2013.

B. Sc (Hons) Zoology, WITWATERSRAND, South Africa, 2011.

B. Sc Zoology, WITWATERSRAND, South Africa, 2008 - 2010.

Planet GIS Conversion Training Version 3 to 4 Certificate of Attendance, TOTAL GEO-SPATIAL INFORMATION SOLUTIONS, South Africa, 2014.

## 3 Employment Record:

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2013 - Present Environmental Consultant, Nemai Consulting:

Compilation of Scoping and Environmental Impact Assessments, Basic Assessments and Water Use Licenses.

## 4 Selected Consultancies

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### 4.1 Water Use License Applications

2013 – Construction of the GRP bypass line in the Caledon River region in Bloemfontein, Free State.

2013 – Upgrade of Albert Luthuli Drive in eMbalenhle Township, Govan Mbeki Municipality, Mpumalanga.

2013 – Development of Further Education Training College (FET) in Balfour. Mpumalanga.

2013 – Development of Further Education Training College (FET) in Sterkspruit FET College, Eastern Cape.

2014 – Proposed replacement of the existing Anthea Nancefield outfall sewer line in Soweto, Gauteng.

2014 – Proposed construction of a water pipeline in Mountain View, City of Johannesburg Metropolitan Municipality in Gauteng.



- 2014 – Proposed installation of a water pipeline in Diepsloot, Gauteng.
- 2014 – Development of the Cosmo City Fire Station, Gauteng.
- 2014 – Upgrade of the Rand Water Mapleton Pump Station, Gauteng.
- 2014 – Construction of a 500mm Ø steel Inlet Trunkmain to Hammarsdale High Level Reservoir, KwaZulu-Natal.
- 2014– Augmentation of water supply to the Maphephetheni and Mgangeni areas, KwaZulu-Natal.
- 2014 – Construction of Mtwalume Dam and Associated Infrastructure, Vulamehlo Cross Border Water Scheme, Harry Gwala and Ugu District Municipality, KwaZulu-Natal.
- 2014 – Proposed Lerome Bulk Water Supply Scheme, North West.
- 2015 – Proposed replacement of the existing Ivory Park sewer pipeline in Ivory Park, Gauteng.
- 2015 – Johannesburg Water Carlswald Sewer Pipeline Upgrade in Johannesburg, Gauteng Province.
- 2015 – Proposed replacement of water pipelines in Jukskei Park, Gauteng.
- 2015 – Proposed upgrade of sewer outfall pipeline in Diepkloof, Gauteng.
- 2015 – Vaal Gamagara Pipeline, Northern Cape.
- 2015 – The proposed cross-border Magalies Water bulk water supply system, within the City of Tshwane Metropolitan Municipality and Moretele Local Municipality, South Africa.
- 2015 – The proposed Ledig Water Supply Project, South Africa.
- 2016 – Proposed Crawford Preparatory School Extension and Stormwater Infrastructure in Johannesburg, Gauteng Province.
- 2016 – The Bambanani Stormwater Pipeline, Gauteng Province, South Africa.
- 2016 – Limpopo Academic Hospital and Medical Facility, Limpopo.
- 2017 - Maselspoort Water Reuse Facility, Free State.

#### **4.2 Basic Assessments**

- 2013 – JDA Rea Vaya BRT Alexandra Bus Depot in Alexandra, Gauteng.
- 2013 – JDA Rea Vaya BRT Avalon Bus Depot in Avalon, Gauteng.
- 2013 – Construction of the GRP bypass line in the Caledon River region in Bloemfontein, Free State.
- 2013 – Construction of a 20ML Reservoir and associated 300 l/S pump station and 10.585km, 700mm diameter pipeline from Wallmansthal Reservoir to Baviaanspoort Reservoir, Tshwane, Gauteng.
- 2013 – Upgrade of Albert Luthuli Drive in eMbalenhle Township, Govan Mbeki Municipality, Mpumalanga.
- 2013 – Development of Further Education Training College (FET) in Aliwal North, Eastern Cape.
- 2013 – Development of Further Education Training College (FET) in Balfour. Mpumalanga.



- 2013 – Development of Further Education Training College (FET) in Graaff-Reinet, Eastern Cape.
- 2013 – Development of Further Education Training College (FET) in Sterkspruit FET College, Eastern Cape.
- 2013 – Development of Further Education Training College (FET) in Ngqungqushe, Eastern Cape.
- 2014 – Construction of a 1.2km water supply pipeline and a 200mm scour pipeline in Lenasia South, Gauteng.
- 2014 – Proposed replacement of the existing Anthea Nancefield outfall sewer line in Soweto, Gauteng.
- 2014 – Proposed construction of a water pipeline in Mountain View, City of Johannesburg Metropolitan Municipality in Gauteng.
- 2014 – Proposed installation of a water pipeline in Diepsloot, Gauteng.
- 2014 – Proposed upgrade of Bramley View pipeline, Gauteng.
- 2014 – Upgrade of the Rand Water Mapleton Pump Station, Gauteng.
- 2014 – Upgrade of the Golden Harvest Drug and Rehabilitation Centre, Randburg, Gauteng.
- 2014 – Construction of a pedestrian bridge at Kya Sands informal settlement, Gauteng.
- 2014 – Construction of a new sludge pipeline, 1.45km in length and 800mm in diameter, at Panfontein Pumping Station in the Midvaal Local Municipality, Gauteng.
- 2014 – Construction of a 500mm Ø steel Inlet Trunkmain to Hammarsdale High Level Reservoir, KwaZulu-Natal (*Environmental Authorisation in Progress*).
- 2014 – Augmentation of water supply to the Maphephetheni and Mgangeni areas, KwaZulu-Natal (*Environmental Authorisation in Progress*).
- 2014 – Associated Infrastructure, Vulamehlo Cross Border Water Scheme, Harry Gwala District Municipality, KwaZulu-Natal.
- 2015 – Proposed replacement of the existing Ivory Park sewer pipeline in Ivory Park, Gauteng.
- 2015 – Proposed replacement of water pipelines in Jukskei Park, Gauteng.
- 2015 – Proposed upgrade of sewer outfall pipeline in Diepkloof, Gauteng.
- 2015 – Johannesburg Water Sandton Bulk Water Pipeline, Gauteng.
- 2015 – Proposed upgrade of Dekema sewer outfall pipeline in Alberton, Gauteng.
- 2015 – Proposed upgrade of SAB Huntersfield sewer outfall pipeline in Alberton, Gauteng.
- 2015 – 100MI Rand Water Bronberg Reservoir and associated infrastructure, Gauteng.
- 2016 - Proposed monitored trial embankment – Kriel power station, Mpumalanga
- 2017 - Rehabilitation of Ship Repair Facility in Mossel Bay, Western Cape.
- 2017 – Lanseria Outfall Sewer Pipeline, Gauteng.
- 2017 – Proposed K60 Road in Rabie Ridge, Gauteng.
- 2017 – Duvha Ash Dam Seepage Interception Drains, Mpumalanga.



### 4.3 Scoping and Environmental Impact Assessments

2013 – Rustenburg Medical Waste Treatment Facility, North West.

2013 – Proposed K154 Road Upgrade in Midvaal Municipality, Gauteng.

2014 – Proposed Brandkop Mixed Use Development in Bloemfontein, Free State.

2014 – Construction of Mtwalume Dam, Vulamehlo Cross Border Water Scheme, Harry Gwala District Municipality, KwaZulu-Natal.

2015 – New Lanseria Wastewater Treatment Works, Gauteng.

2016 – Limpopo Academic Hospital and Medical Facility, Limpopo (*Environmental Authorisation in Progress*).

2016 – Proposed ATNS Isando Property Development, Gauteng.

2017 – Long-Term Solution to address the Acid Mine Drainage associated with the East, Central and West Rand underground mining basins.

2017 – Rockdale B Substation and Rockdale to Marblehall 400kV Powerline, Mpumalanga and Limpopo.

2017 – Mookodi-Mahikeng 400kV Powerline, North West.

### 4.4 Public Participation Experience

- Compiling Public Participation documents.
- Public Notification: Placement of site notices, newspaper adverts and handing out documents to Interested and Affected Parties.
- Public Meetings.

### 4.5 Geographic information Systems (GIS) Experience

- Mapping, Spatial Analysis, and Aerial Environmental Sensitivity Screening.
- Advanced experience using Planet 4 GIS.

### 4.6 Section 24(G) Applications

2014 – Replacement of J8 Shamrock Road Leeuwpoort pipeline near Germiston, Gauteng.

2014 – Upgrade of sewerage pipeline in the Bloubospruit in Kibler Park, City of Johannesburg Metropolitan Municipality, Gauteng.

2014 – Upgrade of Driefontein Wastewater Treatment Works, City of Johannesburg Metropolitan Municipality, Gauteng.

2016 – Construction of the Enlightened Christian Gathering Church in Johannesburg, Gauteng Province.

## 5 Languages:

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English - excellent speaking, reading, and writing

Afrikaans - fair speaking, reading, and writing



## Curriculum Vitae

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Kristy Robertson

**Environmental Consultant**



## 1 Personal Particulars

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<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
<b>Name of Staff:</b>	Christian van der Hoven
<b>Nationality:</b>	South African

## 2 Education:

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

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

## 3 Employment Record:

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November 2016 – Present: Environmental Consultant, Nemai Consulting

Compilation of Scoping and Environmental Impact Assessments, Basic Assessments, and Water Use Licenses.

## 4 Selected Consultancies

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### 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 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 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.

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

- 2016 – Proposed Lerome Bulk Water Supply Scheme, North West, South Africa. Compiling the Draft WULA.
- 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 General Authorisation (GA) application and technical report.

#### **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.

#### **4.5 Scoping and EIA**

- 2017 – Proposed Academic Hospital, Limpopo, South Africa. Compiling the scoping and EIA reports.
- 2017 – ATNS Isando Property Development, Gauteng, South Africa. Compiling the Draft EIA 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 Environmental Management Framework**

- 2017 – Proposed Harry Gwala District Municipality EMF, KZN, South Africa. Compiling sections of the status quo of the EMF draft report.

### **5 Languages:**

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English - excellent speaking, reading, and writing

Afrikaans - excellent speaking, reading, and writing