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# **Gold One Tailing Backfill Plant and Pipeline Proof of Public Participation**

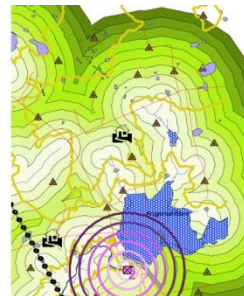
In terms of the  
**National Environmental Management Act, 1998 (Act 107 of  
1998)**

**July 2013**

**Client Name: Gold One International Limited**

**Project Number: 12-561**

**GOLD ONE**  
INTERNATIONAL LIMITED



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# 1 Appendix B-1: Site Notices

A2 laminated site notices according to Regulation 54 3 of National Environmental Management Act (Act 107 of 1998) NEMA have been placed on and around the project area. The site notices were placed at the co-ordinates displayed in the table below, and in the figure overleaf.

Site	East (wgsdd)	South (wgsdd)
Entrance to Cooke Plant on the R559	27.714013	-26.223356
Sign board on the boundary of the Cooke 2 Shaft area.	27.718654	-26.272776
Entrance gate at Cooke 1 Offices on the R559	27.738436	-26.251345
Spar on the R28 in Randfontein	27.703783	-26.182933
Entrance to Bekkersdal on the R28	27.678752	-26.294184
Pick and Pay Centre on Forbes Street, Westonaria	27.654427	-26.318667
Shoprite Centre on President Steyn Street, Westonaria	27.652581	-26.322022
Entrance to Mohlakeng via Ralerata Street	27.697905	-26.208909
Entrance to Donaldson Dam, recreational fishing hotspot and downstream from Cooke 2 Shaft area	27.681914	-26.279759

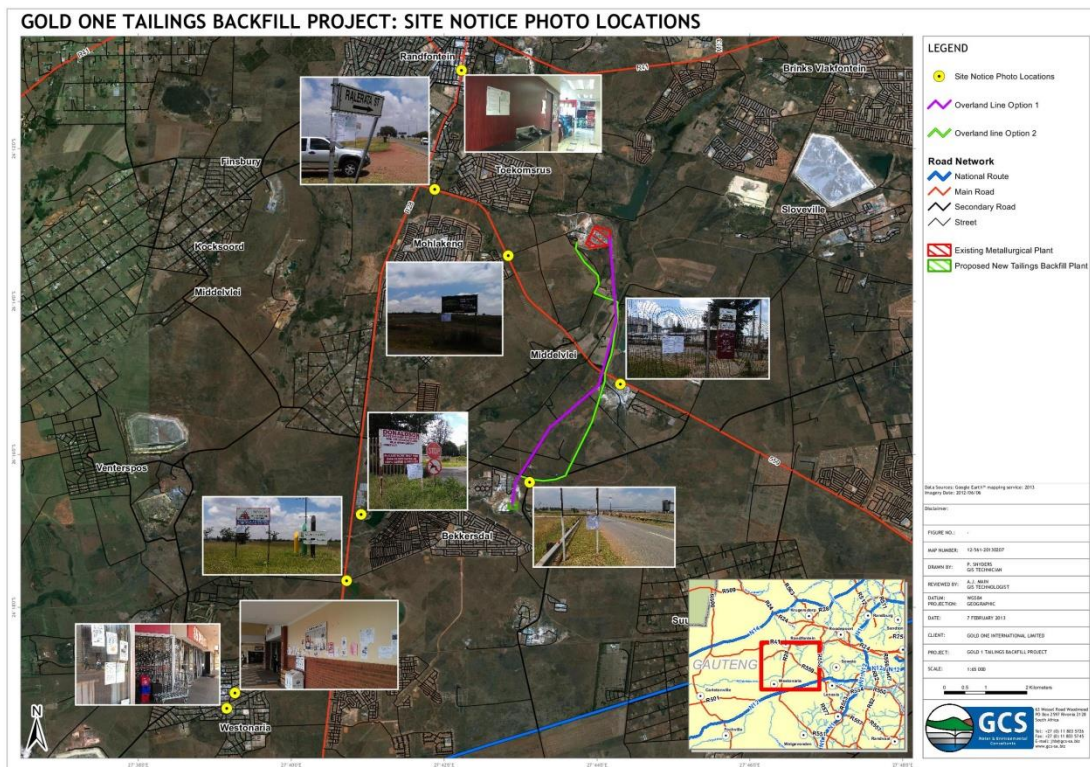
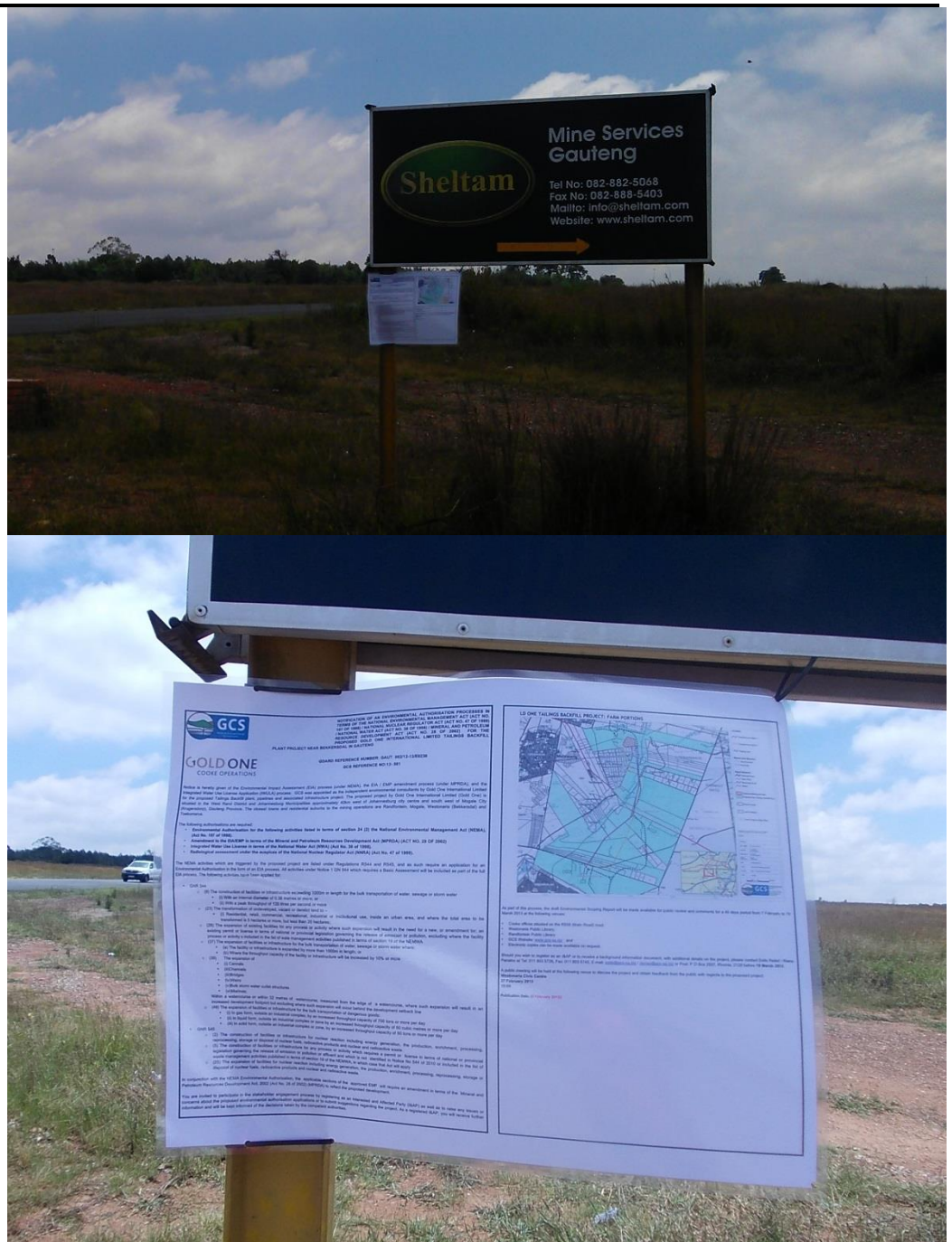


Figure not to scale - refer to A3 figures attached as Appendix A to the EIA document

**Figure 1: Site Notice Locations**

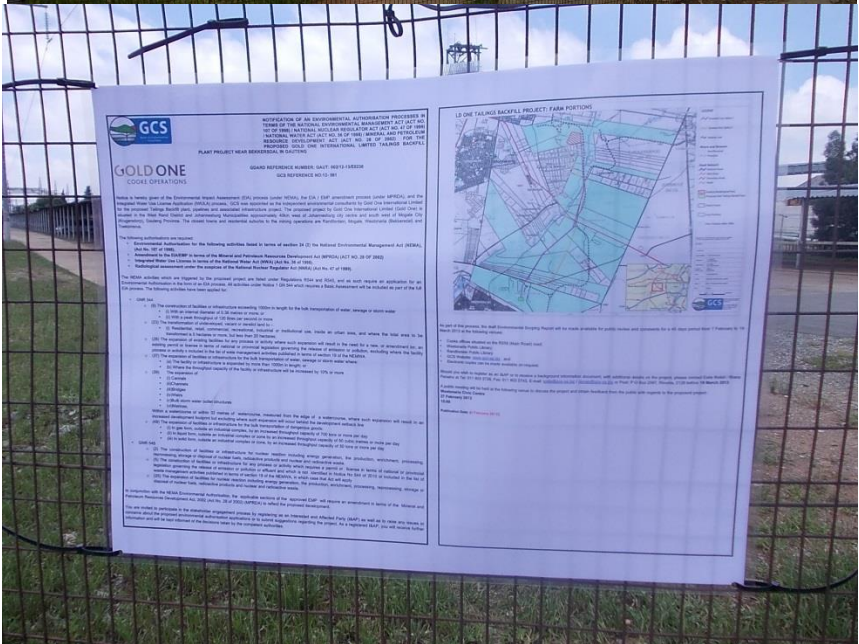
Photographic proof of placement of the site notices is provided below:

<p><b>Photo No.</b> <b>1-1</b></p>	<p><b>Coordinates</b> S -26.223356 E 27.714013</p>
<p><b>Site notice location:</b></p> <p>Entrance to Cooke Plant on the R559 was chosen as the pipeline route will start at the Cooke Plant and this is a well travelled road.</p>	



<p><b>Photo No. 1-2</b></p>	<p><b>Coordinates</b> S -26.272776 E 27.718654</p>	
<p><b>Site notice location:</b></p> <p>The Sign board on the boundary of the Cooke 2 Shaft area was chosen as this is where the backfill Plant will be located.</p>		

<p><b>Photo No. 1-3</b></p>	<p><b>Coordinates</b> S -26.251345 E 27.738436</p>
<p><b>Site notice location:</b></p> <p>The Entrance gate at Cooke 1 Offices on the R559 was chosen as this is the office in charge of the project.</p>	

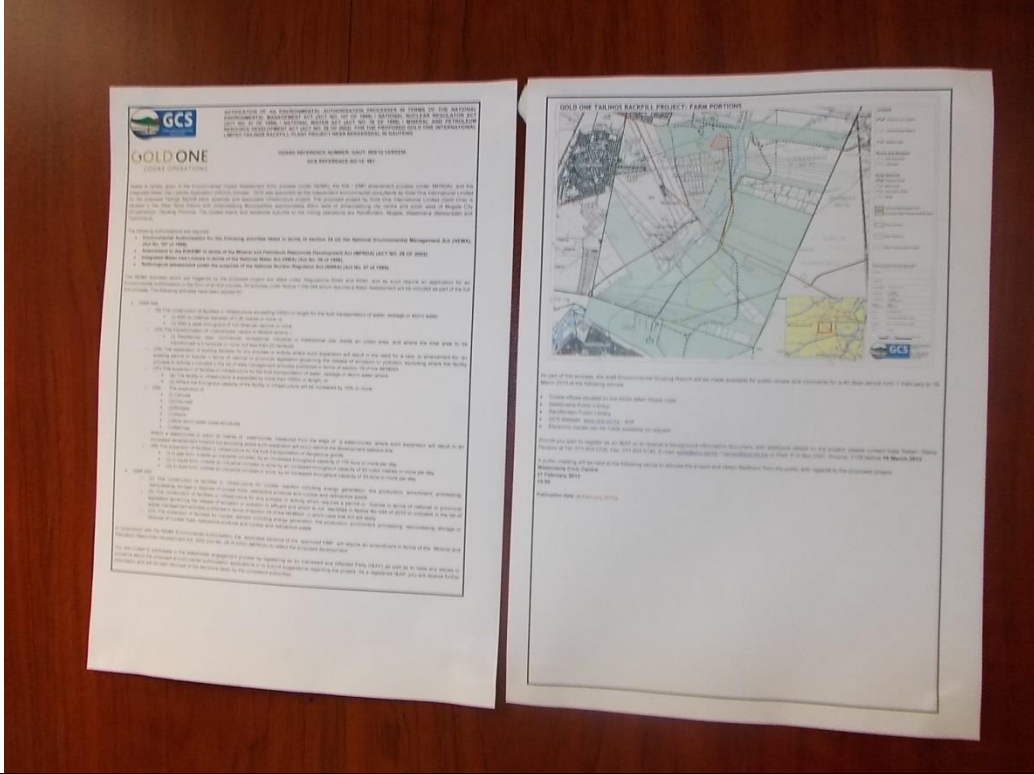


**Photo No. 1-4**

**Coordinates**  
S -26.182933  
E 27.703783

**Site notice location:**

The Spar on the R28 in Randfontein was chosen as many people from the nearby settlements and towns do their daily shopping at this Spar.



<p><b>Photo No. 1-5</b></p>	<p><b>Coordinates</b> S -26.294184 E 27.678752</p>
<p><b>Site notice location:</b></p> <p>The Entrance to Bekkersdal on the R28 was chosen as Bekkersdal is located next to the proposed project. This entrance is used by most residents.</p>	



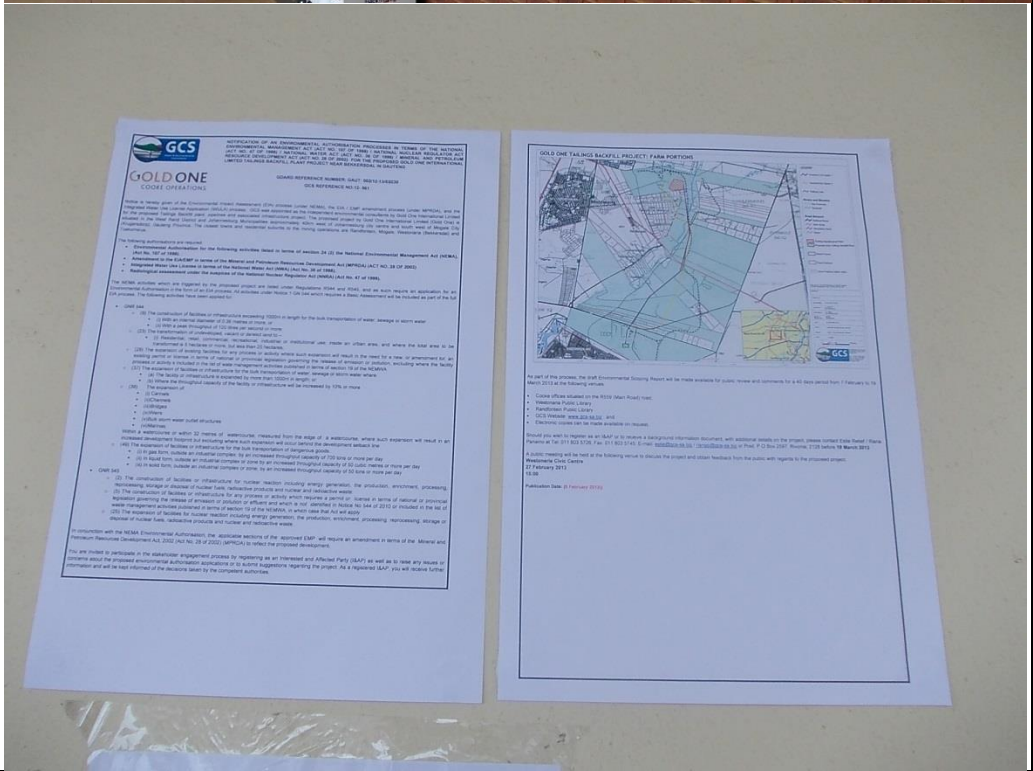
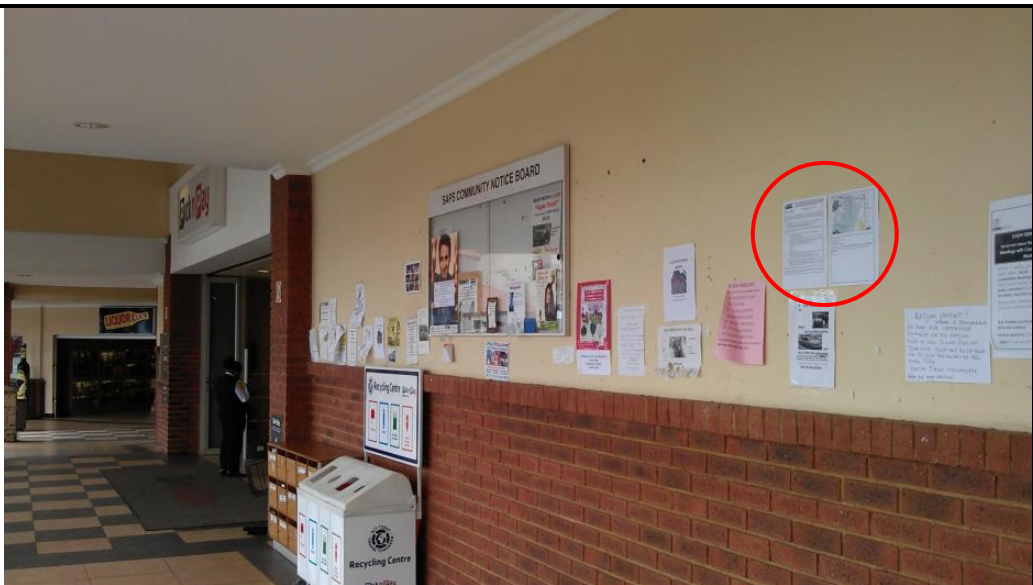


**Photo No. 1-6**

**Coordinates**  
S -26.318667  
E 27.654427

**Site notice location:**

The Pick and Pay Centre on Forbes Street, Westonaria was chosen as many residents from Bekkersdal and Westonaria shop here.

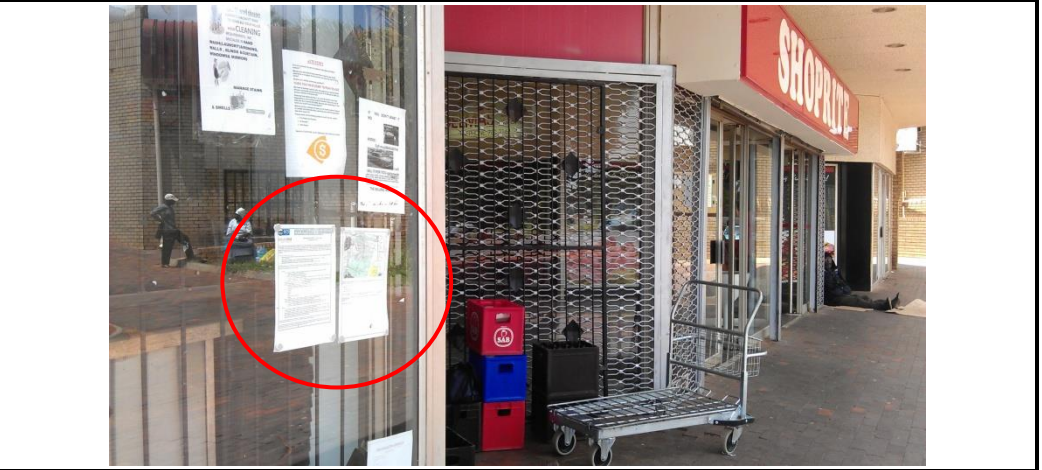


**Photo No. 1-7**

**Coordinates**  
S -26.322022  
E 27.652581

**Site notice location:**

The Shoprite Centre on President Steyn Street, Westonaria was chosen as many residents from Bekkersdal and Westonaria shop here.

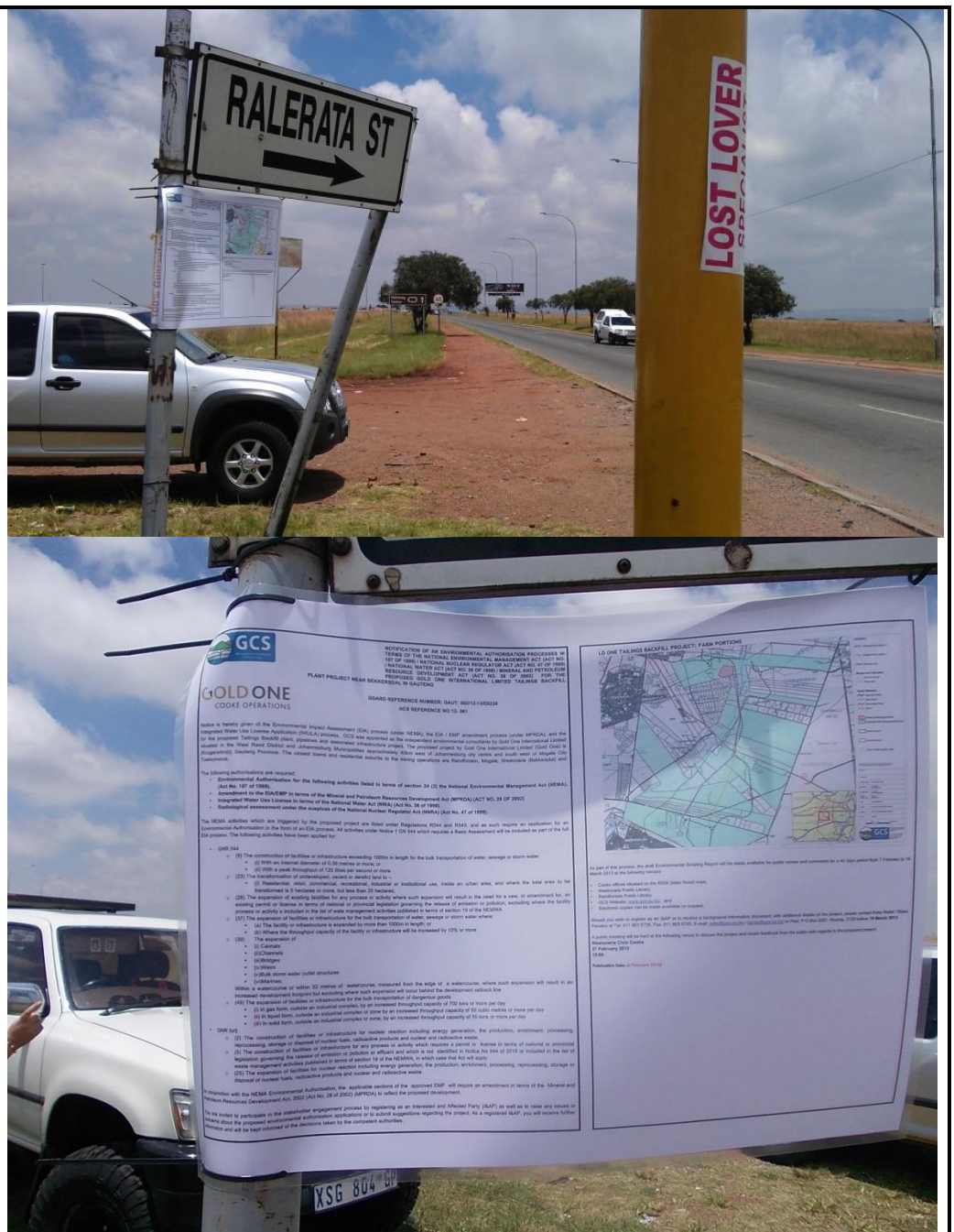


**Photo No. 1-8**

**Coordinates**  
S -26.208909  
E 27.697905

**Site notice location:**

The Entrance to Mohlakeng via Ralerata Street was chosen to inform residents of the nearby town of the project.




<p><b>Photo No. 1-9</b></p>	<p><b>Coordinates</b> S -26.279759 E 27.681914</p>
<p><b>Site notice location:</b></p> <p>The Entrance to Donaldson Dam, was chosen as this is a recreational fishing hotspot and downstream from Cooke 2 Shaft area where the project will be located.</p>	



## 2 Appendix B-2: Advertisements

### 2.1 Scoping Phase Advertisement - 15 February 2013



**GOLD ONE**  
COOKE OPERATIONS

**NOTIFICATION OF AN ENVIRONMENTAL AUTHORISATION PROCESSES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (ACT NO. 107 OF 1998) / NATIONAL NUCLEAR REGULATOR ACT (ACT NO. 47 OF 1999) / NATIONAL WATER ACT (ACT NO. 36 OF 1998) / MINERAL AND PETROLEUM RESOURCE DEVELOPMENT ACT (ACT NO. 28 OF 2002) FOR THE PROPOSED GOLD ONE INTERNATIONAL LIMITED TAILINGS BACKFILL PLANT PROJECT NEAR BEKKERSDAL IN GAUTENG**

GDARD REFERENCE NUMBER: GAUT: 002/12-13/E0230  
GCS REFERENCE NO:12- 561

Notice is hereby given in terms of Regulation 54 of the Environmental Impact Regulations published in Government Notice R.543 in Government Gazette No.33306 of 18 June 2010, under Section 24(5) of the National Environmental Management Act, 1998 (Act No.107 of 1998) of the Environmental Impact Assessment (EIA) process, to be undertaken by GCS (Pty) Ltd. (GCS) on behalf of Gold One International Limited (Gold One) for a proposed establishment of the Tailings Backfill Plant and associated pipeline near the Cooke 2 Shaft area, near Bekkersdal (Westonaria) in the Gauteng Province. The proposed Backfill Plant and associated pipeline is located on the on several portions of the farms Luipaardsvlei 243 and Gemsbokfontein 190.

The following authorisation is required for the proposed activity:

- **Environmental Authorisation for the following activities listed in terms of section 24 (2) the National Environmental Management Act (NEMA), (Act No. 107 of 1998).**
- **Amendment to the EIA/EMP in terms of the Mineral and Petroleum Resources Development Act (MPRDA) (ACT NO. 28 OF 2002)**
- **Integrated Water Use License in terms of the National Water Act (NWA) (Act No. 36 of 1998).**
- **Radiological assessment under the auspices of the National Nuclear Regulator Act (NNRA) (Act No. 47 of 1999).**

The NEMA activities which are triggered by the proposed establishment of the Backfill Plant are listed under Regulations R544 and R545, and as such require an application for an Environmental Authorisation in the form of an EIA process.

<ul style="list-style-type: none"> <li>• GNR 544 (in GG33306 of 18 June 2010):           <ul style="list-style-type: none"> <li>○ 9 (i)(ii)</li> <li>○ 23 (i)</li> <li>○ 28</li> <li>○ 37 (a)(b)</li> <li>○ 39 (i)(ii)(iii)(iv)(v)(vi)</li> <li>○ 49 (i)(ii)(iii)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• GNR 545 (in GG33306 of 18 June 2010):           <ul style="list-style-type: none"> <li>○ 2</li> <li>○ 5</li> <li>○ 25</li> </ul> </li> </ul>
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In conjunction with the NEMA Environmental Authorisation, the applicable sections of the approved EMP will require an amendment in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA) to reflect the proposed development.

You are invited to participate in the stakeholder engagement process by registering as an Interested and Affected Party (I&AP) as well as to raise any issues or concerns about the proposed environmental authorisation applications or to submit suggestions regarding the project. As a registered I&AP, you will receive further information and will be kept informed of the decisions taken by the competent authorities.

As part of this process, the draft Environmental Scoping Report will be made available for public review and comments for a 40 days period from 7 February to 19 March 2013 at the following venues:

- Cooke offices situated on the R559 (Main Road) road;
- Westonaria Public Library;
- Randfontein Public Library
- GCS Website: [www.gcs-sa.biz](http://www.gcs-sa.biz) ; and
- Electronic copies can be made available on request.

Should you wish to register as an I&AP or to receive a Background Information Document (BID), with additional details on the project, please contact Estie Retief / Riana Panaino at Tel: 011 803 5726, Fax: 011 803 5745, E-mail: [estie@gcs-sa.biz](mailto:estie@gcs-sa.biz) / [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz) or Post: P O Box 2597, Rivonia, 2128 before **19 March 2013**.

A public meeting will be held at the following venue to discuss the project and obtain feedback from the public with regards to the proposed project:  
**Westonaria Civic Centre**  
**27 February 2013**  
**15:00**

An advertisement, according to Regulation 54 of NEMA regarding the project background and the assessment process being followed were placed on 15 February 2013 in the Randfontein/Westonaria Herald.

Randfontein/Westonaria Herald, 15 February 2013

SPORTS SCENE

Page 23

GEHOU TE WESTONARIA SAKKUR 4487/09 TUSSEN SLADEN & MILNE INDUSTRIAL SUPPLIES (PTY) LTD EISER EN FARMERD KWAN VERWERDER

Ingevoelde uitpraak in die Hof van die Landdroes van Westonaria en Landbrot tot gereëlde verkoping gedurende die 3de dag van OKTOBER 2013, sal die onderverreemde goedere in eksklusie op die 2de dag van FEBRUARIE 2013 om 11h00 te 50 EDWARDSLAN, WESTONARIA aan die hoogste bodder gereëlig verkoop word, naamlik:

- 1x LG TV & TV STAND & PHILLIPS DVD & COFFEE TABLE
2x BROWN LEATHER COUCHES & GREY MATCHING CHAIRS (2)
1x DININGROOM TABLE & 8 CHAIRS & SIDEBOARD
1x SAHARA LIFTOP
1x BEDROOM SET COMPLETE
1x BATHROOM CUPBOARD
1x WHITE & GOLD BEDROOM SET COMPLETE
1x KITCHEN TABLE & CHAIRS
1x KEVLINATOR 2
MICROWAVE OVEN & CHEST FREEZER
1x KIC FRIDGE/FREEZER & DEFF OSMASHER
1x DEFF WASHING MACHINE & DEFF LIMBLE DRYER
1x PHILLIPS TV & DELL PC COMPLETE WITH PRINTER
1x GREY TOYOTA REG. MLD 97 GP
1x SILVER KEVLINATOR FREEZER

DEKATTEER TE WESTONARIA OP DIE 2de DAG VAN JANUARIE 2013

VENTER & VON ABO MCGREGORSTRAAT 7 WESTONARIA

VENR: M528/RVA/AD/S2846 (SALA) WAO1251

RANDFONTEIN DORPSBEPLANNINGSKEMA 1988 KENNIGWEIING VAN TOESTEMMING

Kennigweing geskied hiermee, ingevolge Klousule 13 van bogenoemde skema oek, die ondergetekende, van voornemens is om by die Plaaslike Munisipaliteit van Randfontein aansoek te doen om spesiale toestemming vir die oprigting, gebruik of stigting van GRANNY M DAY CARE CENTRE Op Erf No. 1395 Doorp. MOHLAKENG Gedeel te: LESHOMO STREET, wat binne MOHLAKENG, RANDFONTEIN getuokoneer val.

Plana en/of besonderhede van hierdie aansoek is gedurende gewone kantoorure (08h00 tot 16h00) te Munsipale Kantoor, Randfontein, ter insae. Besware, indien enige, teen die goedkeuring van hierdie aansoek, moet reeds daarvoor, moet skriftelik by die Munsipale Bestuurder, Randfontein, Plaaslike Munisipaliteit, Posbus 218, RANDFONTEIN, 1760 en by die applikant nie later as 1 MARCH 2013.

NAME: PAULA SEFAKO TEL NO: 078 854 8420 ADRES: 12 MAJUBA ROAD, FINSBURY, RANDFONTEIN, 1759 WAO1128

RANDFONTEIN TOWN PLANNING SCHEME, 1998 NOTICE OF APPLICATION FOR CONSENT

Notice is hereby given in terms of Clause 13 of the Randfontein Town Planning Scheme, 1998 that, the undersigned, intend to apply to the Local Municipality of Randfontein for special consent to establish: GRANNY M DAY CARE CENTRE On Erf/Stand No: 1395 LESHOMO STREET, which falls within: MOHLAKENG, RANDFONTEIN site zone.

Plans and/or particulars of this application may be inspected between normal office hours (08h00 to 16h00) at the Municipal Offices, Randfontein. Objections, if any, to the application, together with grounds therefor, must be lodged in writing to the Municipal Manager, Local Municipality of Randfontein, PO Box 218, RANDFONTEIN, 1760 and to the applicant not later than 1 MARCH 2013.

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Sharing a true passion for horses

Randfontein — Litchfield Equestrian Centre is an establishment where pupils can come and practice horse riding and show jumping. It was established in 2004, and this year marks the eighth anniversary of this prestigious riding school.

According to the owner of Litchfield, Kirsty van der Merwe, they are a very family-oriented yard that caters for both competitive and non-competitive riders. "We host and attend many training shows, graded shows and inter-schools shows during the year. Our stable yard doubles as a registered Arabian horse breeding stud, breeding quality Arabian youngstock for the showing and endurance disciplines. We have a wonderful barn-style stable block, lunge rings, individual paddocks and arena facilities. We specialise in showing, equitation, show jumping and dressage," says Kirsty.

Many pupils from local schools in Randfontein participate in competitive and non-competitive events at Litchfield. They are guided and trained by a true, passionate trainer. "As the owner of the yard, I have achieved many show results in my riding career. I have show jumped successfully up to 1.45m. I have also competed in dressage up to elementary levels, and have done very well in the showing discipline with my Arabian stallion. He is the champion utility horse for the National Arabian Show, Pretoria Show and summer show all in 2012," says Kirsty.

"We recently won the Reserve Champion Dressage Award for the year. I also have been ranked top 20 in the Arabian Show disciplines for 2012. We have been in the top five horses for senior show hack stallions; senior costume horse; senior hunter pleasure horse - adult riding horse, and adult rider classes." Kirsty's riders have achieved top three spots at national level in their different disciplines. Some of these riders have received sponsorships with large companies who feel they have the potential to go very far.

The school has a super team taking part in the inter-schools competition. This allows children to represent their schools and receive recognition for this sport. The inter-schools shows are a wonderful way for children to show their best and allow them to receive colours for equestrian. "We have wonderful classes for young and old. We start classes from the age of five and up.

"We believe that you never too old to ride. Children who join this environment benefit by learning many new aspects of horsemanship, responsibility and horse riding, and it will also help with developing concentration. It is a wonderful therapy for children with ADHD, cerebral palsy and learning difficulties," says Kirsty.

For more information, contact Jenny on 082 577 4304.



Kirsty van der Merwe on one of

Geniet vanjaar se Goue Leeus-rugbyseisoen in styl op Ellispark

Greenhills — Randfontein Rugbyklub is trots daarop om deel van die Goue Leeus Rugby Unie te vorm en gee nou vir elke inwoners van Randfontein die geleentheid om die rugby-wedstryde op Ellispark in styl te aanskou. Volgens 'n verteenwoordiger van Randfontein Rugbyklub, Willie Hunter, het die klub 'n baie gerieflike losie by Ellispark Rugby Stadion en wil hulle graag die gerief met die inwoners van Randfontein deel. Randfontein Rugbyklub het baie moete gedoen om die losie op te graader en dit is beslis 'n besoek werd.

Daarom het hulle dit goed gedink om tydens vanjaar se rugbyseisoen hul hoofpaviljoenkaartjies aan die gemeenskap beskikbaar te stel sodat elke rugbyliefhebber in Randfontein die kans kan kry om 'n wedstryd by die asemroende stadion te beleef. "Wanneer jy 'n kaartjie van Randfontein Rugbyklub koop, gee dit jou die geleentheid om die Randfontein Rugbyklub se losie te besoek en van ons punke geriewe daar gebruik te maak.

"Daar sal ligte vingerhappies in die losie beskikbaar wees en almal wat kom inloer mag dan ook van die kontakstrook gebruik maak," vertel Willie. Aangesien al die rugbyseisoendatums klaar vasgestel is, is die kaartjies vir alle wedstryde reeds by Randfontein Rugbyklub beskikbaar, so moet nie op jou laat wag nie.

Daarom is dit 'n goeie idee om jou kaartjies so gou moontlik te bespreek en af te haal. Die geld wat die rugbyklub op dié wyse invorder gaan aangewend word vir die klub se instandhouding. Die geld sal ook bydra om aan die einde van die jaar 'n bedrag aan elke speler van Randfontein Rugbyklub te oorkhandig vir hul harde werk tydens die seisoen.


"Vanjaar se rugbyseisoen belooft om groot pret te wees en met baie bekostigbare kaartjies kan niemand dit bekostig om dié geleentheid mis te loop nie. Daarom doen ek 'n beroep op die gemeenskap om ons te help deur deel van die projek te wees," vertel Willie. Vir kaartjiesbesprekings en verdere inligting, skakel gerus vir Willie Hunter by 082 335 7348.

Advertisement for Gold One Cooke Operations, including GCS logo, company name, and contact information for environmental impact assessment services.

Advertisement for looklocal.co.za, featuring the logo and website address.

## 2.2 EIA Phase Advertisement - 17 July 2013

An advertisement, according to Regulation 54 of NEMA regarding the project background and the assessment process being followed will be placed on 17 July 2013 in the Randfontein/Westonaria Herald.



**GOLD ONE**  
COOKE OPERATIONS

NOTIFICATION OF ENVIRONMENTAL AUTHORISATION PROCESSES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (ACT NO. 107 OF 1998) / NATIONAL NUCLEAR REGULATION ACT (ACT NO. 47 OF 1999) / NATIONAL WATER ACT (ACT NO. 36 OF 1998) / MINERAL AND PETROLEUM RESOURCE DEVELOPMENT ACT (ACT NO. 28 OF 2002) FOR THE PROPOSED GOLD ONE INTERNATIONAL LIMITED TAILINGS BACKFILL PLANT PROJECT NEAR BEKKERSDAL IN GAUTENG

CLAIM REFERENCE NUMBER: GAUT-002/12-13/0230

GCS REFERENCE NO: 12-5614

A previous public notice placed in this newspaper on 15 February 2013 announced the abovementioned project to interested and affected parties (IBAPs) and requested them to submit comments or suggestions with regard to the Environmental Authorisation Processes that were being undertaken in terms of the National Environmental Management Act (Act No. 107 of 1998), the National Nuclear Regulator Act (Act No. 47 of 1999), the National Water Act (Act No. 36 of 1998) and the Mineral and Petroleum Resource Development Act (Act No. 28 of 2002).

Gold One Cooke Operations (Gold One) has appointed GCS (Pty) Ltd as consultants to facilitate the environmental authorisation process for the proposed establishment of the Tailings Backfill Plant and associated pipeline near the Cooke 2 Shaft area, near Bekkersdal (Westonaria) in the Gauteng Province. The proposed Backfill Plant and associated pipeline is located on several portions of the farms Lippardpark 243 and Gersbokfontein 190.

GCS has now compiled the Draft Environmental Impact Report (EIR) and Environmental Management Programme (EMP) based on the initial feedback received from IBAPs either at the Public Meeting held on 27 February 2013 in Westonaria or through written submissions to GCS.

Please rest assured that all the comments raised were captured in a Issues and Response Report. The Issues and Response Report forms part of the Draft EIR, which will be made available for public review from Monday, 15 July 2013 until Monday, 26 August 2013 at local venues in the area (see box below), and on the GCS web site (<http://www.gcs-sa.biz/Documents>). An electronic copy (CD) of the report will also be made available on request.

Draft Documents for IBAP Review (Monday, 24 June 2013 until Friday, 2 August 2013)	
Location of document	Contact numbers
Cooke offices R559 (Main Road) road	011-411-6419 / 011-278-0000
Westonaria Public Library Corner Neptune and Saturn Streets, Westonaria	011-278-3000
Randfontein Public Library Corner Stubb and Sutherland Street, Randfontein	011-411-0800

As part of the NEMA, MPRDA and NWA environmental authorisation processes, an Open Day will be held as follows:

Date: 26 July 2013

Venue: Westonaria Banquet Hall,  
Corner Neptune and Saturn Streets,  
Westonaria

Time: 11h00-14h00

Should you have any comments on the Draft EIR/EMP, or if you would like to obtain more information, please do not hesitate to contact GCS:

Riana Panaloro  
Tel: 011-803-5726  
Fax: 011-803-5745  
E-mail: [riana@gcs-sa.biz](mailto:riana@gcs-sa.biz)  
Post: PO Box 2597, Rivonia, 2128

Proof of placement was requested from the newspaper and will be included in the Final EIA PPP document.




### 3 Appendix B-3: I & AP Notification

#### 3.1 Pre-Application Notification Letter - 15 January 2013


Proof of the pre-application I&AP notification had to be submitted along with the NEMA Application document. A pre-application notification letter was delivered to all houses and dwellings on properties adjacent to the proposed Project. Where no-one was home a notification letter was left in the post box. The pre-application notification letter serves to:

- Give a brief description of the EIA and public participation processes;
- Invites Interested and Affected Parties (I&APs), to participate in the process; and
- Provides brief project description.

For the pre-application notification letter deliveries, a table was formulated with the known Interested and affected parties listed as well as any contact details, the property name/ farm portion and whether or not they have received the pre-application notification letter. Provision was also made for any I&AP's that were not listed. By means of a map and directions from the locals, as many of the listed I&AP's as possible were presented with the pre-application notification letter as well as visiting other farms and institutions that may not have initially been listed as I&AP's.

 <p>63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745 Web: www.gcs-sa.biz</p> <p>Our Reference: GCS Ref - 12-561 Your Reference: Gold 1 Tailings Backfill Plant</p> <p>2013.01.14</p> <p>Gold 1: Tailings Backfill Plant Proposed Project</p> <p>Attention: Interested and Affected Party Number of pages: 2 (including this one)</p> <p>Dear Sir/Madam</p> <p><b>NOTIFICATION OF INTENTION TO APPLY FOR ENVIRONMENTAL AUTHORISATION PROCESSES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (ACT NO. 107 OF 1998) (NEMA), MINERAL AND PETROLEUM RESOURCE DEVELOPMENT ACT (ACT NO. 28 OF 2002) (MPRDA), NATIONAL WATER ACT (ACT NO. 36 OF 1998) (NWA) AND NATIONAL NUCLEAR REGULATOR ACT (ACT NO. 47 OF 1999) (NNRA) FOR THE PROPOSED GOLD 1 TAILINGS BACKFILL PLANT PROJECT.</b></p> <p>The proposed Gold 1 Tailings Backfill Project development will fall within a brownfields area located near Belkersdal, Westonaria and Randfontein in the Gauteng Province. The proposed project will require the construction and operation of the following infrastructure: Tailings Backfill Plant, Tailings pipelines, Return Water Pipelines, Ancillary infrastructure at plant.</p> <p>Gold 1 appointed GCS (Pty) Ltd as an independent environmental consultant to facilitate the environmental authorisation processes for the Tailings Backfill Project in accordance with the MPRDA, NEMA, NWA and NNRA.</p> <p>The environmental authorisation process will be conducted to ensure that the environmental impacts that may be associated with the proposed project are taken into consideration. Interested and Affected Parties (I&amp;APs) have an opportunity to comment by providing issues of concern and to ensure that the Competent Authorities being the Gauteng Department of Agriculture and Rural Development (GDARD), Department of Mineral Resources (DMR), the Department of Water Affairs (DWA), and the National Nuclear Regulator (NNR) has sufficient information to make a decision.</p> <p><b>Environmental Assessment Practitioner (EAP)</b> According to Section 17 of the NEMA General Notice Regulation 543 of 18 June 2010:</p> <p>- "before applying for environmental authorization of an activity, an applicant must appoint an EAP at own cost to manage the application."</p> <p><small>REG (Pty) Ltd Reg No: 2006/000760/07 Est. 1987 Incorporating: Golden Mindshare Octava Proecta Divisions: AC Infrastructure (Management) PF Lubrication AWC Metals S Fibre E Hygiene Non-executive: G De Jager</small></p>	<p>Client: _____ Template</p> <p>According to Section 18 of the NEMA General Notice Regulation 543 of 18 June 2010, and EAP must:</p> <ul style="list-style-type: none"> <li>• Be Independent;</li> <li>• Have expertise in conducting the EIA, etc.;</li> <li>• Be objective, even if this result in views and findings that is not favorable to the applicant, etc.</li> </ul> <p>GCS Water and Environment (Pty) Ltd (GCS) has been appointed as the EAP for the Gold1 Tailings Backfill Project. Once the project is initiated through the NEMA application to the GDARD, GCS will provide you with a Background Information Document (BID), as an initial opportunity to comment, which will describe:</p> <ul style="list-style-type: none"> <li>• The motivation for and components of the proposed project;</li> <li>• Potential issues for investigation;</li> <li>• The environmental authorization process and public participation process to be followed;</li> <li>• How stakeholders can contribute to the process; and</li> <li>• How to contact GCS.</li> </ul> <p>Meanwhile, should you have any questions, or would like to obtain more information, please feel free to contact myself, or Riiana Panano</p> <p>Yours sincerely</p> <p>Regards</p> <p> Estie Retief Environmental Project Manager For GCS (Pty) Ltd</p> <p> Riiana Panano Environmental Consultant For GCS (Pty) Ltd</p> <p>12-561 14 January 2013 Page 2</p>
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3.2 Proof of Pre-Application Notification Letter deliveries - 15 January 2013



**Notification Acceptance**  
Pre-Application I&AP Notification

Date: 15 January 2013

Project Name: Gold 1 Tailings Backfill Plant  
Project Number: 12-561


Name & Surname	Address	Telephone	Cellphone	Email	Signature
ZJ Van Grauning	bedulle 122 Lupandaba 30 FN Postbus 6043 Grahamstown	0833269889		Jaonvg@ntelnet.co.za	
ZJ Van Grauning	bedulle 127 Lupandaba 30 FN Postbus 558 Grahamstown 1760		073869 5384	0794453626@ walemail.co.za	
NIE COETZEE	Rydstee 90 Bvd 899 Grahamstown 1760	0853530785 014147004		coetzeem@ telkomsa.net	
JH dePlein		0800241084		Martindp@Mweb. co.za	

<p>Photo No. <b>3-1</b></p>	<p>Coordinates n/a</p>	
<p>Pre application notification letter delivery:</p> <p>Letter placed on gate at a house in close proximity of the Cooke Dump</p>		



<p><b>Photo No.</b> <b>3-1</b></p>	<p><b>Coordinates</b> n/a</p>	
<p><b>Pre application notification letter delivery:</b></p> <p>Letter placed on gate at a house located just off the R559 Road</p>		

<p><b>Photo No.</b> <b>3-1</b></p>	<p><b>Coordinates</b> n/a</p>	
<p><b>Pre application notification letter delivery:</b></p> <p>Letter delivered to Mr van Greuning.</p>		

<p><b>Photo No.</b> <b>3-1</b></p>	<p><b>Coordinates</b> n/a</p>	
<p><b>Pre application notification letter delivery:</b></p> <p>Letter delivered to Mr Coetzee.</p>		

### 3.3 Proof of Pre-Application Notification Letter sent via email - 15 January 2013

Pre-Application Notification letters were sent via email to those identified I&AP's that weren't available when the letters were delivered.

**Riana Panaino**

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**From:** Riana Panaino  
**Sent:** 15 January 2013 02:57 PM  
**To:** mahatammohoagri@gmail.com  
**Subject:** Gold1 Notification of NEMA Application: Backfill plant  
**Attachments:** Notification Letter.pdf


Dear Stakeholder

Please find attached the notification of the NEMA Application for the proposed new Backfill Plant Project and associated pipeline.

Kind regards

**Riana Panaino**  
*Environmental Consultant*

M- | T- +27(11) 803-5726 | F- +27(11) 803-5745 | [www.gcs-sa.biz](http://www.gcs-sa.biz)  
E- [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz)



63 Wessel Road Woodmead Johannesburg South Africa  
[view disclaimer](#)

**Riana Panaino**

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**From:** Microsoft Outlook  
**To:** mahatammohoagri@gmail.com  
**Sent:** 15 January 2013 02:58 PM  
**Subject:** Relayed: Gold1 Notification of NEMA Application: Backfill plant

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[mahatammohoagri@gmail.com](mailto:mahatammohoagri@gmail.com) ([mahatammohoagri@gmail.com](mailto:mahatammohoagri@gmail.com))

Subject: Gold1 Notification of NEMA Application: Backfill plant

**Riana Panaino**

---

**From:** Riana Panaino  
**Sent:** 15 January 2013 02:59 PM  
**To:** villet@lantic.net  
**Subject:** Gold1 Notification of NEMA Application: Backfill plant  
**Attachments:** Notification Letter.pdf

Dear Stakeholder

Please find attached the notification of the NEMA Application for the proposed new Backfill Plant Project and associated pipeline.

Kind regards

**Riana Panaino***Environmental Consultant*

M: | T: +27(11) 803-5726 | F: +27(11) 803-5745 |

[www.gcs-sa.biz](http://www.gcs-sa.biz)

E: [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz)



63 Wessel Road Woodmead Johannesburg South Africa

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**Riana Panaino**

---

**From:** Microsoft Outlook  
**To:** villet@lantic.net  
**Sent:** 15 January 2013 03:03 PM  
**Subject:** Relayed: Gold1 Notification of NEMA Application: Backfill plant

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[villet@lantic.net](mailto:villet@lantic.net) ([villet@lantic.net](mailto:villet@lantic.net))

Subject: Gold1 Notification of NEMA Application: Backfill plant

### 3.4 Draft ESR availability and public meeting notification - 7 February 2013

**Riana Panalno**

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**From:** Riana Panalno  
**Sent:** 07 February 2013 08:21 PM  
**To:** pietadv@safricon.co.za; pietadv@safricon.co.za  
**Subject:** Gold One BID and Draft ESR notification  
**Attachments:** Gold One BID final.pdf

Dear Stakeholder

We obtained your information from the Gold One Interested and Affected Parties (I&AP) Database for previous projects at Gold One Cooke Operations. Please find attached the BID document for the proposed Tailings Backfill Plant near Bekkersdal, Westonaria.

GCS (Pty) Ltd, as independent environmental consultants and environmental assessment practitioners (EAP), has been appointed by Gold One to facilitate the environmental authorization process for the proposed Tailings Backfill Plant.

Should you wish to register as an I&AP please respond to me by no later than **19 March 2013** at the contact details below.

Tel: (011) 803 5726  
Fax: (011) 803 5745  
Email: [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz)  
Postal Address: GCS (Pty) Ltd; PO Box 2597; Rivonia; 2128

All issues, concerns or suggestions need to be sent to GCS in writing, either through Post, Email, Fax or by completing the comments sheet attached to the BID.

As part of this process, a Project Open Day will be held on:  
Date: **27 February 2013**  
Time: **15h00**  
Venue: **Westonaria Civic Centre**

The Draft Environmental Scoping Report is currently available for public review at the following locations:

- Westonaria Public Library (Neptune and Saturn Streets, Westonaria)
- Randfontein Public Library (Stubbs / Sutherland Street, Randfontein)
- Cooke Offices (R559 (Main Road))
- GCS Website ([www.gcs-sa.biz](http://www.gcs-sa.biz))

If you do not wish to receive any further communication about this project please inform GCS in writing.

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Geagte Meneer / Mevrouw

GCS het u besonderhede verkry vanaf 'n Publieke Deelname databasis vir vorige projekte van Gold One Cooke Operations. Vind asseblief aangeheg die informasie dokument vir die voorgestelde uitskot terugvulling aanleg en gepaardgaande pypleiding naby Bekkersdal, Westonaria.

GCS (Edms) Bpk, as onafhanklike omgewings konsultant, is deur Gold One aangestel om die Omgewings Magtigings proses vir die uitskot terugvulling aanleg te behartig.

1

Indien u geregistreer wil word as n Belanghebbende en Geaffekteerde Party, kontak my asseblief voor of op 19 Maart 2013 by die volgende kontaknummers:

Tel: (011) 803 5726  
Faks: (011) 803 5745  
E-pos: [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz)  
Posadres: GCS (Pty) Ltd; Posbus 2597; Rivonia; 2128

Alle kwessies, bekommernisse of voorstelle moet asseblief op skrif na GCS gestuur word, deur middel van Pos, Faks, E-pos, of deur die kommentaarblad wat aan die informasie dokument geheg is in te vul, en na GCS te stuur.

As deel van hierdie proses, sal 'n Publieke Vergadering gehou word op:

Datum: 27 Februarie 2013

Tyd: 15h00

Plek: Westonaria Burgersentrum

Die Konsep Omgewingsbestekopnameverslag is tans beskikbaar by die volgende plekke vir publieke oorsig:

- Westonaria Publieke Biblioteek (Neptunes en Saturnus Straat, Westonaria)
- Randfontein Publieke Biblioteek (Stubbs / Sutherland Straat, Randfontein)
- Cooke 1 Offices (R559 (Main Road))
- GCS Webwerf ([www.gcs-sa.biz](http://www.gcs-sa.biz))

Indie u nie enige verdere kommunikasie oor die projek wil ontvang nie, stel GCS skriftelik in kennis.

### Riana Panalno

Environmental Consultant

M- | T- +27(11) 803-5726 | F- +27(11) 803-5745 |

[www.gcs-sa.biz](http://www.gcs-sa.biz)

E- [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz)



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### 3.5 Background Information Document (BID)

The Background Information Document is an integral part of the public participation process, as it

- Gives an overview of the EIA and public participation processes;
- Outlines the legislative background (NEMA, IWULA);
- Invites Interested and Affected Parties (I&APs), to participate in the process;
- Provides information to all Interested and Affected Parties.

For the Background Information Document deliveries, emails were sent to Interested and Affected Parties listed and confirmed during the pre-application letter delivery. The BID is represented below.

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Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745

Web: www.gcs-sa.biz

## BACKGROUND INFORMATION DOCUMENT AND INVITATION TO COMMENT

### NOTIFICATION OF AN ENVIRONMENTAL AUTHORISATION PROCESSES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (ACT NO. 107 OF 1998) / NATIONAL NUCLEAR REGULATOR ACT (ACT NO. 47 OF 1999) / NATIONAL WATER ACT (ACT NO. 36 OF 1998) / MINERAL AND PETROLEUM RESOURCE DEVELOPMENT ACT (ACT NO. 28 OF 2002) FOR THE PROPOSED GOLD ONE INTERNATIONAL LIMITED TAILINGS BACKFILL PLANT PROJECT NEAR BEKKERSDAL IN GAUTENG

#### Purpose of this Background Information Document

The purpose of this document is to provide all interested and affected parties (I&APs) with information about the proposed establishment of the new Full Plant Tailings (FPT) Backfill Plant, as well as the following:

- Introduce and explain the Scoping and Environmental Impact Assessment (S&EIA) process, especially the public participation process that is prescribed by the National Environmental Management Act, 1998 (Act No.107 of 1998) (NEMA);
- Introduce and explain the Public Participation Process related to the National Water Act (Act No. 36 of 1998)
- Invite all I&APs to comment on :
  - The ecological, physical, socio-economic and any other issues of concern;
  - The proposed public participation and environmental assessment process, and
  - Any other suggestions.

Date of Publication: 5 February 2013

Client Name: Gold One International Limited

GCS Project Number: 12-561

GDARD Reference: GAUT: 002/12-13/E0230

#### What is an EIA/EMP and what does an EIA/EMP contain?

The National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and Petroleum Resource Development Act, 2002 (Act No. 28 of 2002) (MPRDA) prescribes the processes to be followed when compiling the Environmental Impact Assessment (EIA) and the Environmental Management Programme (EMP), in respect of listed activities that forms the legal basis of this authorisation. The process aims to ensure that all relevant factors are considered when evaluating the potential environmental impacts of a project, as well as developing appropriate environmental management measures to mitigate these impacts.

The purpose of the EIA is to assess the current environment in which a proposed activity will take place and assess all potential impacts in terms of its extent, duration, intensity and significance relating to the specific activity. The EMP describes the goals and objectives for environmental management to minimise or eliminate the potential environmental impacts, the action plans to bring effect to those goals and objectives, the procedures to be implemented to ensure integration of environmental management into the daily operations, as well as a plan to raise awareness of employees and the surrounding community with regards to environmental management.

## Project Description

A new Full Plant Tailings (FPT) Backfill Plant is proposed for the Cooke Operations, initially to provide backfill to Cooke 2 Shaft with the intention to expand to Cooke 3 Shaft if necessary. The latest production profile has been used to determine the required backfill. The stope height of 3.5m has precluded the use of cyclone classified tailings (CCT), also referred to as hydraulic fill. A 100% fill has been designed for the stopes. The backfill has been designed to have a free standing height of 3.5 m. The backfill will be placed at a density of 1.75 kg/m<sup>3</sup>. All backfill will have a binder added, with the current design based on approximately 7% binder addition.

The plant will be designed to be modular with all equipment (including the thickeners) being transportable to another site, thereby ensuring the backfill plant can be relocated to another site. Due to the shallow operations, surface boreholes located close to the mining operations can be used to transfer the backfill down the mine. All excess water will be transferred back to Cooke Plant for disposal.

## Where is the project located?

The proposed project by Gold One International Limited (Gold One) (known as the Cooke 2 and 3 Backfill Project) is to re-process its existing tailings storage facilities (TSF) in the Randfontein/Westonaria/Johannesburg region. The location is in the West Rand District and Johannesburg Municipalities approximately 40km west of Johannesburg city centre, and south west of Mogale City (Krugersdorp), Gauteng Province. The closest towns and residential suburbs to the mining operations are Randfontein, Mogale, Westonaria and Toekomsrus.

The Project area comprises 2 (two) farms, namely, Luipaardsvlei 243 and Gemsbokfontein 290 in the Johannesburg Registration Division. The proposed Pipeline will cross over the Luipaardsvlei farms, and the backfill plant will be situated on the farm Gemsbokfontein 290.



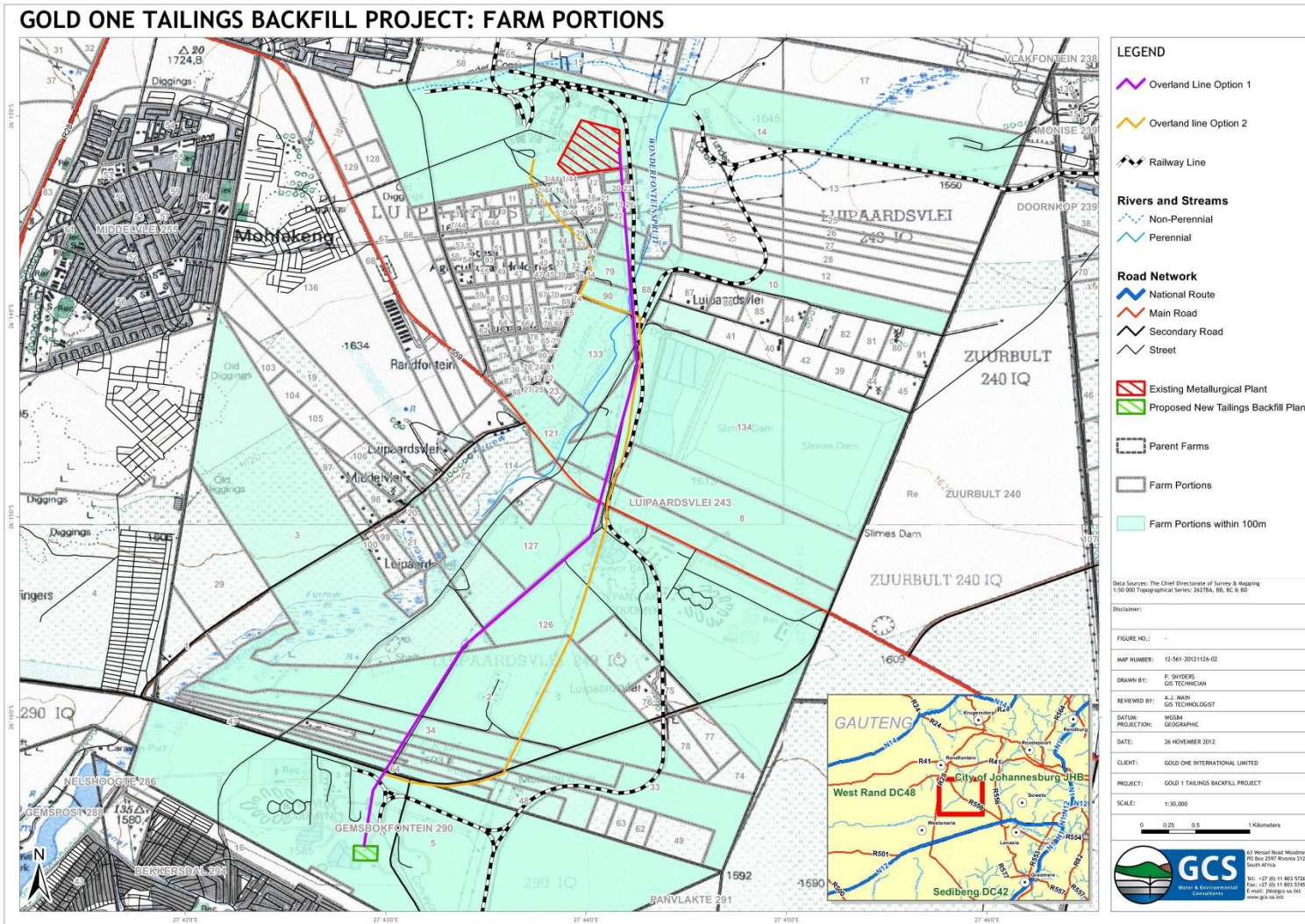


Figure 1: Location of the proposed Backfill Plant and associated pipeline

## Required Authorisations - Environmental Impact Assessment Process

The environmental authorisation processes for the proposed establishment of the new FPT Plant will be undertaken in accordance with NEMA, NNRA and the NWA. These Acts and its various processes and requirements are discussed below:

### **Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)**

In terms of Section 39 (1) of the MPRDA, every person who has applied for a mining right in terms of Section 22 must conduct an environmental impact assessment and submit an environmental management programme within 180 days of the date on which he or she is notified by the Regional Manager to do so. The applicant is also notified to notify and consult with interested and affected parties within 180 days from the date of the notice.

Due to the fact that the FPT Plant is being proposed within the Gold One operations area a new application in terms of the MPRDA is not required, however the applicable sections of the approved EMP for the FPT Plant will require an amendment in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA) to reflect the proposed development.

### **National Nuclear Regulator Act (Act No. 47 of 1999)**

The purpose of the National Nuclear Regulator Act is to provide for the establishment of a National Nuclear Regulator in order to regulate nuclear activities, for its objects and functions, for the manner in which it is to be managed and for its staff matters; to provide for safety standards and regulatory practices for protection of persons, property and the environment against nuclear damage; and to provide for matters connected therewith.

In terms of these Regulations, Gold One requires authorisation for the backfill of re-processed tailings into old mine voids. The public and worker safety assessments that will be carried out for the radiological assessment will be included in a separate investigation conducted under the auspices of the National Nuclear Regulator Act, but the results will be available for inclusion in the EIA report.

### **National Water Act, 1998 (Act No. 36 of 1998)**

Due to the requirements of the NWA, a Water Use License Application needs to be compiled and submitted to the Department of Water Affairs (DWA) to ensure the legality of the proposed project's water use.

GCS will be compiling and submitting the application for the required water use licenses as per the NWA. The Integrated Water Use License Application will be conducted for the project in parallel with the EIA and EMP process (NEMA) for any activity in terms of Section 21 of the NWA.

### National Environmental Management Act, 1998 (Act No. 107 of 1998)

Section 24 of the NEMA requires that activities (e.g. construction), which may impact on the environment must obtain an environmental authorisation from a relevant authority before commencing with the activities. Such activities are listed under Regulations Listing Notice 1 Government Notice (GN) 544 and Listing Notice 2 GN 545 (dated 2 August 2010) of NEMA.

In terms of the proposed new Backfill Plant, the Gauteng Department of Agriculture and Rural Development (GDARD) is regarded to be the competent authority for environmental authorisation and as such all applications will be sent to GDARD.

The activities which are triggered by the proposed Backfill Plant are listed under Regulation R544 and R545, and as such require an application for an Environmental Authorisation in the form of an Environmental Impact Assessment (EIA) process.

The purpose of the EIA process is to identify and assess the potential environmental and socio-economic impacts associated with the proposed project, and to develop measures to manage and/or mitigate the negative impacts, and enhance any potential positive impacts.

The following listed activities will require environmental authorisation in terms of the NEMA:

| NOTICE NO | ACTIVITY | LIST ACTIVITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GNR 544   | 9        | The construction of facilities or infrastructure exceeding 1000m in length for the bulk transportation of water, sewage or storm water<br>(i) With an internal diameter of 0.36 metres or more; or<br>(ii) With a peak throughput of 120 litres per second or more                                                                                                                                                                                                                  |
| GNR 544   | 23       | The transformation of undeveloped, vacant or derelict land to -<br>(i) Residential, retail, commercial, recreational, industrial or institutional use, inside an urban area, and where the total area to be transformed is 5 hectares or more, but less than 20 hectares;                                                                                                                                                                                                           |
| GNR 544   | 28       | The expansion of existing facilities for any process or activity where such expansion will result in the need for a new, or amendment to, an existing permit or license in terms of national or provincial legislation governing the release of emission or pollution, excluding where the facility process or activity is included in the list of waste management activities published in terms of section 19 of the NEMWA                                                        |
| GNR 544   | 37       | The expansion of facilities or infrastructure for the bulk transportation of water, sewage or storm water where:<br>(a) The facility or infrastructure is expanded by more than 1000m in length; or<br>(b) Where the throughput capacity of the facility or infrastructure will be increased by 10% or more                                                                                                                                                                         |
| GNR 544   | 39       | The expansion of<br>(i) Canals<br>(ii) Channels<br>(iii) Bridges<br>(iv) Weirs<br>(v) Bulk storm water outlet structures<br>(vi) Marinas;<br>Within a watercourse or within 32 metres of watercourse, measured from the edge of a watercourse, where such expansion will result in an increased development footprint but excluding where such expansion will occur behind the development setback line                                                                             |
| GNR 544   | 49       | The expansion of facilities or infrastructure for the bulk transportation of dangerous goods:<br>(i) In gas form, outside an industrial complex, by an increased throughput capacity of 700 tons or more per day<br>(ii) In liquid form, outside an industrial complex or zone by an increased throughput capacity of 50 cubic metres or more per day<br>(iii) In solid form, outside an industrial complex or zone, by an increased throughput capacity of 50 tons or more per day |
| GNR 545   | 2        | The construction of facilities or infrastructure for nuclear reaction including energy generation, the production, enrichment, processing, reprocessing, storage or disposal of nuclear fuels, radioactive                                                                                                                                                                                                                                                                          |

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| NOTICE NO | ACTIVITY | LIST ACTIVITY                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |          | products and nuclear and radioactive waste.                                                                                                                                                                                                                                                                                                                                                                            |
| GNR 545   | 5        | The construction of facilities or infrastructure for any process or activity which requires a permit or license in terms of national or provincial legislation governing the release of emission or pollution or effluent and which is not identified in Notice No 544 of 2010 or included in the list of waste management activities published in terms of section 19 of the NEMWA, in which case that Act will apply |
| GNR 545   | 25       | The expansion of facilities for nuclear reaction including energy generation, the production, enrichment, processing, reprocessing, storage or disposal of nuclear fuels, radioactive products and nuclear and radioactive waste.                                                                                                                                                                                      |

## Environmental Assessment Practitioner GCS (PTY) LTD

GCS (Pty) Ltd is a fully integrated water, environmental, and earth science consulting services company based in the Republic of South Africa. GCS provides a professional consulting service in the fields of environmental, water and earth sciences. GCS has a team of highly trained staff with considerable experience in the fields of environmental and water science.

GCS will act as the Independent (EAP), as well as the Public Participation Practitioner for this EIA, environmental authorisation processes and PPP.

## Public Participation Process

The public participation process is an integral part of the EIA process, and continues throughout the EIA process.

The key objective of public participation during an EIA process is to assist stakeholders to identify issues of concern and suggestions for enhanced benefits, and to comment on the findings of the EIA.

Proposed steps in and scheduling of the process are as follows:

### ***Step 1: Notify I&APs and identify issues***

- Notify I&APs of the project proposal;
- Identify any issues/concerns of I&APs;
- Provide I&APs with a Background Information Document (BID) on the project, including a locality map and a Registration and Comment Sheet; and
- I&APs are required to register their interest in the project to receive further project information.

### ***Step 2: I&AP review of Draft Scoping Report***

Issues and concerns raised/identified are contained in a Comment and Responses Report for inclusion in the Draft Scoping Report;

- The report is released for a 30 day comment period; and
- All registered I&APs on the project database are notified in writing of the opportunity to comment.

Copies of the report will be made available on the GCS website [www.gcs-sa.biz](http://www.gcs-sa.biz)

### ***Step 3: Final Scoping Report***

Comments received from I&APs during the review process are considered in the compilation of the Final Scoping Report before it is submitted to GDARD for their decision making.

All I&APs on the project database will be notified in writing of the submission of the Final Scoping Report to GDARD.

**Step 4: Draft EIR and EMPr for I&AP review**

Compilation and release of a Draft EIR (including the draft EMPr) for a 30 day review period.

**Step 5: Final EIR and Draft EMPr**

The Final EIR, including the Comment and Responses Report and Draft EMPr will be compiled for submission to GDRAD for decision making.

**Step 6: Notify I&APs of Environmental Authorisation and Appeal Period**

All registered I&APs will be notified in writing of the environmental authorisation for the project and the appeal period, as well as the manner of appeal.

## Be an Integral Part of the Environmental Management Process

Public involvement is an essential part of any environmental assessment process. You have been identified as an I&AP who may want to receive information regarding the above-mentioned project and be allowed to provide your input into the environmental assessment process. All comments will be recorded and presented to the project team and regulatory authorities. You will receive feedback on how your comments have been taken into account and the outcome of the assessment.

I&APs include any person who will be directly or indirectly involved and/or affected by the project. To be recognised as an I&AP one must register with GCS (Pty) Ltd to be added to the stakeholder database for the project and may communicate via fax, email or telephone to obtain further information or comment on the proposed establishment of the new Off Grade Plant. All registered I&APs will be kept informed of the decision taken by the GDARD.

## How do you get involved?

- By registering your interest in the project with GCS as indicated below;
- By responding to our invitation for your involvement advertised in the local newspaper;
- By completing and forwarding the Registration and Comment Sheet to GCS if you have a query, comment, or require further project information;
- By telephonically contacting GCS;
- By reviewing the various reports within the stipulated comment period; and
- By attending any feedback meetings, which may be held during the review period.

## Public Notification

A major part of the Public Participation Process is to notify members of the public of the proposed activities, particularly those who may be directly or indirectly affected by the proposed project. This will be achieved via the following means:

- The placement of an advertisement in a regional newspaper;
- Notices, will be placed at the site;
- Distribution of BIDs to landowners and occupiers of land adjacent to the proposed prospecting area and to I&APs on request; and

- Local authorities will be notified in writing and automatically registered as I&APs.

## Documents for Public Review

The draft Environmental Scoping Report will be made available for public review and comment, from 7 February 2013 to 19 March 2013 at the following public venues:

| Venue                      | Address                                            | Contact person               | Tel number     |
|----------------------------|----------------------------------------------------|------------------------------|----------------|
| Westonaria Public Library  | Neptune and Saturn Streets,<br>Westonaria          | Ms Esme Kuipers              | 011 278 3124   |
| Randfontein Public Library | Stubbs / Sutherland St<br>Randfontein              | Mr Clement Daniels           | 011 411 0076/5 |
| Cooke Offices              | R559 (Main Road)                                   | Mr Jonathan Steinman         | 011 411 6419   |
| GCS Website                | <a href="http://www.gcs-sa.biz">www.gcs-sa.biz</a> | Estie Retief / Riana Panaino | 011 803 5726   |

Comments on the draft ESR must be forwarded to GCS (see contact details on overleaf) on or before 19 March 2013 for inclusion in the final ESR and EIA/EMP submitted to the DENC.

## How to comment

Should you wish to register as an I&AP in order to be kept informed, please complete the registration form on the overleaf and submit to GCS via fax, post or email. Any further enquiries can be directed to GCS telephonically, or via fax or email. It is important that you provide your contact details so that we may respond to your comments or questions.

Please note that should you require any one else to be contacted, please provide their contact details as well.

### Contact Us

Estie Retief / Riana Panaino  
 Tel: 011 803 5726  
 Fax: 011 803 5745  
 Email: [estie@gcs-sa.biz](mailto:estie@gcs-sa.biz) / [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz)  
 Postal Address: P.O. Box 2597  
 Rivonia  
 JOHANNESBURG  
 2128



**Proposed establishment of the Gold One Backfill Plant  
near Bekkersdal (Westonaria)**

**I&AP Comment and Registration Form**

GDARD Ref No: GAUT: 002/12-13/E0230

GCS Ref No: 12-561

|       |  |          |  |
|-------|--|----------|--|
| Name: |  | Surname: |  |
|-------|--|----------|--|

Organisation / interest:

|                              |       |  |       |
|------------------------------|-------|--|-------|
| Postal / Residential address |       |  |       |
|                              | Area: |  | Code: |

|                 |         |        |
|-----------------|---------|--------|
| Contact details | Tel:    | (    ) |
|                 | Fax:    | (    ) |
|                 | Mobile: | (    ) |
|                 | Email:  |        |

Please mark with an X to indicate whether you would like to participate in the process:

|                                                                                 |                          |
|---------------------------------------------------------------------------------|--------------------------|
| Yes, I would like to participate in this process and receive periodical updates | <input type="checkbox"/> |
|---------------------------------------------------------------------------------|--------------------------|

|                                                                                         |                          |
|-----------------------------------------------------------------------------------------|--------------------------|
| No, I am not interested in participating and do not wish to receive further information | <input type="checkbox"/> |
|-----------------------------------------------------------------------------------------|--------------------------|

|                                   |       |  |     |  |      |  |
|-----------------------------------|-------|--|-----|--|------|--|
| Preferred method of communication | Email |  | Fax |  | Post |  |
|-----------------------------------|-------|--|-----|--|------|--|

|                |                    |
|----------------|--------------------|
| Date commented | ( DD / MM / YYYY ) |
|----------------|--------------------|

Please indicate any issues, comments and concerns with regards to the proposed project

|  |
|--|
|  |
|  |
|  |

Please indicate in which aspects you would require more information

|  |
|--|
|  |
|  |
|  |

Please indicate the contact details of any I&APs whom you think should be contacted

|         |        |          |        |
|---------|--------|----------|--------|
| Name:   |        | Surname: |        |
| Tel:    | (    ) | Fax:     | (    ) |
| Mobile: | (    ) |          |        |
| Email:  |        |          |        |

In order to be registered as an I&AP for this project, fax, mail, or e-mail the completed registration form before **19 March 2013** to Estie Retief / Riana Panaino at:

Tel: (011) 803 5726  
 Fax: (011) 803 5745  
 Email: [estie@gcs-sa.biz](mailto:estie@gcs-sa.biz) / [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz)  
 Post: PO Box 2597, Rivonia, 2128



### 3.6 BID, Draft ESR availability and public meeting notification - Proof of Delivery

**Riana Panaino**

---

**From:** Microsoft Outlook  
**To:** mahatammohoagri@gmail.com  
**Sent:** 07 February 2013 07:54 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[mahatammohoagri@gmail.com](mailto:mahatammohoagri@gmail.com) ([mahatammohoagri@gmail.com](mailto:mahatammohoagri@gmail.com))

Subject: Gold One BID and Draft ESR notification

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** mahatammohoagri@gmail.com  
**Sent:** 07 February 2013 07:54 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[mahatammohoagri@gmail.com](mailto:mahatammohoagri@gmail.com) ([mahatammohoagri@gmail.com](mailto:mahatammohoagri@gmail.com))

Subject: Gold One BID and Draft ESR notification

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** mqulwap@dwaf.gov.za; maphumuloz@dwaf.gov.za; oelofseb@dwaf.gov.za;  
herbstp@dwaf.gov.za; mabogor@dwaf.gov.za; nxumat@dwaf.gov.za;  
ithuteng@sdm.org.za; pmenge@sdm.org.za; yolanf@ewt.org.za;  
sefanyetso@sdm.org.za; tlailam@dwaf.gov.za; mongake@sdm.org.za;  
maliba@sdm.org.za  
**Sent:** 08 February 2013 02:48 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[mqulwap@dwaf.gov.za](mailto:mqulwap@dwaf.gov.za) (mqulwap@dwaf.gov.za)

[maphumuloz@dwaf.gov.za](mailto:maphumuloz@dwaf.gov.za) (maphumuloz@dwaf.gov.za)

[oelofseb@dwaf.gov.za](mailto:oelofseb@dwaf.gov.za) (oelofseb@dwaf.gov.za)

[herbstp@dwaf.gov.za](mailto:herbstp@dwaf.gov.za) (herbstp@dwaf.gov.za)

[mabogor@dwaf.gov.za](mailto:mabogor@dwaf.gov.za) (mabogor@dwaf.gov.za)

[nxumat@dwaf.gov.za](mailto:nxumat@dwaf.gov.za) (nxumat@dwaf.gov.za)

[ithuteng@sdm.org.za](mailto:ithuteng@sdm.org.za) (ithuteng@sdm.org.za)

[pmenge@sdm.org.za](mailto:pmenge@sdm.org.za) (pmenge@sdm.org.za)

[yolanf@ewt.org.za](mailto:yolanf@ewt.org.za) (yolanf@ewt.org.za)

[sefanyetso@sdm.org.za](mailto:sefanyetso@sdm.org.za) (sefanyetso@sdm.org.za)

[tlailam@dwaf.gov.za](mailto:tlailam@dwaf.gov.za) (tlailam@dwaf.gov.za)

[mongake@sdm.org.za](mailto:mongake@sdm.org.za) (mongake@sdm.org.za)

[maliba@sdm.org.za](mailto:maliba@sdm.org.za) (maliba@sdm.org.za)

Subject: Gold One BID and Draft ESR notification

## Riana Panaino

---

**From:** Katrin [katrin.gamble@gmail.com]  
**Sent:** 08 February 2013 02:43 PM  
**To:** Riana Panaino  
**Subject:** Delivered: Gold One BID and Draft ESR notification  
**Attachments:** ATT00001

Your message was delivered to the recipient.  
Sent via BlackBerry

## Riana Panaino

---

**From:** LindaK@joburg.org.za  
**Sent:** 08 February 2013 02:43 PM  
**To:** Riana Panaino  
**Subject:** Gold One BID and Draft ESR notification



Please click here to find out more  

### Return Receipt

Your Gold One BID and Draft ESR notification document:

was [LindaK@joburg.org.za](mailto:LindaK@joburg.org.za)  
received  
by:

at: 2013/02/08 02:42:46 PM

---

The contents of this e-mail and any attachments are confidential. It is intended for the named recipient(s) only. If you have received this email in error please notify the system manager or the sender immediately and do not disclose the contents to any one or make copies.

Please note that the recipient must scan this e-mail and any attached files, for viruses and the like. While we do everything possible to protect information from viruses, the City of Johannesburg accepts no liability of whatever nature for any loss, liability, damage or expense resulting directly or indirectly from the access and/or downloading of any files which are attached to this e-mail message.

---

## Riana Panaino

---

**From:** gbarnes@wessanorth.co.za  
**Sent:** 08 February 2013 02:44 PM  
**To:** Riana Panaino  
**Subject:** Delivered: Gold One BID and Draft ESR notification  
**Attachments:** ATT00001

Your message was delivered to the recipient.  
Sent via my BlackBerry from Vodacom - let your email find you!

## Riana Panaino

---

**From:** JulyS@joburg.org.za  
**Sent:** 08 February 2013 02:45 PM  
**To:** Riana Panaino  
**Subject:** Gold One BID and Draft ESR notification



Please click here to find out more  

### Return Receipt

Your Gold One BID and Draft ESR notification document:

was [JulyS@joburg.org.za](mailto:JulyS@joburg.org.za)  
received  
by:

at: 2013/02/08 02:45:19 PM

---

The contents of this e-mail and any attachments are confidential. It is intended for the named recipient(s) only. If you have received this email in error please notify the system manager or the sender immediately and do not disclose the contents to any one or make copies.

Please note that the recipient must scan this e-mail and any attached files, for viruses and the like. While we do everything possible to protect information from viruses, the City of Johannesburg accepts no liability of whatever nature for any loss, liability, damage or expense resulting directly or indirectly from the access and/or downloading of any files which are attached to this e-mail message.

---

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** faith.mlambo@gauteng.gov.za  
**Sent:** 08 February 2013 02:56 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[faith.mlambo@gauteng.gov.za](mailto:faith.mlambo@gauteng.gov.za) (faith.mlambo@gauteng.gov.za)

Subject: Gold One BID and Draft ESR notification



## Riana Panaino

---

**From:** Mailer-Daemon@transmail.dot.gov.za  
**Sent:** 08 February 2013 02:55 PM  
**To:** Riana Panaino  
**Subject:** Message Status - Delivered

The message that you sent was delivered to the following:

Information about your message:

## Riana Panaino

---

**From:** SydneyN@joburg.org.za  
**Sent:** 08 February 2013 04:51 PM  
**To:** Riana Panaino  
**Subject:** Gold One BID and Draft ESR notification



Please click here to find out more  

### Return Receipt

Your Gold One BID and Draft ESR notification document:

was Sydney Julius Ntohla/joburg.org.za received by:

at: 2013/02/08 04:51:14 PM

---

The contents of this e-mail and any attachments are confidential. It is intended for the named recipient(s) only. If you have received this email in error please notify the system manager or the sender immediately and do not disclose the contents to any one or make copies.

Please note that the recipient must scan this e-mail and any attached files, for viruses and the like. While we do everything possible to protect information from viruses, the City of Johannesburg accepts no liability of whatever nature for any loss, liability, damage or expense resulting directly or indirectly from the access and/or downloading of any files which are attached to this e-mail message.

---

## Riana Panaino

---

**From:** DuduzileNk@joburg.org.za  
**Sent:** 11 February 2013 10:35 AM  
**To:** Riana Panaino  
**Subject:** Gold One BID and Draft ESR notification



Please click here to find out more  

### Return Receipt

Your Gold One BID and Draft ESR notification document:

was [DuduzileNk@joburg.org.za](mailto:DuduzileNk@joburg.org.za)  
received  
by:

at: 2013/02/11 10:35:29 AM

---

The contents of this e-mail and any attachments are confidential. It is intended for the named recipient(s) only. If you have received this email in error please notify the system manager or the sender immediately and do not disclose the contents to any one or make copies.

Please note that the recipient must scan this e-mail and any attached files, for viruses and the like. While we do everything possible to protect information from viruses, the City of Johannesburg accepts no liability of whatever nature for any loss, liability, damage or expense resulting directly or indirectly from the access and/or downloading of any files which are attached to this e-mail message.

---

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** lbmoloto@yahoo.com  
**Sent:** 13 February 2013 12:10 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[lbmoloto@yahoo.com \(lbmoloto@yahoo.com\)](mailto:lbmoloto@yahoo.com)

Subject: Gold One BID and Draft ESR notification

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** pitadv@safricon.co.za; pietadv@safricon.co.za  
**Sent:** 07 February 2013 08:24 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[pitadv@safricon.co.za](mailto:pitadv@safricon.co.za) (pitadv@safricon.co.za)

[pietadv@safricon.co.za](mailto:pietadv@safricon.co.za) (pietadv@safricon.co.za)

Subject: Gold One BID and Draft ESR notification

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** villet@lantic.net  
**Sent:** 07 February 2013 08:27 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[villet@lantic.net \(villet@lantic.net\)](mailto:villet@lantic.net)

Subject: Gold One BID and Draft ESR notification

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** coetzeemelk@telkomsa.net  
**Sent:** 07 February 2013 08:32 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[coetzeemelk@telkomsa.net](mailto:coetzeemelk@telkomsa.net) ([coetzeemelk@telkomsa.net](mailto:coetzeemelk@telkomsa.net))

Subject: Gold One BID and Draft ESR notification

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** 0794453626@vodamail.co.za  
**Sent:** 07 February 2013 08:35 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[0794453626@vodamail.co.za](mailto:0794453626@vodamail.co.za) ([0794453626@vodamail.co.za](mailto:0794453626@vodamail.co.za))

Subject: Gold One BID and Draft ESR notification



## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** joanvg@nectactive.co.za  
**Sent:** 07 February 2013 08:39 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[joanvg@nectactive.co.za](mailto:joanvg@nectactive.co.za) (joanvg@nectactive.co.za)

Subject: Gold One BID and Draft ESR notification

## Riana Panaino

---

**From:** Microsoft Outlook  
**To:** mamasole.mafafo@randfontein.org.za; giovanni.bologna@randfontein.org.za; frank.martin@randfontein.org.za; liziwe.makoro@randfontein.org.za; muzi.mashabane@randfontein.org.za; mpho.nawa@randfontein.org.za; mokete.lethetsa@randfontein.org.za; bahadur@sanbi.org; manungufala@sanbi.org; sngidi@wrdm.gov.za; njanuary@jhb.sahra.org.za; anton.dreyer@randfontein.org.za; pramalamula@lp.sahra.org.za; pmolokomme@jhb.sahra.org.za; tshidiso.mooketsi@randfontein.org.za; olivier.isabel1@gmail.com; cloete.vanwyk@randfontein.org.za; thomas.seshoka@randfontein.org.za; siphohandula@randfontein.org.za; sharon.groenewald@randfontein.org.za; prudence.modikoe@randfontein.org.za; nokwazi.ndlala@randfontein.org.za; ndoda.mgengo@randfontein.org.za; namhla.mbunge@randfontein.org.za; oupa.mmotsa@randfontein.org.za; catherine.xokiyane@randfontein.gov.za; paula.pereira@randfontein.org.za; mbali.nkabinde@randfontein.org.za; sstoffberg@wrdm.gov.za; nmosito@wrdm.gov.za; jmofokeng@westonaria.gov.za; cpelser@westonaria.gov.za; gviljoen@westonaria.gov.za; fquinn@westonaria.gov.za; smonoane@westonaria.gov.za; municipalmanager@westonaria.gov.za; info@scoptics.net; katrin.gamble@gmail.com; bryan@wessa.co.za; kmarx@wessanorth.co.za; gbarnes@wessanorth.co.za; mike@hibi.co.za; jwesson@wessanorth.co.za; fmatshikiza@wrdm.gov.za; sphate@wrdm.gov.za; tmokhatla@wrdm.gov.za; etshoaeli@wrdm.gov.za; kndlovu@wrdm.gov.za; a3vtonder@wrdm.gov.za; dgovender@wrdm.gov.za; station69@merafong.gov.za; gheymann@westonaria.gov.za; mmachaba@westonaria.gov.za; emhlanga@wrdm.gov.za; fdudumashe@wrdm.gov.za; rhendrikse@wrdm.gov.za; kmojaki@wrdm.gov.za; Albert.Marumo@gauteng.gov.za; marietjie.fouche@labour.gov.za; mmadikeledi.malebe@dme.gov.za; ramathm@health.gov.za; mntene@deat.gov.za; dmthembu@deat.gov.za; mlushaba@deat.gov.za; lesley@gauteng.gov.za; dikgangj@dot.gov.za; chrisbu@gpg.gov.za; mmboniseni.ndou@dme.gov.za; nqobile.njoko@dme.gov.za; Cecil.Khosa@dme.gov.za; sivuyile.mpakane@dme.gov.za; peterw@joburg.org.za; philliph@joburg.org.za; jasonn@joburg.org.za; lebomol@joburg.org.za; salu@iafrica.com; johan@agrisa.co.za; rajeshreeb@joburg.org.za; LindaK@joburg.org.za; lgrobbelaar@deat.gov.za; ncobbinah@deat.gov.za; julys@joburg.org.za; foulalf@mweb.co.za; sydney@joburg.org.za; ntswakih@joburg.org.za; keetm@dwaf.gov.za; lucia.chauke@eskom.co.za; mdletssp@eskom.co.za; nordenb@eskom.co.za; louws@eskom.co.za; christinem@ewt.org.za; aniqueg@ewt.org.za; rynetec@ewt.org.za; elsie.ueckermann@randfontein.org.za; hansie.duvenage@randfontein.org.za; charles.stevens@randfontein.org.za; rharris1@mweb.co.za; themba.mazibuko@eskom.co.za; ttsetlane@nnr.co.za; ltsatsi@nnr.co.za; mataboget@dwaf.gov.za  
**Sent:** 08 February 2013 02:46 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

[mamasole.mafafo@randfontein.org.za](mailto:mamasole.mafafo@randfontein.org.za) ([mamasole.mafafo@randfontein.org.za](mailto:mamasole.mafafo@randfontein.org.za))

[giovanni.bologna@randfontein.org.za](mailto:giovanni.bologna@randfontein.org.za) ([giovanni.bologna@randfontein.org.za](mailto:giovanni.bologna@randfontein.org.za))

[frank.martin@randfontein.org.za](mailto:frank.martin@randfontein.org.za) ([frank.martin@randfontein.org.za](mailto:frank.martin@randfontein.org.za))

[liziwe.makoro@randfontein.org.za](mailto:liziwe.makoro@randfontein.org.za) ([liziwe.makoro@randfontein.org.za](mailto:liziwe.makoro@randfontein.org.za))

[muzi.mashabane@randfontein.org.za](mailto:muzi.mashabane@randfontein.org.za) ([muzi.mashabane@randfontein.org.za](mailto:muzi.mashabane@randfontein.org.za))

[mpho.nawa@randfontein.org.za](mailto:mpho.nawa@randfontein.org.za) ([mpho.nawa@randfontein.org.za](mailto:mpho.nawa@randfontein.org.za))

[mokete.lethetsa@randfontein.org.za](mailto:mokete.lethetsa@randfontein.org.za) ([mokete.lethetsa@randfontein.org.za](mailto:mokete.lethetsa@randfontein.org.za))

[bahadur@sanbi.org](mailto:bahadur@sanbi.org) ([bahadur@sanbi.org](mailto:bahadur@sanbi.org))

[manungufala@sanbi.org](mailto:manungufala@sanbi.org) ([manungufala@sanbi.org](mailto:manungufala@sanbi.org))

[sngidi@wrdm.gov.za](mailto:sngidi@wrdm.gov.za) ([sngidi@wrdm.gov.za](mailto:sngidi@wrdm.gov.za))

[njanuary@jhb.sahra.org.za](mailto:njanuary@jhb.sahra.org.za) ([njanuary@jhb.sahra.org.za](mailto:njanuary@jhb.sahra.org.za))

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Subject: Gold One BID and Draft ESR notification

## Riana Panaino

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**From:** olivier.isabel1@gmail.com  
**Sent:** 08 February 2013 02:43 PM  
**To:** Riana Panaino  
**Subject:** Delivered: Gold One BID and Draft ESR notification  
**Attachments:** ATT00001

Your message was delivered to the recipient.  
Sent via my BlackBerry from Vodacom - let your email find you!

## Riana Panaino

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sefanyetso@sdm.org.za; tlailam@dwaf.gov.za; mongake@sdm.org.za;  
maliba@sdm.org.za  
**Sent:** 08 February 2013 02:48 PM  
**Subject:** Relayed: Gold One BID and Draft ESR notification

**Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:**

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## 4 Appendix B-4: Public Meeting minutes & Presentations

### 4.1 Scoping Phase - 27 February 2013

The Scoping Phase Public meeting was held on Wednesday 27<sup>th</sup> February 2013. The public meeting presentation and minutes are included herewith. A voice recording of the meeting is available on request.



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Our Reference GCS Ref- 12-561

Your Reference 12-561 Introductory Public Meeting - Scoping Phase

## Public Meeting Minutes

**Subject:** Introductory Public Meeting - Scoping Phase

**Venue:** Westonaria Banquet Hall

**Date:** 2013/02/27

**Time:** 15h20 - 16h00

**Attendance:** Estie Retief  
Riana Panaino  
Jonathan Steinmann  
Lucas Moloto

**Distribution:** All stakeholders

Attendance Register attached as Annexure A, and the presentation slides attached as Annexure B.

| ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DEADLINE | ACTION |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| <p><b>1. Purpose of Meeting and Introductions</b></p> <p>1.1. The purpose of the meeting was to inform the Interested and Affected Parties of the Proposed Tailings Backfill Plant and associated pipelines near Bekkersdal in Westonaria.</p> <p>1.2. Lucas Moloto (LM) was the only attendee from the public, and the project and processes was explained to him.</p> <p>1.3. LM mentioned that he is a construction contractor and resides in Bekkersdal.</p> <p>1.4. LM also mentioned that there is little work for him and is looking for something new.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |
| <p><b>2. Matters Arising</b></p> <p>2.1. LM mentioned that with the influx of mines into the area from years ago there were noise and tremors that seems as if they are not being addressed.</p> <p>2.2. Jonathan Steinmann (JS) confirmed whether LM was more interested in the Engineering aspects of the project than the environmental side. LM confirmed that that is the case.</p> <p>2.3. LM also said that he is interested in receiving more detail about the socio-economic spinoffs.</p> <p>2.4. JS said that the socio economic aspect is mentioned in the presentation.</p> <p>2.5. JS discussed the detailed engineering design with LM and how the proposed backfill plant will operate. JS further said that if LM should have questions or uncertainties about the engineering and operation process he can then raise those.</p> <p>2.6. JS confirmed that LM received information about the project and how the plant will work.</p> <p>2.7. JS explained the material will come from the existing Cooke Plant. The pipeline will follow existing pipeline route that is being used for the mud column and material being reclaimed from the tailings dam. Existing conveyor servitude will also be followed. The destination for the tailings for this project is at the Cooke 2 operations. Backfill plant will be positioned within the Cooke 2 surface area where the tailings dam is now being cleared. It will thus be constructed in existing disturbed area and not in a</p> |          |        |

| ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DEADLINE | ACTION |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| <p>new pristine area outside the Cooke 2 shaft. The Backfill Plant will contain 3 thickeners of height of 10m, Storage facility tanks and Binder. Product will then be pumped underground through 3 or four boreholes using rubber pipes that will not be visible to passers-by. Bekkersdal area will not be crossed, pipes will be routed around the Bekkersdal area.</p> <p>2.8. Estie Retief (ER) mentioned that the social aspect is addressed in the Scoping report.</p> <p>2.9. LM requested that GCS elaborate on the social aspect of the project.</p> <p>2.10. ER described the EIA process for clarification. The Scoping meeting is to obtain feedback from the community and stakeholders to hear what the issues and concerns are.</p> <p>2.11. ER thanked LM for attending as his input is valuable to the project.</p> <p>2.12. The reason for obtaining all the issues and concerns at this stage is so that when the impact report and management plan is written all these can be adequately addressed, assigning proper mitigation measures to possible impacts. This stage is thus the first step in the authorisation process. This is the first meeting and questions can't be answered in detail at this stage, however all the concern will be taken into consideration going forward.</p> <p>2.13. JS emphasised that if there are any concerns LM should please raise them, in order for GCS / Gold One to address them timeously.</p> <p>2.14. ER explained that Riana Panaino (RP) and herself (both from GCS) are independent consultants and therefore not affiliated with Gold One.</p> <p>2.15. GCS was appointed to conduct the environmental authorisations in terms of the National Environmental Management Act (NEMA), Mineral and Petroleum Resources Development Act (MPRDA), the National Water Act (NWA)</p> <p>2.16. ER explained the NEMA process where certain activities of a new development need to be authorised before the development can commence. Listed activities include the</p> |          |        |

| ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DEADLINE | ACTION |
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| <p>pumping of tailings through the pipeline, the construction of the plant and the deposition of the backfill material.</p> <p>2.17. ER further explained that due to this project falling within an existing mining right under the MPRDA an amendment to the current Environmental Management Plan needs to be undertaken.</p> <p>2.18. The National Water Act requires an application for the pipelines crossing the Wonderfonteinsspruit and the deposition of the tailings underground. The specific activities for the Water Use License are still being investigated, and Digby Wells Environmental is being consulted with regards to the Water Use License (WUL) they have submitted for the TSF that will have a pipeline on the same route. At the next public meeting more details will be available regarding the WUL.</p> <p>2.19. ER mentioned that the processes are undertaken together.</p> <p>2.20. LM asked whether the pipeline will be superficial.</p> <p>2.21. ER said the pipeline will be above ground.</p> <p>2.22. LM enquired whether the pipeline will be enclosed.</p> <p>2.23. JS said that where the pipeline crosses the Wonderfonteinsspruit it will be enclosed, but not at other areas.</p> <p>2.24. JS further mentioned that the crossing will be changed. A new crossing will be constructed and existing pipes moved to the new crossing.</p> <p>2.25. LM asked what mechanisms will be put in place for maintenance and spills.</p> <p>2.26. JS said that the EMP will dictate what management measures should be followed, also the pipeline will not operate 24/7 which allows for time to do maintenance should it be required. Pipeline will be operated eighteen hours a day and also mentioned that this project is only for a four year life of mine.</p> <p>2.27. LM was concerned about who will be liable for spills should they happen, the mine or the government.</p> <p>2.28. JS assured him that the mine will be liable, and if there are spills the mine will clean it up. JS also said that after</p> |          |        |

| ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DEADLINE | ACTION |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| <p>closure the mine must re-establish the pre-construction environment.</p> <p>2.29. ER mentioned that part of the EMP is an Environmental Awareness plan and an Emergency Response Plan, which dictates which authorities will have to be contacted and made aware of the problem. A spill from a pipe will have to be addressed immediately, cleaned and the pipe repaired.</p> <p>2.30. JS said spills might happen, but if a pipeline is designed correctly spills are not expected within the first seven years. If proper maintenance is conducted and the pipe is rubberised correctly than spills should not occur within the four year life of the mine. Accidents however can happen, such as machinery driving over the pipeline, and then those spills will be addressed accordingly.</p> <p>2.31. ER mentioned that the National Nuclear Regulator Act will also be taken into account due to the tailings being radio-active. The mine has current authorisation for processing of the tailings but needs to apply for a change of the Certificate of Registration in terms of the National Nuclear Regulator. Japie van Blerk will conduct the radiation study and the results will be available in the EIA report and EMP.</p> <p>2.32. ER said that one Public Participation process will be followed for the four processes in order to provide adequate time for the public to look at the reports and comment on the findings. When conducting one Public Participation process it is easier to address all comments in all documents simultaneously.</p> <p>2.33. ER mentioned that the area is a brownfields area and environmental studies were previously conducted for the Geluksdal TSF EIA. For these reasons the previous studies will be used for this project and additional studies will not be required.</p> <p>2.34. RP also mentioned that studies were conducted previously in that area for a new Uranium Plant that would also make use of the same pipeline route. There is thus a lot of information available, and this information will be</p> |          |        |

| ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DEADLINE | ACTION |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| <p>used to supplement this EIA.</p> <p>2.35. LM confirmed whether the pipeline will lay parallel to the Geluksdal pipeline. JS confirmed this as true, the Geluksdal pipeline will just continue past the Cooke 2 shaft area where the Backfill Plant Pipeline will stop.</p> <p>2.36. RP assured LM that the socio-economic aspect will be addressed as this was a concern from LM. LM said that people in previously disadvantaged areas are always looking for new job opportunities when projects like these come along.</p> <p>2.37. JS said that additional employment opportunities will be made available. The exact figures aren't finalised yet and will be more accurate as the process progresses.</p> <p>2.38. LM said that he is happy with that statement.</p> <p>2.39. JS said that Gold One will always try to appoint as many local people as possible, and they are now in a drive to get people back. Ronnie, the HR manager will do the best to serve the local community.</p> <p>2.40. LM wanted to know how this project will relate to Acid Mine Drainage (AMD). JS said the project won't contribute to AMD as AMD is present in areas that are not operational. This mine is still operational and water is still being pumped to the Cooke Plant and treated.</p> <p>2.41. ER mentioned that the backfill will provide stability, ensure less space for interaction of water with exposed rock surfaces.</p> <p>2.42. RP further mentioned that the binder will aid in combating AMD due to its binding properties.</p> <p>2.43. JS said the only water expected underground will be the water used to flush the pipelines with. That water then reports back to the current mine water circulation of underground water. The water should also be relatively clean.</p> |          |        |
| <p><b>3. Timeframes</b></p> <p>3.1. ER explained the timeframes.</p> <p>3.2. Draft Scoping report will be updated with issues and concerns from the public and the Final Scoping report will</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |        |

| ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DEADLINE | ACTION |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| <p>be submitted to the authorities end of March. Main Authority being Gauteng Department of Agriculture and Rural Development (GDARD). Issues raised by Authorities will be put into the Draft EIA and EMP, available for Public Review in May (specific dates will be communicated to I&amp;AP's). Site Notices will be put up to notify the Public of the EIA phase Public Meeting. Adverts will also be placed in the local newspaper.</p> <p>3.3. ER also mentioned that feedback with regards to the WUL, EMP and EIA will be given as the project progresses.</p>                                                                                                                 |          |        |
| <p><b>4. Suggestions</b></p> <p>4.1. LM suggested that site notices be place in high density public places to inform more members of the public. Places such as Taxi ranks and churches should be considered.</p> <p>4.2. People don't often use the libraries and the site notice will then go unnoticed.</p> <p>4.3. RP showed the site notice locations and explained the reasoning for the placement of some of the notices.</p> <p>4.4. JS suggested using members of the local union to get members of the public involved. If need be discussions can be arranged with the unions in Bekkersdal.</p> <p>4.5. ER said that site notices within Bekkersdal will be considered.</p> |          |        |
| <p><b>5. Close out</b></p> <p>5.1. ER invited LM to comment on any aspect of the project at any time during the process. ER also handed him a copy of the presentation and RP gave LM a CD containing the Draft Scoping Report.</p> <p>5.2. The meeting was adjourned at 15:45.</p>                                                                                                                                                                                                                                                                                                                                                                                                     |          |        |



## **Annexure A: Attendance Register**



## Annexure B: Presentation Slides



**GOLD ONE**  
COOKE OPERATIONS

Gold One Cooke Operations:  
Tailings Backfill Plant and Pipeline  
12-Mar-13

A large version of the GCS logo is centered at the top of the slide. Below it, the text "GOLD ONE" is written in a large, bold, gold-colored font, with "COOKE OPERATIONS" in a smaller, black, sans-serif font underneath. Further down, the text "Gold One Cooke Operations:" is followed by "Tailings Backfill Plant and Pipeline" and "12-Mar-13" on separate lines.

## Discussion points

- Welcome and Introduction
- Gold One Scope of Work: Pipelines & Tailings Backfill Plant
- Project Location
- Environmental Authorization Review
  - MPRDA;
  - NEMA; and
  - NWA
- Specialist Studies
- Timeframes

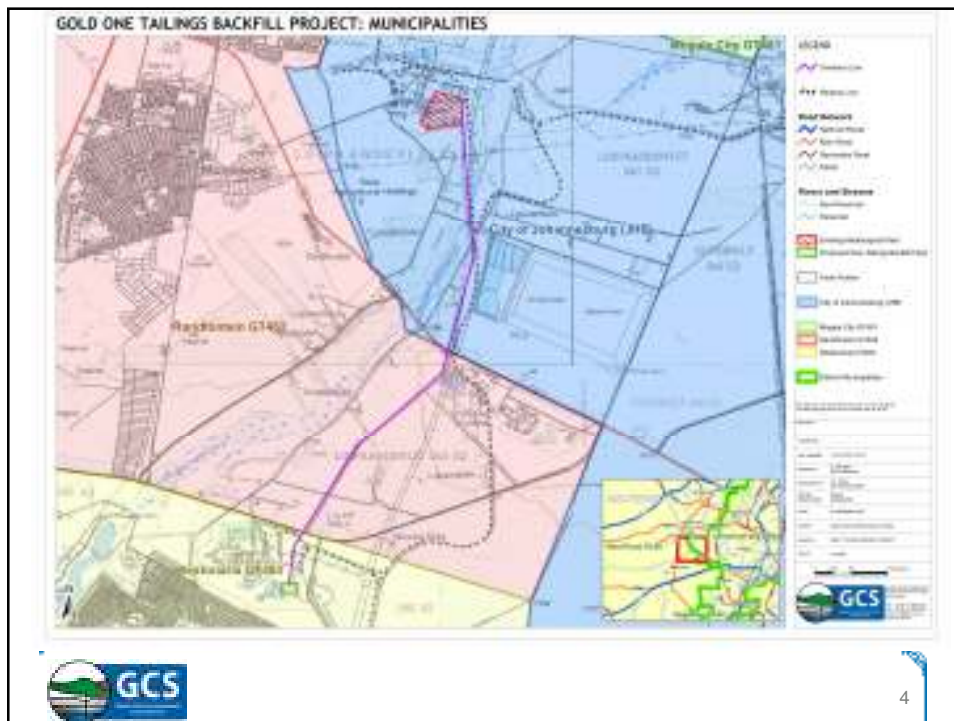


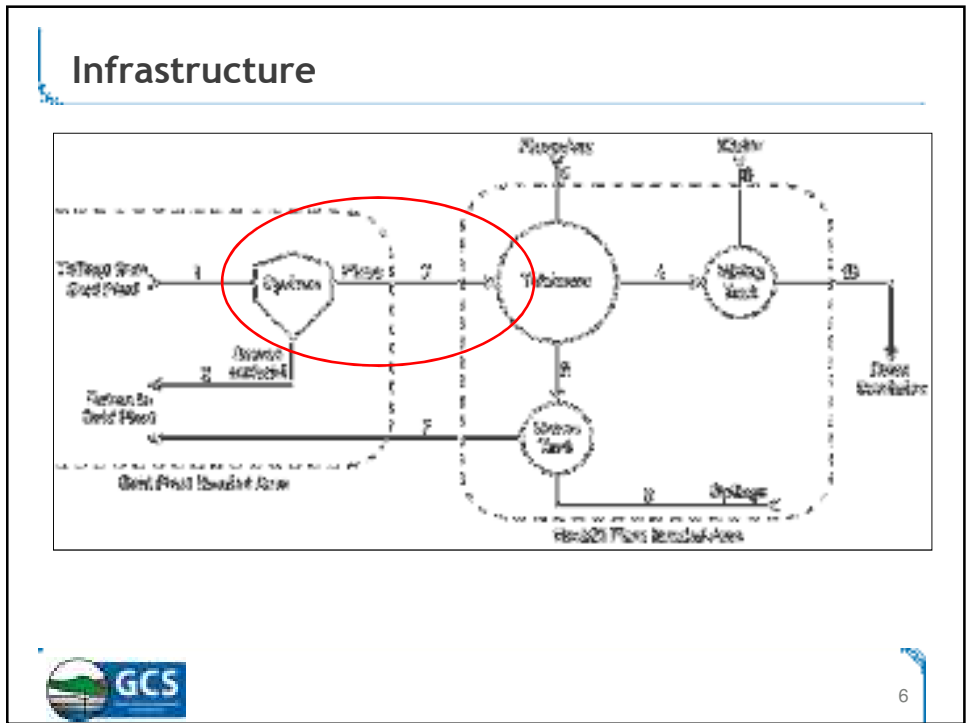
Replace with  
Client Logo

2

## Introduction

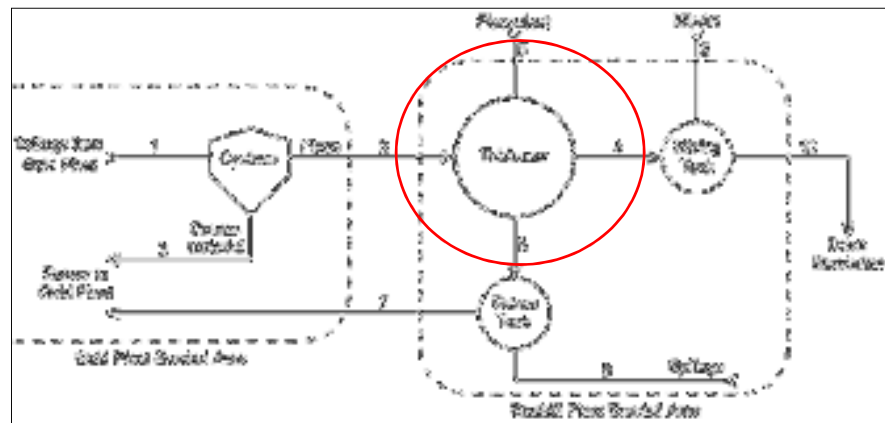
- Gold One International Ltd (Gold One) proposes to establish a Full Plant Tailings (FPT) Backfill Plant and associated pipeline infrastructure.
- The project area is situated next to Bekkersdal, near Westonaria in the Gauteng Province of South Africa.
- The proposed development will fall within a brownfields area, and numerous environmental studies have been conducted for the Cooke Operations.





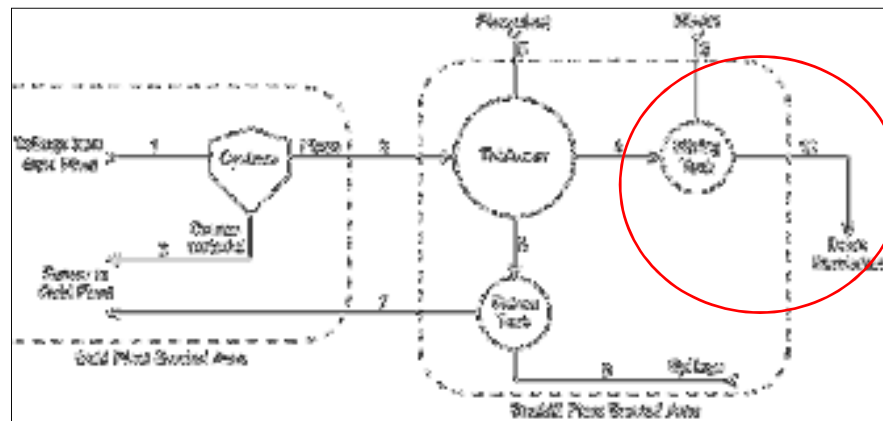
## Pipelines

- Pumps will be installed to transport the overflow product from the cyclone at Cooke plant, via the proposed pipeline to the new backfill plant adjacent to Cooke 2 shaft.
  - The tailings pipelines will be 450mm in diameter and rubber lined for erosion and corrosion protection.
  - The return water pipeline, 300mm in diameter, will be coated internally and externally.
  - Both pipelines will be placed in a common servitude. The individual pipes will be placed above ground on concrete plinths



## Thickeners

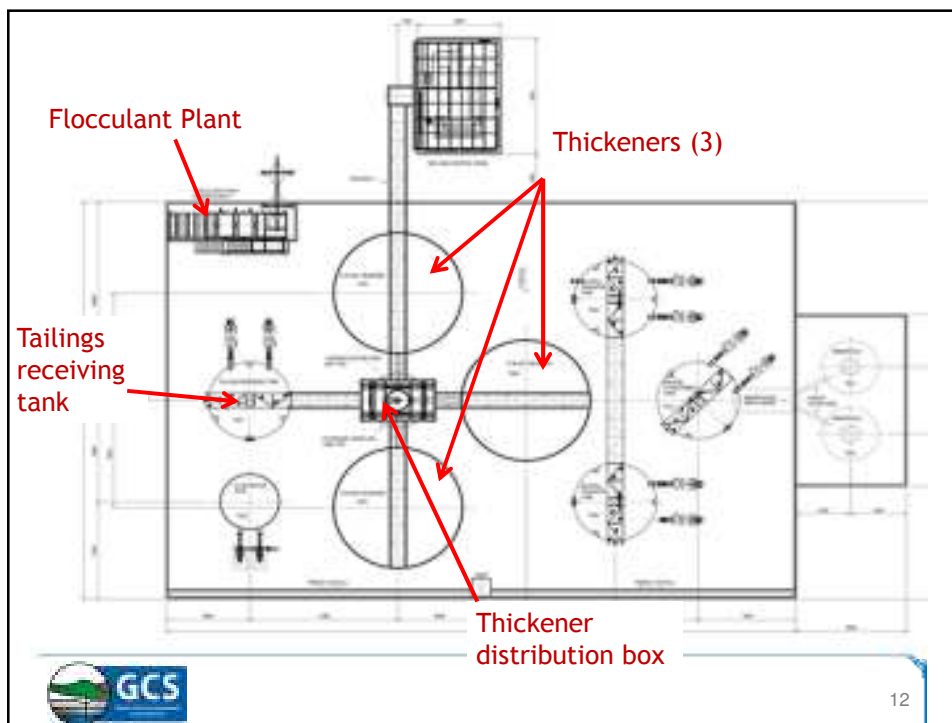
- Tailings, from the Cyclone overflow tank at Cooke Plant will be pumped into the Tailings Receiving Tank, where tailings are then transferred to the thickener distribution box.
- The thickener distribution box can deliver tailings into any of the three thickeners.
- At the thickeners, flocculent is added to aid with the settlement of the material. The thickener overflow consists mainly of water but also contains a small quantity of ultra-fines that is pumped back to the gold plant for disposal on a tailings dam.
- Thickener underflow from the thickeners is delivered to the backfill transfer tanks before being delivered underground. The backfill transfer tank serve a function of holding backfill before being transferred to the binder mixing tank

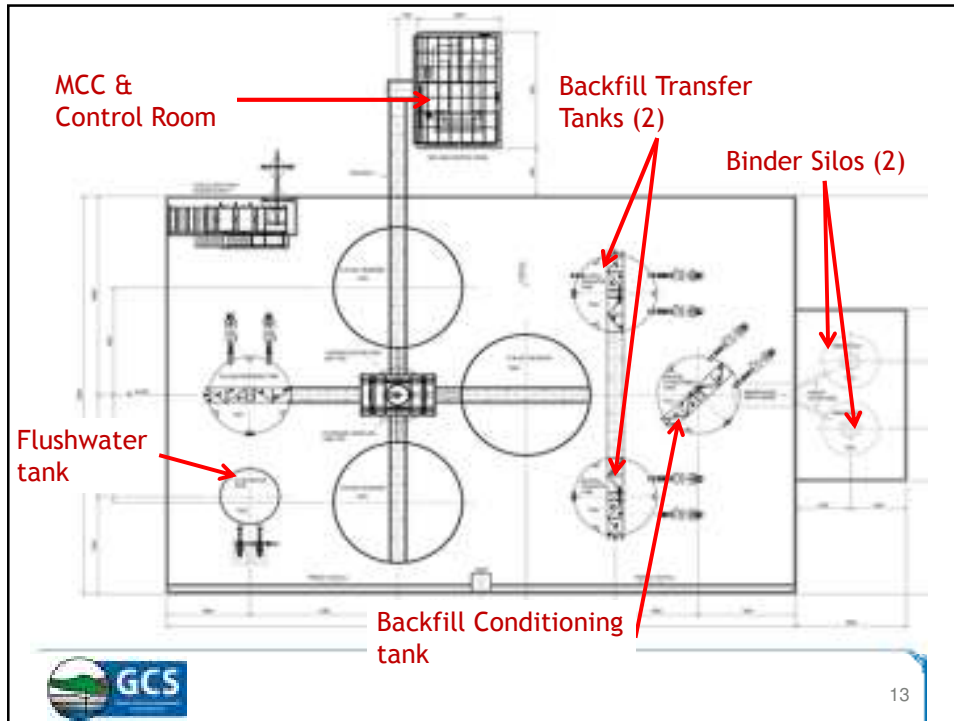




## Binder plant

- Binder will be transferred to a weigh hopper located above the mixer. Once the mixer has a load of slurry, the weigh hopper will discharge and the mixer will mix the product.
- The product will discharge into a transfer tank which will then be pumped within pipelines to the underground workings via four boreholes.





## Additional Infrastructure

- **Power lines**
  - Electricity for the operation will be obtained by connecting to the nearest Eskom power supply.
- **Control system**
  - The FPT Backfill Plant will be controlled using a supervisory control and data acquisition (SCADA) control.
- **Process waste**
  - Process waste will be transferred back to Cooke Plant for disposal on a tailings dam either through a dedicated return line, or a line which links to the Cooke 2 disposal pipeline.

## Additional Infrastructure

- **Process Water**
  - Dilution water will be delivered from Cooke 2 Shaft.
- **Sewage Facilities**
  - Ablution facilities will be located on site and sewage from the ablutions will be handled via septic tank arrangement.
- **Clean Water and Dirty Water Storage Facilities**
  - Potable water and dirty water will stay unmixed and will be stored in separate Braithwaite tanks
- **Potable Water**
  - Potable water will be obtained from existing sources

## Environmental Authorisation Overview

- **NEMA:** The National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) process for all the associated listed activities;
- **MPRDA:** The Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) (MPRDA) process to develop an EIA/EMP for the Department of Mineral Resources (DMR);
- **NWA:** The National Water Act, 1998 (Act 36 of 1998) (NWA) process regarding the water uses that will be associated with the proposed development; and
- **NNRA:** The National Nuclear Regulator Act (NNRA), 1999 (Act 47 of 1999) requires an Authorisation Change Request (ACR) to the National Nuclear Regulator (NNR).

## MPRDA EIA/EMP Addendum to DMR

- In terms of Section 102 of the MPRDA, when a change or addition of new activities occurs after an EIA/EMP has been approved, an amendment to the Environmental Impact Assessment and Environmental Management Plan (EIA/EMP) needs to be submitted to the relevant provincial Department of Mineral Resources (DMR).
- Gold 1 is required to conduct a new environmental assessment for all new or changed activities.
- **Report in terms of Section 39**
- **Draft EIA/EMP to be submitted in April 2013.**

## NEMA Application Process

- Section 24 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) requires that activities (which may impact on the environment) must obtain an environmental authorization from a relevant authority before commencing with the activities. Such activities are listed under Regulations 544 and 545 (dated 2 August 2010) of NEMA. The authorising authority is the Gauteng Department of Agriculture and Rural Development (GDARD).
- **Timeframe**
  - Application submitted to GDARD on 16 January 2013.
  - Reference number received on 28 January 2013
  - Reference number: 002/12-13/E0-230

## NWA IWULA Process - To be confirmed

- According to NWA, water may not be used without prior authorisation from the leading authority, in this case the Department of Water Affairs (DWA). Due to the requirements of the NWA, an Integrated Water Use License Application needs to be compiled and handed in at the Department of Water Affairs (DWA) to ensure the legality of the water uses.
- Section 21 of the NWA identifies eleven (11) consumptive and non-consumptive water uses of which the applicable uses must be authorized in terms of Section 40 of the NWA:
  - 21 (c): Impeding or diverting the flow of water in a watercourse;
  - 21 (g): Disposing of waste in a manner which may detrimentally impact on a water resource;
  - 21 (i): Altering the beds, banks, course or characteristics of a watercourse;

## National Nuclear Regulator

- According to the NNRA, the construction and operation of the Tailings Backfill plant and associated pipelines will constitute a change in the scope of the Gold 1 Existing Certificate of Registration (CoR-226) and consequently requires the submission of an Authorisation Change Request (ACR) to the National Nuclear Regulator (NNR).
- Aquisim (Mr Japie van Blerk) will do the ACR to the NNR in consultation with GCS and Gold 1.

## Specialist Assessments Previously Conducted

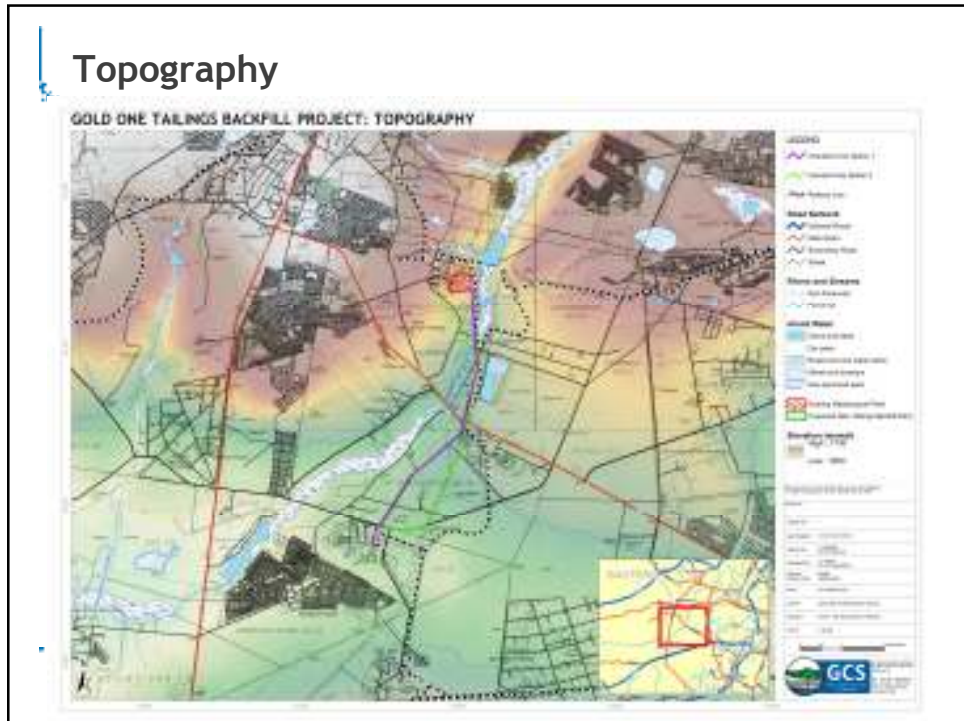
| Specialist Study                                     | Conducted by              | Period conducted |
|------------------------------------------------------|---------------------------|------------------|
| Biodiversity (fauna and flora)                       | Digby Wells Environmental | 2012             |
| Geohydrology (groundwater)                           | Golder Associates         | 2009             |
| Hydrology (surface water)                            | Golder Associates         | 2009             |
| Soils, Land Use and Land Capability                  | Digby Wells Environmental | 2012             |
| Heritage Impact Assessment                           | Digby Wells Environmental | 2012             |
| Wetland and Riparian Area Delineation and Assessment | Golder Associates         | 2009             |
| Aquatics Study                                       | Digby Wells Environmental | 2012             |
| Social Impact Assessment                             | Digby Wells Environmental | 2012             |
| Visual assessment                                    | Digby Wells Environmental | 2012             |
| Noise assessment                                     | Digby Wells Environmental | 2012             |
| Radiological Assessment                              | Japie van Blerk           | Underway         |

## Geology

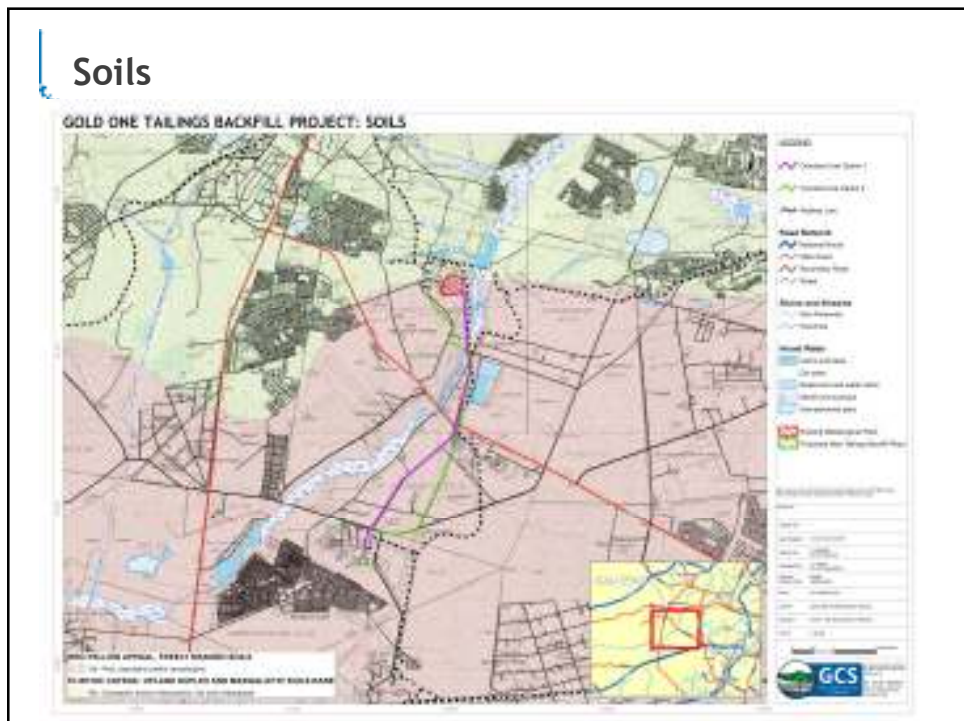
GOLD ONE TAILINGS BACKFILL PROJECT: GEOLOGY



## Topography



## Soils



## Vegetation Types (Mucina and Rutherford, 2006)



## Fauna



- (left to right) Steenbok Droppings, Steenbok Spoor and sighted Vervet Monkey



- Masked Weaver nests, Helmeted Guineafowl feather and White browed Sparrow Weaver nests



## Gauteng Conservation Plan (C-Plan)



## Aquatic species



- Only fish species caught - Largemouth Bass

- The Overall EcoStatus for the survey location on the Wonderfonteinspruit was determined to be **largely modified (Class D)**. This is an indication that a large loss of natural habitat, biota and basic ecosystem functions has occurred.

## Surface Water

GOLD ONE TAILINGS BACKFILL PROJECT: 100M RIVER BUFFER



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## Wonderfonteinspruit Floodline



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## Requested Specialist Studies

| Specialist Study                                     | Conducted by                                          |
|------------------------------------------------------|-------------------------------------------------------|
| Biodiversity (fauna and flora)                       | Bathusi Environmental Consulting                      |
| Wetland and Riparian Area Delineation and Assessment | GCS                                                   |
| Aquatics Study                                       | Sufficient information - no additional study proposed |
| Radiological Assessment                              | Japie van Blerk                                       |

- The abovementioned Specialist studies were requested by the GDARD.
- A site visit will be held with the GDARD to confirm whether these studies are required in the brownfields area

## PPP

- The Public Participation Process (PPP) forms an integral part of the environmental authorization application in terms of the following legislative processes:
  - MPRDA: Section 48 (f) and 49(f) respectively of the MPRDA Regulation R527, published in terms of Section 107(1) of the MPRDA Government Gazette No. 26275, dated 23 April 2004;
  - NEMA: Chapter 6, R543, Government Gazette No. 33306 dated 18 June 2010; and
  - NWA: Section 41 (4) of the NWA
- The PPP has been integrated to address all the above-mentioned legislation.

## Interested and Affected Parties (I&APs)

- Landowners were consulted in the following manner:
  - Pre-Application letters were delivered to landowners surrounding the site notifying them of the proposed project;
  - Written communication
    - Background Information Documents sent via email; and
    - Site Notices around the project area
  - A Public meeting on 27 February 2013 in Westonaria.

## Site Notices

GOLD ONE TAILINGS BACKFILL PROJECT: SITE NOTICE PHOTO LOCATIONS



## Advertisements

- An advertisement was placed in the Randfontein / Westonaria Herald Newspaper on Tuesday, 12 February 2013.



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## BID

- Background Information Documents (BID) were distributed via email to the following people :
  - Landowners within the proposed Project Area;
  - Local, provincial and national authorities;
  - All I&APs who contacted GCS following the placement of the advertisement, and
  - BIDs were placed with the draft ESR.



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## Authorities

- Randfontein Local Municipality;
- Westonaria Local Municipality;
- West Rand District Municipality;
- City of Johannesburg Municipality;
- Department of Environmental Affairs;
- Department of Transport;
- Wildlife and Environment Society of SA (WESSA);
- Gauteng Department of Agriculture and Rural Development (GDARD);
- Department of Mineral Resources (DMR);
- Provincial South African Heritage Resources Agency (SAHRA);
- Department of Water Affairs (DWA); and
- National Nuclear Regulator (NNR).

## Timeframes

- **Scoping Phase Stakeholder Meeting**
  - 27 February 2013
- **Submission of the draft ESR (Public Review Period)**
  - 7 February 2013 to 19 March 2013
- **Submission of the draft ESR (Authorities)**
  - 18 February 2013 to 29 March 2013
- **Submission of the final ESR**
  - April 2013
- **Submission of the draft EIA/EMP (Public Review Period)**
  - May 2013
- **Submission of the draft EIA/EMP Report (Authorities)**
  - June 2013

## Documents Available for review

- **Draft ESR:**
  - Randfontein Library
  - Westonaria Library
  - Gold 1 Security Office
  - The GCS website ([www.gcs-sa.biz](http://www.gcs-sa.biz))
  - On CD which will be posted to the I&AP upon request.

## Thank You

- Thank you for your attendance!
- **Contact Us:**  
[rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz) / [estie@gcs-sa.biz](mailto:estie@gcs-sa.biz) / [megan@gcs-sa.biz](mailto:megan@gcs-sa.biz)

## 5 Appendix B-5: Issues trail

Throughout the public consultation phase completed to date, issues have been raised. It should be noted that the stakeholder engagement process is an ongoing process and will therefore be updated as comments and responses from the authorities and public are received.

Issues and comments on the Gold One Backfill project received to date are listed in the table overleaf.



| No | Comment Raised                                                                                                                                                                                                                                                                                  | By Whom      | Designation                               | Where and Date | Method of Contact      | Environmental Parameter Impacted | Response by EAP                                                                                                                                                                             |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------|----------------|------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | The farm has been severely impacted by historic mining activities                                                                                                                                                                                                                               | NJE Coetzee  | Owner<br>Luipaardsvlei 243,<br>Portion 90 | 14-Jan-13      | Personal communication | Rehabilitation plan              | This does not form part of the current scope of work, however Gold One will have a rehabilitation programme for mine closure                                                                |
| 2  | How and who will be employed for the proposed project                                                                                                                                                                                                                                           | Lucas Moloto | Resident in Bekkersdal                    | 13-Feb-13      | Personal communication | Social                           | Gold One will always try to appoint as many local people as possible, and they are now in a drive to get people back. Ronnie, the HR manager will do the best to serve the local community. |
| 3  | As a long-standing resident of Bekkersdal, I am interested in joining you to adding value into your project's Public Participation Process by acting as an interface/facilitator between your organisation and the local communities. I trust that you find this correspondence to be in order. | Lucas Moloto | Resident in Bekkersdal                    | 14-Feb-13      | Personal communication | Social                           | Comment noted, and Mr Moloto registered as I&AP                                                                                                                                             |
| 4  | There is little work for him and he is looking for something new.                                                                                                                                                                                                                               | Lucas Moloto | Resident in Bekkersdal                    | 27-Feb-13      | Public Meeting         | Social                           | Additional employment opportunities will be made available. The exact figures aren't finalised yet and will be more accurate as the process                                                 |

| No | Comment Raised                                                                                                                    | By Whom      | Designation            | Where and Date | Method of Contact | Environmental Parameter Impacted | Response by EAP                                                                                                                                                                                                              |
|----|-----------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|----------------|-------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                                                                                                   |              |                        |                |                   |                                  | progresses                                                                                                                                                                                                                   |
| 5  | With the influx of mines into the area from years ago there were noise and tremors that seems as if they are not being addressed. | Lucas Moloto | Resident in Bekkersdal | 27-Feb-13      | Public Meeting    | Geology and Operations           | The backfill into the underground workings will aid in stabilising the geology, reducing tremors.                                                                                                                            |
| 6  | GCS should elaborate on the social aspect of the project.                                                                         | Lucas Moloto | Resident in Bekkersdal | 27-Feb-13      | Public Meeting    | Social                           | Refer to Section 3 and 7 of the EIA report                                                                                                                                                                                   |
| 7  | Will the pipeline be above or below ground and will it be enclosed                                                                | Lucas Moloto | Resident in Bekkersdal | 27-Feb-13      | Public Meeting    | Engineering                      | Pipeline will be above ground and enclosed at the Wonderfonteinspruit crossing                                                                                                                                               |
| 8  | What mechanisms will be put in place for maintenance and spills                                                                   | Lucas Moloto | Resident in Bekkersdal | 27-Feb-13      | Public Meeting    | EIA/EMP                          | The EMP will dictate what management measures should be followed, also the pipeline will not operate 24/7 which allows for time to do maintenance should it be required. The pipeline will be operated eighteen hours a day. |
| 9  | Who will be liable for spills should they happen, the mine or the government.                                                     | Lucas Moloto | Resident in Bekkersdal | 27-Feb-13      | Public Meeting    | Social                           | The mine will be liable, and if there are spills the mine will clean it. After closure the mine must re-establish the pre-construction environment.                                                                          |

| No | Comment Raised                                                                                                                                         | By Whom      | Designation            | Where and Date | Method of Contact | Environmental Parameter Impacted | Response by EAP                                                                                                                                                                         |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|----------------|-------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10 | How will this project relate to Acid Mine Drainage (AMD)                                                                                               | Lucas Moloto | Resident in Bekkersdal | 27-Feb-13      | Public Meeting    | Groundwater                      | The project won't contribute to AMD as AMD is present in areas that are not operational. This mine is still operational and water is still being pumped to the Cooke Plant and treated. |
| 11 | Site notices be place in high density public places to inform more members of the public. Places such as Taxi ranks and churches should be considered. | Lucas Moloto | Resident in Bekkersdal | 27-Feb-13      | Public Meeting    | Public Participation             | Site notices within Bekkersdal will be considered.                                                                                                                                      |
| 12 | The host community awareness around this project is still at a disappointingly low level. What steps were taken to alleviate this state of affairs?    | Lucas Moloto | Resident in Bekkersdal | 15-Apr-13      | Email             | Public Participation             | Gold One will look into using members of the local union in Bekkersdal to get members of the public involved.                                                                           |

## 6 Appendix B-6: Document Review

### 6.1 Scoping Phase - 7 February 2013 to 12 April 2013

The Draft Environmental Scoping Report (ESR) was made available for a 40 day review period by I&APs on 7 February 2013. All registered I&APs were informed of the report's availability, when I&APs required a copy on CD it was provided. The document was also available on the of GCS website at (<http://www.gcs-sa.biz/documents>) for download.

The Final Environmental Scoping Report (ESR) was made available for a 7 day review period by I&APs on 5 April 2013. All registered I&APs were informed of the report's availability, when I&APs required a copy on CD it was provided. The document was also available on the of GCS website at (<http://www.gcs-sa.biz/documents>) for download.

After comments from the public were received, the document was updated to include comment in the Issues and Responses table.

Delivery Receipts from the locations where the documents were placed for review are shown hereafter.



63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa

Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745

Web: www.gcs-sa.biz

Our Reference 12 - 561

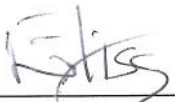
Your Reference Cooke Operations Tailings Backfill Plant Project

### ACKNOWLEDGEMENT OF RECEIPT

I, \_\_\_\_\_, on behalf of the Randfontein Public Library, hereby acknowledge receipt of the following documentation:

1 x Hard Copy: Draft Scoping Report - Cooke Operations Tailings Backfill Plant

Montakeng Library  
P.O. Box 218  
Randfontein 1760  
011-414-1065

  
Signature of Recipient

  
Date



63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa

Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745

Web: www.gcs-sa.biz

Our Reference 12 - 561

Your Reference Cooke Operations Tailings Backfill Plant Project

#### ACKNOWLEDGEMENT OF RECEIPT

I, R.P. Holton, on behalf of the Cooke 1 offices, hereby acknowledge receipt of the following documentation:

1 x Hard Copy: Draft Scoping Report - Cooke Operations Tailings Backfill Plant



A large, red, handwritten signature is written over the stamp area.

Signature of Recipient

2013/02/08.  
Date



63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa

Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745

Web: www.gcs-sa.biz

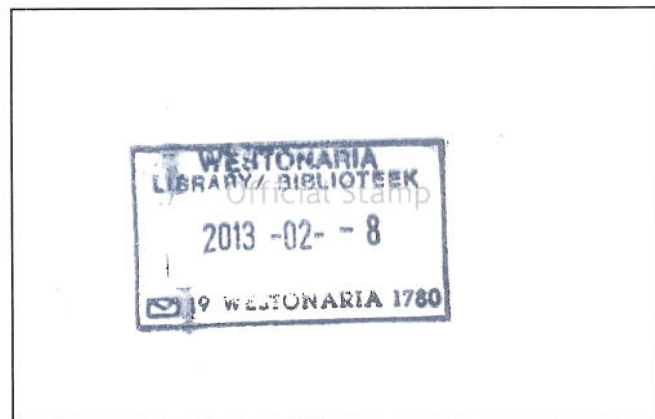
Our Reference 12 - 561

Your Reference Cooke Operations Tailings Backfill Plant Project

#### ACKNOWLEDGEMENT OF RECEIPT

I, N. Stenela, on behalf of the Westonaria Public Library, hereby acknowledge receipt of the following documentation:

1 x Hard Copy: Draft Scoping Report - Cooke Operations Tailings Backfill Plant



N. Stenela  
Signature of Recipient

\_\_\_\_\_  
Date



63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa

Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745

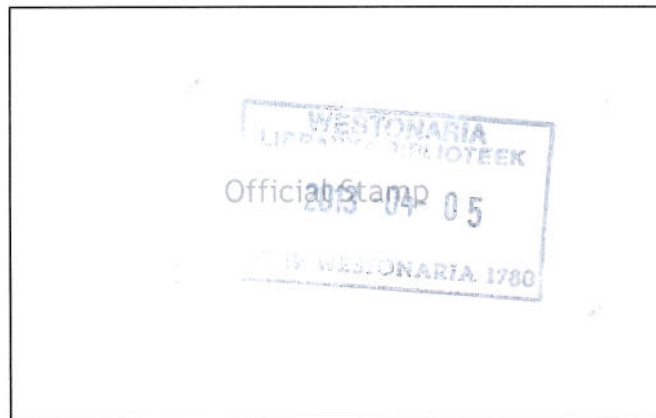
Web: www.gcs-sa.biz

Our Reference 12-561

Your Reference Gold One ESR for Public Review

#### ACKNOWLEDGEMENT OF RECEIPT

I, Khensani Mongwe, on behalf of the  
Westonaria Library, hereby acknowledge receipt of the Gold One  
Final SR document for review.



Khensani Mongwe

Signature of Recipient

05/04/2013

Date





63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa

Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745

Web: www.gcs-sa.biz

Our Reference 12-561

Your Reference Gold One ESR for Public Review

#### ACKNOWLEDGEMENT OF RECEIPT

I, Gloria, on behalf of the  
Randfontein Library, hereby acknowledge receipt of the Gold One  
Final SR document for review.



G. Green  
Signature of Recipient

G. Green  
Date 5/4/2013



63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa

Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745

Web: [www.gcs-sa.biz](http://www.gcs-sa.biz)

*Our Reference* 12-561

*Your Reference* Gold One ESR for Public Review

#### ACKNOWLEDGEMENT OF RECEIPT

I, LEBOCHANG SEROKE, on behalf of the  
SECURITY OFFICER, hereby acknowledge receipt of the Gold One  
Final SR document for review.

Official Stamp

  
Signature of Recipient

05/04/13  
Date

## **6.2 EIA Phase - 24 June 2013 to 2 August 2013**

The Draft Environmental Impact Assessment and Management Plan Report was made available for a review period by I&APs on 15 July 2013. All registered I&AP's were informed of the report's availability, when I&AP's required a copy on CD it was provided. The document was also available on the of GCS website at (<http://www.gcs-sa.biz/documents>) for download.

After comments from the public are received, the document will be updated to include comment in the Issues and Responses table.

Delivery Receipts from the locations where the documents were placed for review will be included in the final EIA document. The documents were placed at the same locations as for the Scoping documents.

## 7 Appendix B-7: Timeframes

Preliminary timeframes for the process to be followed and time for review are given below:

The draft ESR was made available for review by I&APs from 7 February 2013 until 19 March 2013. The final ESR was made available for review by I&APs from 5 April 2013 until 12 April 2013. The availability of the draft report was advertised via site notices, advertisement and a BID which was sent to all registered I&APs via email and registered mail. Registered I&AP's were notified of the availability of the final report via email and sms notification. If I&APs required a copy on CD, that was provided. The document was available at the following venues.

| VENUE                      | ADDRESS                                            | TEL NUMBER                     |
|----------------------------|----------------------------------------------------|--------------------------------|
| Westonaria Public Library  | Corner Neptune and Saturn Streets, Westonaria      | 011 278 3000                   |
| Randfontein Public Library | Corner Stubb and Sutherland Street, Randfontein    | 011 411 0800                   |
| Cooke offices              | R559 (Main Road) road                              | 011 411 6419 /<br>011 278 0000 |
| GCS website                | <a href="http://www.gcs-sa.biz">www.gcs-sa.biz</a> | 011 803 5726                   |

After comments from the public were received the ESR was updated and submitted to the GDARD for review.


The issues and comments received will be used in the impact assessment process (as part of the specialist studies and the overall assessment). This will be incorporated into the EIA/EMP report.

| ITEM                                                       | DESCRIPTION                                                                                                                                                                                        | TIMEFRAME/DATE                     |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Submission of draft ESR for stakeholder review and comment | The draft ESR will be placed in the public domain at the locations listed in Table 5.2 for a forty (40) day period.<br><br>All registered I&APs will be informed in writing via email and fax.     | 7 February 2013 -<br>19 March 2013 |
| Scoping Phase Public Open Day                              | A public meeting will be held at the Westonaria Banquet hall<br><br>The date, time and venue for the open day were included in the notification email                                              | 27 February 2013                   |
| Submission of final ESR for stakeholder review and comment | The final ESR will be placed in the public domain at the locations listed in Table 5.2 for a seven (7) day period.<br><br>All registered I&APs will be informed in writing via email, sms and fax. | 5 April 2013 - 12<br>April 2013    |

| ITEM                                                                   | DESCRIPTION                                                                                                                                                                                                  | TIMEFRAME/DATE   |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Submission of draft EIA/EMP Report for stakeholder review and comment. | The draft EIA/EMP will be placed in the public domain at the locations listed in Table 5.2 for a forty (40) day period.<br><br>All registered I&APs will be informed in writing via email, sms and fax.      | 15 July 2013     |
| EIA/EMP Public Feedback Open Day                                       |                                                                                                                                                                                                              | 26 July 2013     |
| Submission of final EIA/EMP Report for stakeholder review and comment. | The final EIA/EMP will be placed in the public domain at the locations listed in Table 5.2 for a twenty-one (21) day period.<br><br>All registered I&APs will be informed in writing via email, sms and fax. | 9 September 2013 |
| Notify I&APs of the decision reached by the GDARD.                     |                                                                                                                                                                                                              | January 2014     |

## 8 Appendix B-8: Authority Consultation

### 8.1 Submission of NEMA Application to GDARD - 15 January 2013



**GCS**  
Water & Environmental  
Consultants

63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa  
Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745  
Web: [www.gcs-sa.biz](http://www.gcs-sa.biz)

Our Reference GCS Ref - 12-561  
Your Reference To be received in 14 days from submission

15 January 2013

**Gauteng Department of Agriculture and Rural Development  
Diamond Corner Building  
c/o 68 Eloff Street and  
Market Street  
JOHANNESBURG**

**APPLICATION TO UNDERTAKE AN ENVIRONMENTAL IMPACT ASSESSMENT & MPRDA  
AMENDMENT PPP & ENVIRONMENTAL SPECIALIST ANALYSIS**


Please find herewith two (2) copies of the application form to undertake a Scoping and Environmental Impact Assessment process for activities identified in the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) Regulations, Government Notices 544 and 545, dated 18 June 2010.

Environmental authorisation is required to allow for the construction of a proposed new Tailings Backfill Plant situated within the approved Cooke Underground Operations area.

The process requires amendment to the Environmental Management Plan (EMP) in terms of the Minerals and Petroleum Resources Development Act (MPRDA; Act 28 of 2002), an Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) according to the National Environmental Management Act (NEMA; Act 107 of 1998), and an Integrated Water Use Licence Application (IWULA) and an Integrated Water and Waste Management Plan (IWWMP) according to the National Water Act (NWA; Act 36 of 1998).

Please do not hesitate to contact me on (011) 803 5726 or [estie@gcs-sa.biz](mailto:estie@gcs-sa.biz), should you require any clarity.

Kind Regards,




---

**Estie Retief**  
Environmental Project Manager  
Acting on behalf of GCS

---

GCS (Pty) Ltd. Reg No: 2004/000765/07 Est. 1987  
Johannesburg Durban Windhoek Ottawa Pretoria  
Directors: AC Johnstone (Managing) PF Labuschagne AWC Marais S Pillay F Pieterse  
Non-executives: G De Swardt

### 8.2 NEMA Application Proof of Delivery



63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa  
Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745  
Web: www.gcs-sa.biz

Our Reference: 12-561  
Your Reference: Cooke Operations Tailings Backfill Plant Project

ACKNOWLEDGEMENT OF RECEIPT

I, J. Chan, on behalf of the Gauteng Department Agriculture and Rural Development, hereby acknowledge receipt of the following documentation:


3 x Hard Copies: NEMA Application - Cooke Operations Tailings Backfill Plant

GAUTENG DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT  
2013 -01- 16  
P.O. Box 8769 JOHANNESBURG 2000

[Signature]  
Signature of Recipient  
16/01/13  
Date

GCS (Pty) Ltd, Reg No: 2004/090746/07 Est. 1987  
Johannesburg Durban Windhoek Olifant  
Directors: AJ Johnston (Managing) PF Labuschagne AWC Marais SE Scawton (Finance) AA van Dyk  
Non-executive: AJ Barber

### 8.3 NEMA Application Reference Number Received 8 March 2013

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                       |                   |             |                   |                |               |                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------|-------------------|-------------|-------------------|----------------|---------------|----------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p><b>agriculture and<br/>rural development</b></p> <p>Department: Agriculture and Rural Development<br/><b>GAUTENG PROVINCE</b></p> <p>Diamond Corner Building, 68 Eloff &amp; Market Street, Johannesburg<br/>P O Box 8769, Johannesburg, 2000</p> <p>Telephone: (011) 355-1900<br/>Fax: (011) 355-1000<br/>Website: <a href="http://www.gdard.gpp.gov.za">http://www.gdard.gpp.gov.za</a></p> |                   |                       |                   |             |                   |                |               |                                                                            |
| <table border="1"> <tr> <td><b>Reference:</b></td> <td>Gaut: 002/12-13/E0230</td> </tr> <tr> <td><b>Enquiries:</b></td> <td>Faith Mamba</td> </tr> <tr> <td><b>Telephone:</b></td> <td>(011) 355-1974</td> </tr> <tr> <td><b>Email:</b></td> <td><a href="mailto:Faith.mamba@gauteng.gov.za">Faith.mamba@gauteng.gov.za</a></td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Reference:</b> | Gaut: 002/12-13/E0230 | <b>Enquiries:</b> | Faith Mamba | <b>Telephone:</b> | (011) 355-1974 | <b>Email:</b> | <a href="mailto:Faith.mamba@gauteng.gov.za">Faith.mamba@gauteng.gov.za</a> |
| <b>Reference:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Gaut: 002/12-13/E0230                                                                                                                                                                                                                                                                                                                                                                            |                   |                       |                   |             |                   |                |               |                                                                            |
| <b>Enquiries:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Faith Mamba                                                                                                                                                                                                                                                                                                                                                                                      |                   |                       |                   |             |                   |                |               |                                                                            |
| <b>Telephone:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (011) 355-1974                                                                                                                                                                                                                                                                                                                                                                                   |                   |                       |                   |             |                   |                |               |                                                                            |
| <b>Email:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="mailto:Faith.mamba@gauteng.gov.za">Faith.mamba@gauteng.gov.za</a>                                                                                                                                                                                                                                                                                                                       |                   |                       |                   |             |                   |                |               |                                                                            |
| <p><b>Estie Retief</b></p> <p><b>Fax no. 011 803 5745</b></p> <p><b>PER FACSIMILE</b></p> <p>Dear Sir / Madam</p> <p><b>Application for Environmental Authorisation: Cooke Operations Tailings Backfill Plant</b></p> <p>The Department acknowledges having received the application form for environmental authorisation of the above-mentioned project on 16/01/2013.</p> <p>The application has been assigned the reference number Gaut: 002/12-13/E0230. Kindly quote this reference number in any future correspondence in respect of the application.</p> <p>Please circulate the draft report to any state department that administers a law relating to a matter affecting the environment to comment.</p> <p>You are required to submit two (2) copies (full colour CDs-PDF) of the Draft Scoping Report as well as proof of submission to state departments referred to above.</p> <p>In order to determine whether a biodiversity assessment is required and, if so, which specialist studies are required, please send a shapefile (WGS84 datum; geographic co-ordinate system) of the application site to our biodiversity information service (<a href="mailto:GDACE_BiodiversityInfo@gauteng.gov.za">GDACE_BiodiversityInfo@gauteng.gov.za</a>), the e-mail clearly indicating the project reference number. Where biodiversity assessment is required; please ensure that it is</p> |                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                       |                   |             |                   |                |               |                                                                            |



conducted consistent with the *GDACE Requirements for Biodiversity Assessments*. A copy of this document can be obtained by e-mailing [GDACE\\_BiodiversityInfo@gauteng.gov.za](mailto:GDACE_BiodiversityInfo@gauteng.gov.za)

In terms of Regulation 67(1) (2) of the NEMA EIA Regulations 2010, this application will lapse should you fail to submit the requested information within 6 months of the date of signature of this letter, except in the case where the Department has received and accepted written explanation for failure to submit such information.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.

Yours faithfully



Boniswa Belot

Deputy Director: Strategic Administration Support

Date: 18/01/2013

CC: Gold One International Limited

Att: Jonathan Steinmann

Tel: 011 278 0116

Fax: n/a

## 8.4 Submission of Draft ESR to GDARD - 14 February 2013



**GCS**  
Water & Environmental  
Consultants

63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa  
Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745  
Web: [www.gcs-sa.biz](http://www.gcs-sa.biz)

Our Reference GCS Ref - 12-561  
Your Reference GAUT: 002/112-13/E0030

14 February 2013

Gauteng Department of Agriculture and Rural Development  
Diamond Corner Building  
o/o 68 Eloff Street and  
Market Street  
JOHANNESBURG

**NOTIFICATION OF THE AVAILABILITY OF THE GOLD ONE TAILINGS BACKFILL PLANT DRAFT ENVIRONMENTAL SCOPING REPORT FOR REVIEW**

Please find herewith two (2) hard copies and two (2) electronic copies of the Gold One Tailings Backfill Plant Draft Environmental Scoping Report according to the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) Regulations, 543, dated 18 June 2010.

The public review period for this report will end the 19<sup>th</sup> of March 2013. The review period for authority review will be from the 18<sup>th</sup> of February 2013 until the 29<sup>th</sup> of March 2013.

After receiving comments from both the public and the state department the Final Scoping Report will be submitted for approval to continue with the Environmental Impact Assessment Study.

For comments or queries please contact  
Tel: (011) 803 5726  
Fax: (011) 803 5745  
Email: [rianap@gcs-sa.biz](mailto:rianap@gcs-sa.biz) / [estie@gcs-sa.biz](mailto:estie@gcs-sa.biz) / [megan@gcs-sa.biz](mailto:megan@gcs-sa.biz)  
Postal Address: GCS (Pty) Ltd; PO Box 2597; Rivonia; 2128

Kind Regards,



---

Estie Retief  
Environmental Project Manager  
Acting on behalf of GCS

GCS (Pty) Ltd. Reg No: 2004/000765/07 Est. 1987  
Johannesburg Durban Windhoek Oshana Pretoria  
Directors: AC Johnstone (Managing) PF Labuschagne AWC Marais S Pillay F Pieterse  
Non-executives: G De Swardt



63 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa  
Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745  
Web: www.gcs-sa.biz

Our Reference 12 - 561  
Your Reference Cooke Operations Tailings Backfill Plant Project

ACKNOWLEDGEMENT OF RECEIPT

I, Faith Mlambu, on behalf of the Gauteng Department of Agriculture and Rural Development, hereby acknowledge receipt of the following documentation:

2 x Electronic Copies: Draft Environmental Scoping Report (ESR)- Cooke Operations Tailings Backfill Plant  
2 x Hard Copies Copies: Draft Environmental Scoping Report (ESR)- Cooke Operations Tailings Backfill Plant



  
Signature of Recipient

\_\_\_\_\_  
Date

GCS (Pty) Ltd. Reg No: 2004/005705/07 Est. 1987  
Johannesburg Durban Windhoek Ottawa  
Directors: AC Inkhoshe (Managing) W Lubisi (Chair) RWE Mokoena SE Siza (Finance) BA van Dyk  
Non-executives: AH Barbour

## 8.5 Submission of Final ESR to GDARD - 19 April 2013



**GCS**  
Water & Environmental  
Consultants

53 Wessel Road Rivonia 2128 PO Box 2597 Rivonia 2128 South Africa  
Telephone: +27 (0)11 803 5726 Facsimile: +27 (0)11 803 5745  
Web: www.gcs-sa.biz

Our Reference: 12-561  
Your Reference: Gold One ESR for Review

**ACKNOWLEDGEMENT OF RECEIPT**

I, Bongani, on behalf of the  
Gauteng Department of Agriculture and Rural Development hereby acknowledge receipt of  
the Gold One Final SR document for review:  
3 x Hard Copies  
2 x Electronic Copies on CD

GAUTENG DEPARTMENT OF  
AGRICULTURE AND RURAL  
DEVELOPMENT  
Official Stamp  
2013-04-19  
PO-Box 8743  
ADDERSBURG 2008


  
Signature of Recipient

\_\_\_\_\_  
Date

---

GCS (Pty) Ltd. Reg No: 2004/006795/07 Est. 1997  
Johannesburg Durban Worcester Durban  
Director: AC Anderson (Managing) TF Lubatsepe RVC Marais SE Swisher (Financial) Akwesi Dik  
Non-executives: All Co/Exec

## 8.6 GDARD acknowledgement of receipt - 29 April 2013



**agriculture and  
rural development**  
Department: Agriculture and Rural Development  
**GAUTENG PROVINCE**

Diamond Corner Building, 68 Eloff & Market Street, Johannesburg  
P O Box 8769, Johannesburg, 2000

Telephone: (011) 355-1900  
Fax: (011) 355-1000  
Website: <http://www.gdard.gpp.gov.za>

|            |                                                                              |
|------------|------------------------------------------------------------------------------|
| Reference: | Gaut: 002/12-13/E0250                                                        |
| Enquiries: | Faith Mlambo                                                                 |
| Telephone: | (011) 355-1974                                                               |
| Email:     | <a href="mailto:Faith.mlambo@gauteng.gov.za">Faith.mlambo@gauteng.gov.za</a> |

Estie Retief

Email: [estie@gcs-sa.biz](mailto:estie@gcs-sa.biz)

PER EMAIL

Dear Sir / Madam

**Final Scoping Report: / Cooke Operations Tailings Backfill Plant**

The Department acknowledges having received the report for environmental authorisation of the abovementioned project on 19/04/2013.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorisation being granted by the Department.

Yours faithfully

*MBWA*  
Boniswa Belot  
Deputy Director: Strategic Administration Support  
Date: 29/04/2013

CC: Gold One International Limited

Att: Jonathan Steinmann  
Tel: 011 278 0116  
Email: [jonathan.steinmann@gold1.co.za](mailto:jonathan.steinmann@gold1.co.za)

## 8.7 Approval to proceed with draft EIA / EMP

|                                                                                   |                                                                                          |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|  | <b>GAUTENG PROVINCE</b><br>AGRICULTURE AND RURAL DEVELOPMENT<br>REPUBLIC OF SOUTH AFRICA |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|

**Reference:** Gaut 002/12-13/E0230  
**Enquiries:** Gerson Nethavhani  
**Telephone:** (011) 355 1481  
**Email:** Gerson.Nethavhani@gauteng.gov.za

GCS Water and Environmental Consultants  
P.O. Box 2597  
RIVONIA  
2128

**Attention:** Estie Retief

**Fax no:** (011) 803 5745

**PER FACSIMILE / REGISTERED MAIL**

Dear Estie Retief

**APPLICATION FOR THE ENVIRONMENTAL AUTHORISATION FOR TALINGS BACKFILL PLANT AND PIPELINE, CITY OF JOHANNESBURG AND WEST RAND DISTRICT MUNICIPALITY: GAUT 002/12-13/E0230**

The scoping report and a plan of study for environmental impact assessment which were submitted by you in respect of the abovementioned application and received by the Department on 19 April 2013 have been accepted by the Department. You may accordingly proceed with undertaking the environmental impact assessment in accordance with the tasks that are outlined in the plan of study for environmental impact assessment.

Please note that in addition to providing information as required by EIA Regulations, the following must also be included in the Environmental Impact Assessment Report (EIAR):

a) The socio-economic impacts associated with the proposed activity and mitigation measures thereof;

Gaut 002/12-13/E0230: Proposed Tailings Backfill Plant and Pipeline in City of Johannesburg and West Rand District Municipality  
Page 1 of 3

68, Eloff Street, Cnr Market Street, Johannesburg, 2000. Tel: 011 355 1900 Fax: 011 355 1000  
Website: [www.gdard.gpg.gov.za](http://www.gdard.gpg.gov.za)

### 8.8 Proof of Authority Consultation is detailed in the table below

| <b>Gold 1 Tailings Backfill Project: Authority Tracking Record</b> |                       |                                    |               |                                                                                    |                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------|-----------------------|------------------------------------|---------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date</b>                                                        | <b>To/From</b>        | <b>Contact person</b>              | <b>Method</b> | <b>Contact number / Email</b>                                                      | <b>Discussion</b>                                                                                                                                                                                                                                                                                                    |
| 15-Jan-13                                                          | GDARD                 | Environmental Department reception | Call          | (011) 355 1900                                                                     | Inquired about the amount of application forms should be submitted. I was told to submit 3 copies.                                                                                                                                                                                                                   |
| 16-Jan-13                                                          | GDARD                 | J. Chan                            | Delivery      |                                                                                    | 3 Copies of the Application form was submitted and J. Chan signed the Proof of Delivery.                                                                                                                                                                                                                             |
| 14-Feb-13                                                          | GDARD - Biodiversity  | Phuti Matlamela                    | Email         | <a href="mailto:Phuti.matlamela@gauteng.gov.za">Phuti.matlamela@gauteng.gov.za</a> | With regard to the Gold One project, specialist biodiversity studies are required to investigate the following aspects:<br>* Plants, with specific reference to Gnaphalium nelsonii.<br>* Mammals, with specific reference to Lutra maculicollis (Spotted-necked otter).<br>* Vegetation.<br>* Wetland.<br>* Rivers. |
| 15-Feb-13                                                          | Authorities           |                                    | DSR delivery  |                                                                                    | Department of Transport requested a hard copy as well as Department Environmental Affairs (Jhb)                                                                                                                                                                                                                      |
| 22-Feb-13                                                          | Office of the speaker | Terrence Bogale                    | Call          | <a href="mailto:terrencebogale@yahoo.com">terrencebogale@yahoo.com</a>             | Will not be able to attend the PP Meeting but would like to receive feedback from the meeting                                                                                                                                                                                                                        |
| 27-Feb-13                                                          | GDARD - Biodiversity  | Phuti Matlamela                    | Email         | <a href="mailto:Phuti.matlamela@gauteng.gov.za">Phuti.matlamela@gauteng.gov.za</a> | GCS requested a site visit to confirm additional studies that need to be conducted.                                                                                                                                                                                                                                  |
| 28-Feb-13                                                          | GDARD - Biodiversity  | Phuti Matlamela                    | Call          | <a href="mailto:Phuti.matlamela@gauteng.gov.za">Phuti.matlamela@gauteng.gov.za</a> | Phuti Matlamela said that thinks no site visit is required taken the nature of the project and if all pipelines following existing servitudes. If no additional significant damage to the environment will be caused GCS can submit a motivation as to why additional studies were not conducted.                    |

|           |                                         |                                    |                |                                                                                              |                                                                                                                                                                                                                                                                                                                                         |
|-----------|-----------------------------------------|------------------------------------|----------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 04-Apr-13 | GDARD                                   | Environmental Department reception | Call           | (011) 355 1900                                                                               | Inquired about the amount of reports to be submitted. I was told to submit 3 hard copies and 2 CD's.                                                                                                                                                                                                                                    |
| 09-Apr-13 | City of Johannesburg municipality       | Modise Matavela                    | Call           | 0860 562 874                                                                                 | Asked which part of the project falls within their jurisdiction. GCS explained that a section of the pipeline crosses over their jurisdiction.                                                                                                                                                                                          |
| 16-Apr-13 | SAHRA                                   | Andrew Salomon                     | Email          | 021 462 4502                                                                                 | If you feel there is no chance of heritage resources being disturbed by the proposed project I suggest you get an archaeologist to conduct a brief site visit and to write a letter motivating for exemption from a full HIA. GCS has contacted a Heritage specialist in this regard.                                                   |
| 17-Apr-13 | Randfontein Local Municipality: Ward 14 | Terence Bogale                     | Call           | 078 711 2735                                                                                 | Stated that he supports the initiative.                                                                                                                                                                                                                                                                                                 |
| 17-Apr-13 | Randfontein Local Municipality: Ward 14 | Terence Bogale                     | Call           | 078 711 2735                                                                                 | Asked how the community will benefit from the project and will there be job opportunity for the local community?                                                                                                                                                                                                                        |
| 19-Jun-13 | GDARD                                   | Faith Mlambo                       | email          | <a href="mailto:faith.mlambo@gauteng.gov.za">faith.mlambo@gauteng.gov.za</a>                 | Email sent to Faith to follow up on the status of the review of the Cooke Operations Tailings Backfill Plant Final Scoping report, and to confirm whether we can go ahead with the EIA?                                                                                                                                                 |
| 20-Jun-13 | GDARD                                   | Justine Chan                       | email          | <a href="mailto:Thembelihle.Mlangeni@gauteng.gov.za">Thembelihle.Mlangeni@gauteng.gov.za</a> | J. Chan responded to the email sent to Faith saying their Line Function officials have responded to 002/12-13/E0230 Tailings backfill plant and pipeline. It was sent for signature on 04/06/2013. It is thus awaiting signature. He also said to wait to receive their response on the Final Scoping report before submitting the EIR. |
| 01-Jul-13 | GDARD                                   | Justine Chan                       | email          | <a href="mailto:Thembelihle.Mlangeni@gauteng.gov.za">Thembelihle.Mlangeni@gauteng.gov.za</a> | GCS inquired about the status of the decision on the Final Scoping report.                                                                                                                                                                                                                                                              |
| 04-Jul-13 | DWA                                     | Zanele Maphumulo                   | call and email | <a href="mailto:Maphumuloz@dwa.gov.za">Maphumuloz@dwa.gov.za</a>                             | Zanele asked to be added to the I&AP Database, and be invited to the meeting to be held with the DWA re the Wonderfontein spruit pipeline crossing options.                                                                                                                                                                             |
| 08-Jul-13 | GDARD                                   | Justine Chan                       | email          | <a href="mailto:Thembelihle.Mlangeni@gauteng.gov.za">Thembelihle.Mlangeni@gauteng.gov.za</a> | GCS inquired about the status of the decision                                                                                                                                                                                                                                                                                           |



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|-----------|-------|-------------------|-------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |       |                   |       |                                                                                      | on the Final Scoping report.                                                                                                                         |
| 09-Jul-13 | GDARD | Zanele Mlangeni   | email | <a href="mailto:Zanele.Mlangeni@gauteng.gov.za">Zanele.Mlangeni@gauteng.gov.za</a>   | Approval to proceed with EIA / EMP.                                                                                                                  |
| 12-Jul-13 | GDARD | Gerson Nethavhani | email | <a href="mailto:Gerson.Nethavani@gauteng.gov.za">Gerson.Nethavani@gauteng.gov.za</a> | GCS enquired about the amount of copies of the draft EIA document to be submitted. GDARD requested 3 hard copies and 3 soft copies of the Draft EIA. |