

EIA Phase	Opportunities for Consultation and Participation		Schedule
	Competent Authorities (LEDET, DMR and DWA)	IAPs, State Departments and Organs of State	
		Notifications to IAPs regarding environmental authorisation (granted or refused).	
Appeal Phase / Pre-Construction Period	Consultation during processing of appeal.	Consultants to provide guidance regarding the appeal process as and when required.	Variable

## 7.2 Environmental Impact Assessment Methodology

The identification and assessment of environmental impacts is a multi-faceted process, using a combination of quantitative and qualitative descriptions and evaluations. It involves applying scientific measurements and professional judgement to determine the significance of environmental impacts associated with the proposed project. The process involves consideration of, *inter alia*: the purpose and need for the project; views and concerns of interested and affected parties; social and political norms, and general public interest.

The methodology used for assessing impacts associated with the proposed project follows the philosophy of environmental impact assessments, as described in the booklet Impact Significance, Integrated Environmental Management Information Series 5 (DEAT, 2002b). The philosophy is summarised by the following extracts:

- “The impact magnitude [or intensity] and significance should as far as possible be determined by reference to legal requirements, accepted scientific standards or social acceptability. If no legislation or scientific standards are available, the EIA practitioner can evaluate impact magnitude based on clearly described criteria. Except for the exceeding of standards set by law or scientific knowledge, the description of significance is largely judgemental, subjective and variable. However, generic criteria can be used systematically to identify, predict, evaluate and determine the significance of impacts.” (DEAT, 2002b).
- “Determining significance [of impacts] is ultimately a judgement call. Judgemental factors can be applied rigorously and consistently by displaying information related to an issue in a standard worksheet format.” (Haug et al., 1984 taken from DEAT, 2002b).

### 7.2.1 Identification and Description of Impacts

For each environmental component (i.e. visual, air quality, ecology), impacts will be identified and described in terms: of detectability / visibility of the impact, exposure of receptors to the impact, compliance with legislation and standards, other applicable targets, limits or thresholds of concern, the level of change / intrusion imposed, and receptor sensitivity.

The perceived sensitivity of receptors (people and/or receiving environment) will be professionally judged based on available scientific data (fact) and feedback from public participation processes (views, attitudes, and concerns) as documented in the Impact Rating criteria described in Table 25. The following impacts will be described:



**7.2.1.1 Existing Impacts (Impacts of Existing Developments)**

The proposed Char Manufacturing Plant Expansion is located in an area affected by various historical existing developments including mining, industrial processing, agriculture, residential, roads and railway lines, as well as the construction of the Matimba and Medupi Power Stations. The current level of environmental degradation (existing impacts) associated with existing developments, including those currently under construction, will be described in the environmental impact report. Defining of the current level of degradation associated with existing developments is essential to understand and enable the assessment of cumulative impacts (see Section 7.2.1.4 below).

**7.2.1.2 Incremental Impacts**

Incremental impacts refer to the impacts of an activity looked at in isolation (impacts of an individual activity), thus not considering the combined, cumulative or synergistic impacts of the activity, or the cumulative impacts of the activity with other activities or the existing impacts. The environmental impact report will describe the incremental impacts of the proposed development.

**7.2.1.3 No-go Development Impacts**

The no-go development is considered as an alternative in the environmental impact assessment and impacts of not developing the proposed Char Manufacturing Plant Expansion will be discussed in the environmental impact report.

**7.2.1.4 Cumulative Impacts**

For this project, cumulative impacts will be determined as:

<b>Existing Impacts</b>	+	<b>Incremental Impacts</b>	=	<b>Cumulative Impacts</b>
Existing impacts (current level of degradation) associated with existing developments and developments under construction		Impacts of the proposed Char Manufacturing Plant Expansion		Existing impacts (current level of degradation) associated with existing developments and developments under construction combined with the impacts of the proposed Char Manufacturing Plant Expansion

Future projects such as the proposed Coke Production Plant and Electricity Co-generation Plant, for which the environmental impacts are currently undefined, cannot be included in this cumulative impact assessment and will have to be assessed in a separate environmental impact assessment process.

**7.2.2 Mitigation Measures**

The significance of environmental impacts will be rated before and after the implementation of mitigation measures. The impact rating system considers the confidence level that can be placed on the successful implementation of the mitigation.

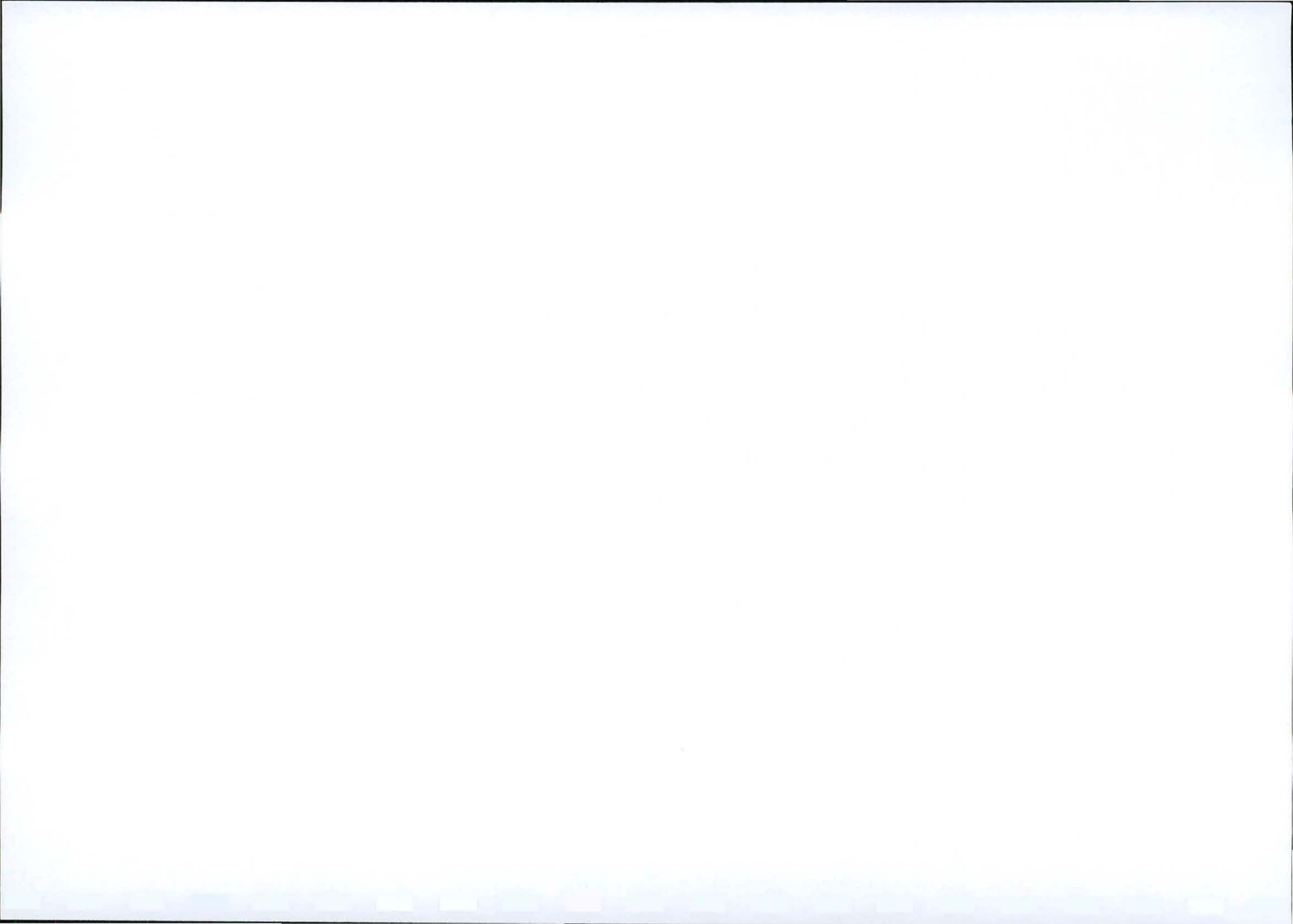


## 7.2.3 Rating the Significance of Environmental Impacts and Mitigation Measures

The system used for evaluating impact significance and mitigation failure risks is explained below in Table 25.

**Table 25: Impact Rating Criteria and Assessment Process**

Impact Rating Criteria (Abbreviation / Symbol / Short Description)		Explanation of Impact Rating Criteria and Assessment Process			
<b>Nature of the Environmental Impact</b>		Brief description of the effect of human actions and activities on the environment, and impacts of the environment on development.			
<b>Draft Environmental Management Programme Mitigation Measures</b>		Measures designed to avoid, reduce or remedy adverse potential negative impacts, and compensate for residual impacts (mitigation measures), and measures designed to expand and augment the effect of potential positive impacts (enhancement measures) for consideration during development of the final environmental management programme.			
<b>Project Phase</b>	P	Planning	Activities, impacts and mitigation measures during the planning (or pre-implementation) phase.		
	C	Construction	Activities, impacts and mitigation measures applicable to the construction phase, including decommissioning of existing infrastructure.		
	O	Operational	Activities, impacts and mitigation measures applicable to the operational phase.		
	D	Decommissioning	Activities, impacts and mitigation measures applicable to decommissioning of the project (closure, removal, rehabilitation).		
<b>Impact Status</b>		Negative	Impacts with a potential negative / adverse effect.		
		Neutral	Neutral, no impact.		
		Positive	Impacts with a potential positive / beneficial effect.		
<b>IAP Interest</b>		<b>Neg Very High</b>	Widespread concern and/or specific concerns of very high importance. Concerns difficult to be addressed to satisfaction of authorities or concerned parties. Various substantiated appeals against project anticipated / highly likely if issues are not resolved and addressed to the satisfaction of the concerned parties.		
		<b>Neg High</b>	Several concerns and/or specific concerns of high importance. Real and substantial appeals against project possible if not addressed.		
		<b>Neg Moderate</b>	Limited concerns. All concerns addressed. Unsubstantiated appeals possible.		
		<b>Neg Low</b>	Minor concerns.		
		<b>Neutral</b>	No interest.		
		<b>Not defined</b>	Level of interest has not been tested.		
		<b>Pos Low</b>	Very little support for project.		
		<b>Pos Moderate</b>	Limited support for project.		
		<b>Pos High</b>	General support. May be associated with high community expectations.		
		<b>Pos Very High</b>	Widespread support. May be associated with extremely high community expectations.		
		<b>Diverse Low</b>	Minor interest. Some support. Some concerns.		
		<b>Diverse Moderate</b>	Limited interest. Some support. Some concerns.		
		<b>Diverse High</b>	General interest. Some support. Some concerns.		
<b>Diverse Very High</b>	Widespread interest. Some support. Some concerns.				
<b>Assessment Confidence</b>		Complete	No information gaps exist. Decision-making can go ahead.		
		Adequate	Minor information deficiencies exist but this does not affect decision-making. Decision-making can go ahead.		
		Incomplete	Not enough information for decision-making. Current data to be supplemented with further monitoring or research.		
<b>Intensity (C)</b>	<b>Duration</b>	<b>Significance (Negative)</b>	1	low	Slight change, disturbance or nuisance. Targets, limits and thresholds of concern never exceeded. Impacts are rapidly and easily reversible. Require no or only minor interventions or clean-up actions if these impacts occur. No



Impact Rating Criteria (Abbreviation / Symbol / Short Description)			Explanation of Impact Rating Criteria and Assessment Process	
			complaints expected when the impact takes place.	
		2	moderate	Moderate change, disturbance or discomfort. Real but not substantial. Targets, limits and thresholds of concern may occasionally be exceeded. Impacts are reversible but may require some effort, cost and time. Sporadic complaints can be expected when the impact takes place.
		3	high	Prominent change, disturbance or degradation. Real and substantial. May result in illness or injury. Targets, limits and thresholds of concern regularly exceeded. Regular complaints can be expected when the impact takes place.
		4	very high	Severe change, disturbance or degradation. May result in illness, injury or death. Targets, limits and thresholds of concern continually exceeded. Interest group / community mobilisation against project can be expected when the impact takes place. May result in legal action if impact occurs.
	Intensity (I) (Positive Impacts)	1	low	Slight change or improvement. Minor benefits.
		2	moderate	Moderate change or improvement. Real but not substantial benefits.
		3	high	Prominent change or improvement. Real and substantial benefits. General community support.
		4	very high	Considerable and large-scale change or improvement. Real and considerable benefit. Widespread support.
	Duration (D)	Refers to the total length of time (i.e. number of months or years) that the impact would or the impact source or risk will be present.		
		1	low	Short-term. May occur for weeks or a few months and are rapidly reversible.
		2	moderate	Medium-term. May occur for the first few years of the project, during construction, up to three years. Impacts reversible within a three year period.
		3	high	Long-term. May occur throughout the life of the mine, but will cease after operations ceases either because of natural processes or human intervention.
	Frequency (F)	Refers to the time intervals and how often (i.e. number of days per year) the impact would manifest over the entire duration of the impact.		
		1	low	Seldom. Impact would be intermittent, limited to a few days a year (occurs 0-10 % of the time).
		2	moderate	Occasional. Impact would occur now and again, not more than ten days a month (occurs 10 to 35% of the time).
		3	high	Often. Impact would be present more than ten days a month (occurs >35% of the time).
	Extent / Scale (E)	4	very high	Continuous. Impact would occur all the time (occurs 100% of the time).
		0	none	None. Impact will not occur anywhere.
		1	low	Site impact. Small area. No sensitive receptors outside servitude / project area affected.
		2	moderate	Local. May affect immediate neighbours, never nearby townships. Small area or small number of sensitive receptors affected.
Probability (P)	3	high	Widespread impact. Large area or large numbers of sensitive receptors affected. May affect nearby townships.	
	4	very high	National or international impact. Impacts over a vast area or over vast numbers of receptors.	
	0	none	Never (0 % likelihood).	
	1	low	Conceivable. Will only happen in exceptional circumstances (<10 % likelihood).	
	2	moderate	Plausible. Could happen and has occurred here or elsewhere (11 to 40 % likelihood).	
	3	high	Probable (>40-80 % likelihood).	
	4	very high	Expected. Highly likely to happen (>80 % likelihood).	





Impact Rating Criteria (Abbreviation / Symbol / Short Description)		Explanation of Impact Rating Criteria and Assessment Process		
<b>Significance (S)</b> (Consequence + Probability)	Impact significance represents the degree to which the impact may cause irreplaceable loss of a resource			
	<b>Neg Very High</b>	Widespread negative effect. Negative impact that is of the highest order. Potential fatal flaw. Unacceptable impact / loss of a resource will occur.		
	<b>Neg High</b>	Substantial negative impact.		
	<b>Neg Moderate</b>	Negative impact that is real but not substantial.		
	<b>Neg Low</b>	Low to negligible negative impact with little real effect.		
	<b>Pos Low</b>	Low to insignificant positive impact.		
	<b>Pos Moderate</b>	Positive impact that is real but not substantial.		
	<b>Pos High</b>	Substantial positive impact.		
	<b>Pos Very High</b>	Widespread/substantial beneficial effect. Alternative ways to achieve same benefits not possible.		
<b>Precautionary Weighting (Value Judgement)</b>	<b>(Negative Impacts)</b>	Used when there is a potential understatement of the significance of a negative impact to increase the significance rating.		
		0	none	No weighting required. Significance rating is a true reflection of the potential effect of the impact.
		1	low	There may be a slight understatement of the significance of the impact. Impact significance adapted to be slightly higher.
		2	moderate	There may be a moderate understatement of the significance of the impact. Impact significance adapted to be higher.
		3	high	The impact significance rating is highly understated. Impact significance adapted to be higher.
	4	very high	The impact significance rating is severely understated. Impact significance adapted to be higher.	
	<b>(Positive Impacts)</b>	Used when there is a potential overstatement of the significance of a positive impact to reduce the significance rating.		
		0	none	No weighting required. Significance rating is a true reflection of the potential effect of the impact.
		1	low	There may be a slight understatement of the significance of the impact. Impact significance adapted to be lower.
		2	moderate	There may be a moderate understatement of the significance of the impact. Impact significance adapted to be lower.
3		high	The impact significance rating is highly understated. Impact significance adapted to be lower.	
4	very high	The impact significance rating is severely understated. Impact significance adapted to be lower.		
<b>Mitigation Failure Risk (FR)</b>	Used to determine the degree to which impacts can be reversed and to calculate residual impacts. The likelihood of mitigation failure rated based on:			
	<ul style="list-style-type: none"> <li>- research and technology limitations,</li> <li>- long implementation timeframes with associated potential of internal (i.e. personnel changes, project ownership changes, changing financial situation) and outside (i.e. climate change, economic and political instability) influences occurring over time,</li> <li>- financial considerations,</li> <li>- skills and labour availability and potential for human error.</li> </ul>			
	0	Very Low Risk	Less than 10% likelihood that mitigation measures could fail. Mitigation implemented quickly, mitigation easy to implement, proven technology used, no special labour skills required.	
	0.2	Low Risk	10-30% likelihood that mitigation measures could fail.	
	0.4	Moderate Risk	>30 to 60% likelihood that mitigation measures could fail.	
	0.8	High Risk	>60 to 80% likelihood that mitigation measures could fail.	
1.0	Very High Risk	>80% likelihood that mitigation measures could fail. May need research and new technologies to be developed, and/or may have to take place over many years after closure, and/or may involve exorbitant/prohibitive expenses to implement successfully, and/or may require highly skilled personnel with special training, and/or have a high risk of human error during the execution of the mitigation.		
	<b>Formula</b>	<b>Example</b>	<b>Rating Criteria</b>	

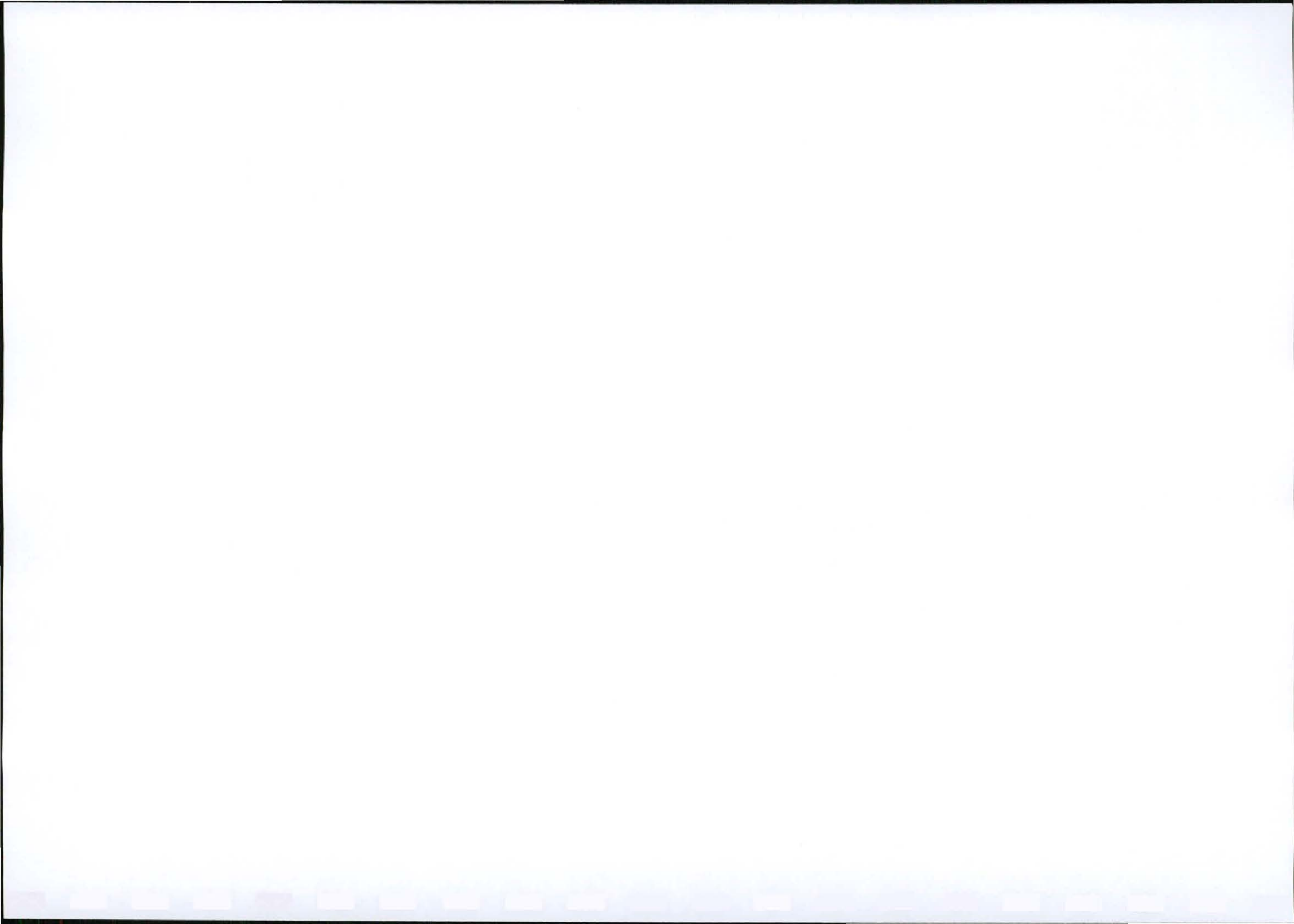


Impact Rating Criteria (Abbreviation / Symbol / Short Description)			Explanation of Impact Rating Criteria and Assessment Process
<b>Impact Rating Methodology</b> (used to determine both Unmitigated Impacts and Mitigated Impacts)	I	1.0	Intensity (I)
	D	1.0	Duration (D)
	F	1.0	Frequency (F)
	$S = (I+D+F) / 3$	1.0	Severity (S) = (Intensity + Duration + Frequency) / 3
	E	4.0	Scale (Extent) (E)
	$C = (S+E) / 2$	2.5	Consequence (C) = (Severity + Extent) / 2
	P	3.0	Probability (P). A weighing of 0.5 used for probability to increase the conservancy of the assessment of negative impacts, in line with the precautionary principle.
	$S1 = (C+P) / 2$	2.7	Significance (S1) = (Consequence + Probability) / 2
	W	0.5	Precautionary Weighting (W)
	$S2 = (S+W)$	2.9	Significance with Precautionary Weighting (S2) = (S1 + W)
	FR	1	Mitigation failure risk (FR)
	$S2 \times FR = RR$	2.9	Residual Risk (RR). Represents an adapted mitigated impact adapted based on mitigation failure risk. <i>Mitigated impact x Mitigation Failure Risk = Residual Risk</i>
	<b>Formula</b>	<b>Level</b>	<b>Level</b>
<b>Unmitigated Impact (UI)</b>	Using formula above	4	Impact rated assuming the proposed mitigation measures are not in place (UI)
<b>Mitigated Impact (MI)</b>		2	Impact rated assuming the proposed mitigation measures are fully in place (MI)
<b>Mitigation Potential (MP)</b>	$UI - MI = MP$	2	Mitigation potential (MP) represents the degree to which impacts can be reversed are calculated as follows: <i>Unmitigated Impact (UI) – Mitigated Impacts (MI) = Mitigation Potential (MP)</i>
	<b>Formula</b>	<b>Level</b>	<b>Level</b>
<b>Impact Rating</b>	$\leq$	-3.6	Neg Very High
	$\leq$	-3.0	Neg High
	$\leq$	-2.0	Neg Moderate
	$<$	0.0	Neg Low
	$>$	0.0	Pos Low
	$\geq$	2.0	Pos Moderate
	$\geq$	3.0	Pos High
	$\geq$	3.6	Pos Very High

### 7.3 Project phases

Impacts during the construction, operation and decommissioning phases of the project will be assessed. There will however be a limitation in considering impacts of decommissioning as Grootegeluk Mine will still be in operation for at least another 20 years and decommissioning will have to be re-assessed closer to the time. The status of the environment may have changed significantly at that stage. The aim of the assessment is thus to provide management measures which will be implemented specifically during the backfilling, capping and final land use of the opencast pit at Grootegeluk Mine.

### 7.4 Study Team



Synergistics Environmental Services (Pty) Ltd (Synergistics) has been appointed by Exxaro Reductants as independent environmental consultant to undertake the EIA for the Char Manufacturing Plant Expansion.

Mari Wolmarans, a director of Synergistics, is an Environmental Assessment Practitioner (EAP) certified by the interim certification board of South Africa. Her qualifications and experience include:

- BL Arch, UP, 1991.
- Environmental Assessment Practitioner (EAP) Certified by the Interim Certification Board (EAPSA).
- Professional member South African Institute of Ecologists & Environmental Scientists (SAIE&ES).
- 15+ years' environmental management and assessment experience, specifically in the mining, processing and infrastructure development sectors.

Where the EAP does not have sufficient expertise or information in a particular field to adequately assess the impacts, specialists in those fields will be appointed to provide the necessary information required to facilitate the EIA.

The following specialist reports will be compiled in order to provide input into the EIA:

- Surface water assessment;
- Geohydrological assessment;
- Waste Stream assessment;
- Air quality assessment; and
- Traffic assessment.

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## **7.5 Specialist Studies**

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The following terms of reference outline the scope of work based on the outcomes of the scoping assessment as well as the issues raised by IAPs during the scoping phase, and will be carried out by each specialist in order to provide input into the EIA. Should it be deemed necessary that additional specialist studies are required; terms of reference will be drawn up and these will then be included in the EIA report.

Specialist reports will be structured in terms of GNR 543 Section 32.

### **7.5.1 Air Quality**

The air quality specialist report will contain the following information:

- Air quality baseline assessment (this will include nearby projects to be commissioned before Char Expansion, Coke and Co-gen Plants);
- Review of existing information;
- Description of air quality legislation, guidelines and standards;
- Update meteorological data;
- Set up wind model and regional dispersion model;
- Assess predicted impacts (includes health impacts);
- Propose monitoring required;
- Compilation of an air quality impact assessment report which will include concentrations of pollutants, significance of the results and mitigation options.



## 7.5.2 Traffic Impact Assessment

The scope of the traffic assessment will include:

- A preliminary site inspection.
- Data collection, including: traffic surveys, details of intersections, road condition, travel patterns of residents and mine staff.
- Assessment of the existing roads.
- Trip generation characteristics of the project.
- Forecast of future traffic conditions.
- Proposed mitigation measures.

## 7.5.3 Surface Water

The scope of this study is as follows:

- Surface water assessment for the Char Manufacturing Plant Expansion project including:
  - Review of existing information;
  - Water and salt balance for the Char Manufacturing Plant;
  - Surface water input for environmental authorisations;
  - Surface water-related closure costs.
- Surface water assessment for the Coke and Co-generation Plants including:
  - Baseline assessment;
  - Water quality sampling;
  - Water quantity and floodline determination;
  - Compilation of water and salt balances;
  - Compilation of a stormwater management plan;
  - Input regarding the pollution control dams, sewage treatment and potable water supply.
- Provision of water management and surface water impact assessment information for the Water Use Licence Application.
- Input to the Integrated Water and Waste Management Plan (IWWMP).

## 7.5.4 Groundwater

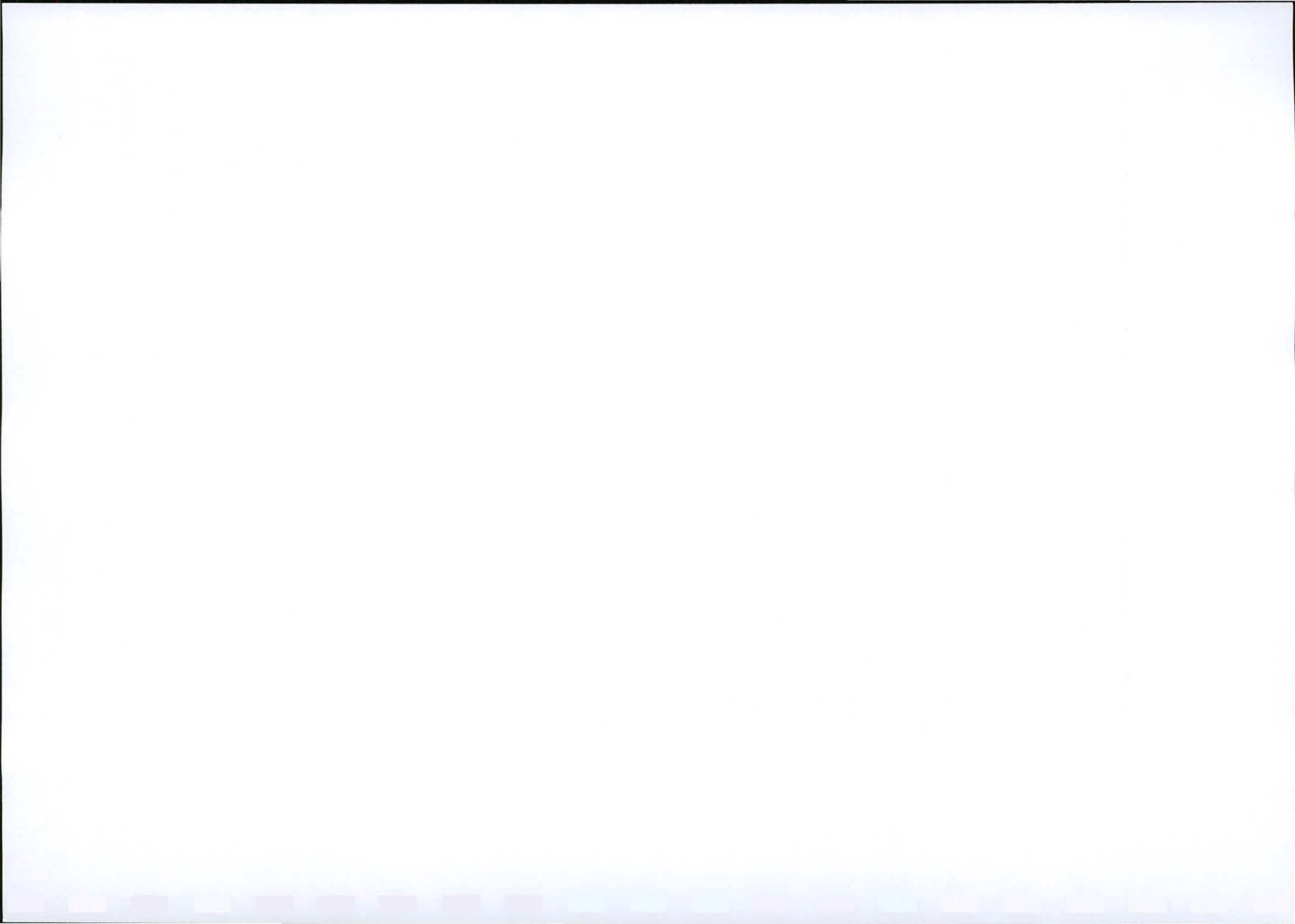
The groundwater study will cover the following aspects:

- Describe baseline groundwater characteristics.
- Compile hydro-census data.
- Groundwater sampling and analysis.
- Modelling to predict the movement of dissolved contaminants.
- Assess risks of groundwater pollution associated with the construction and operation of the plant.
- Make recommendations for the management and protection of groundwater resources.

## 7.5.5 Waste Stream Assessment

The scope of work will include:

- Waste characterisation according to the Draft Regulations and Standards for Waste Classification and Management in terms of NEM:WA (Act 59 of 2009).
- Waste classification according to SANS 10234 and the National Waste Information Regulations.
- A waste risk profile will be determined. This will involve waste sampling and analysis.





- A soil assessment will be undertaken. This will involve the following tasks:
  - Soil sampling
  - Laboratory analyses of samples
  - Site conceptual model including: geology, soil profile, location of surface water and depth to groundwater.
  - Data will be evaluated and interpreted to determine environmental risks.

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## **7.6 Consultation Process**

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The following opportunities will be provided to IAPs Competent Authorities, and relevant State Departments and Organs of State for input into the EIA process:

### **7.6.1 Public Participation Process**

#### **7.6.1.1 Public Review of Scoping Report**

Both the draft and final scoping report will be made available for public review. Six weeks will be allowed for review of the draft report and six weeks for review of the final report.

#### **7.6.1.2 Public Feedback Meeting during EIA**

During the EIA phase of the study, a public meeting will be arranged if required, to present the results of the specialist studies. The meeting will be advertised in the local press and landowners and registered IAPs will be directly invited to attend the meeting.

#### **7.6.1.3 Public Review of the EIA Report**

Both the draft and final EIA report will be made available for public review. Six weeks will be allowed for review of the draft report and six weeks for review of the final EIA report.

#### **7.6.1.4 Report Distribution**

Electronic versions of the scoping and EIA reports will be published on [www.synergistics.co.za](http://www.synergistics.co.za) and will be circulated to all registered IAPs. Hard copies will be made available at the Grootegeluk Mine security office, at the Lephalale Library, and at the Synergistics offices in Johannesburg. Additional copies can be made available on request.

### **7.6.2 Consultation with Competent Authority, State Departments and Organs of State**

#### **7.6.2.1 Authorities Meetings**

General authorities meetings may be arranged during the EIA phase of the project. Focused consultation meetings may be held with LEDET, DMR, DWA and the municipalities. The aim of the meetings will be to discuss the environmental assessment process and to define mitigation measures to be employed.

#### **7.6.2.2 Review of the Scoping and EIA Report**



In terms of the requirements of regulation GNR 543, organs of state and state departments will be allowed six weeks (forty calendar days) for review of the draft and final scoping and EIA reports. Review periods for the competent authority will be in accordance with GNR 543 for the scoping and EIA report.

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## **7.7 Contents of the EIA Report**

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The content of the EIA Report will be structured in terms of GNR 543 Section 31.

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## **7.8 Draft EMP**

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A draft EMP Will be submitted as a supporting part of the EIA Report. The EMP will be structured in terms of GNR 543 Section 33. It will provide recommendations on how to construct, operate and maintain the Char Manufacturing Plant Expansion and associated infrastructure. Once approved by the relevant authorities, the provisions of the EMP are legally binding on the project applicant and all its contractors and suppliers.



## 8. Conclusions and Key Findings

This concludes the scoping phase of the project. This report includes:

- The environmental process undertaken thus far;
- A description of the proposed project;
- A baseline assessment of the current environment;
- The issues and concerns raised by the stakeholders during the public meetings held; and
- The recommended environmental process to be followed during the EIA/EMP phase.

There have been no fatal flaws identified during the scoping phase and it is assumed that the project will proceed to the EIA/EMP phase. Additional impacts/issues may however be raised during the EIA/EMP phase and will then have to be addressed accordingly. Specialist studies will be undertaken for anticipated impacts and will be detailed in the EIA/EMP phase of the project.

It is envisaged that the environmental process followed to date and in the EIA/EMP phase will meet the requirements of the legislation to ensure that the regulatory authorities receive sufficient information to enable an informed decision on the project.



## 9. Consultant Declaration

Synergistics Environmental Services is an independent environmental consultancy that was established in South Africa in 2004. Mari Wolmarans, the project director responsible for this report, is certified as an Environmental Assessment Practitioner by the Interim Certification Board in South Africa. She has over 15 years' experience in the field of environmental consulting, particularly in the mining and infrastructure development sectors.

The undersigned herewith declare that this scoping report represents an objective and complete scoping-level assessment of the environmental impacts associated with the proposed Char Manufacturing Plant Expansion. Issues and impacts were defined through professional judgement and consultation with interested and affected parties and authorities.

The plan of study for EIA that has been designed for the project is deemed to comply with relevant legislation, best practices and principles of integrated environmental management.

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**Mari Wolmarans**

BL Arch, MSAIE&ES, EAPSA Certified

Director

**Synergistics Environmental Services (Pty) Ltd**

Date:

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**Vivienne Vorster**

BA Hons Environmental Management

Senior Environmental Scientist

**Synergistics Environmental Services (Pty) Ltd**

Date:

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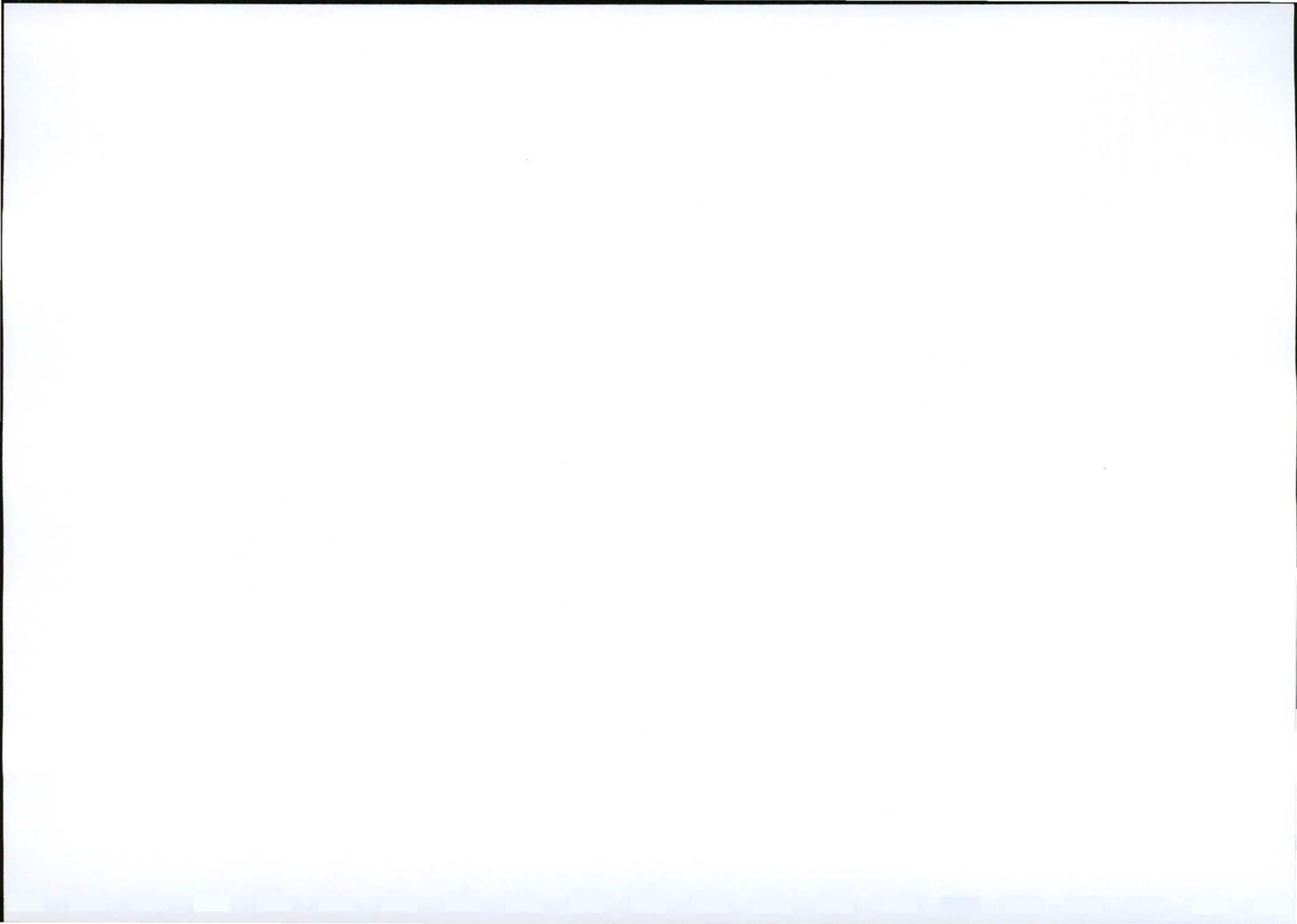
**Shelley Holt**

BSc Hons Zoology

Senior Environmental Scientist

**Synergistics Environmental Services (Pty) Ltd**

Date:





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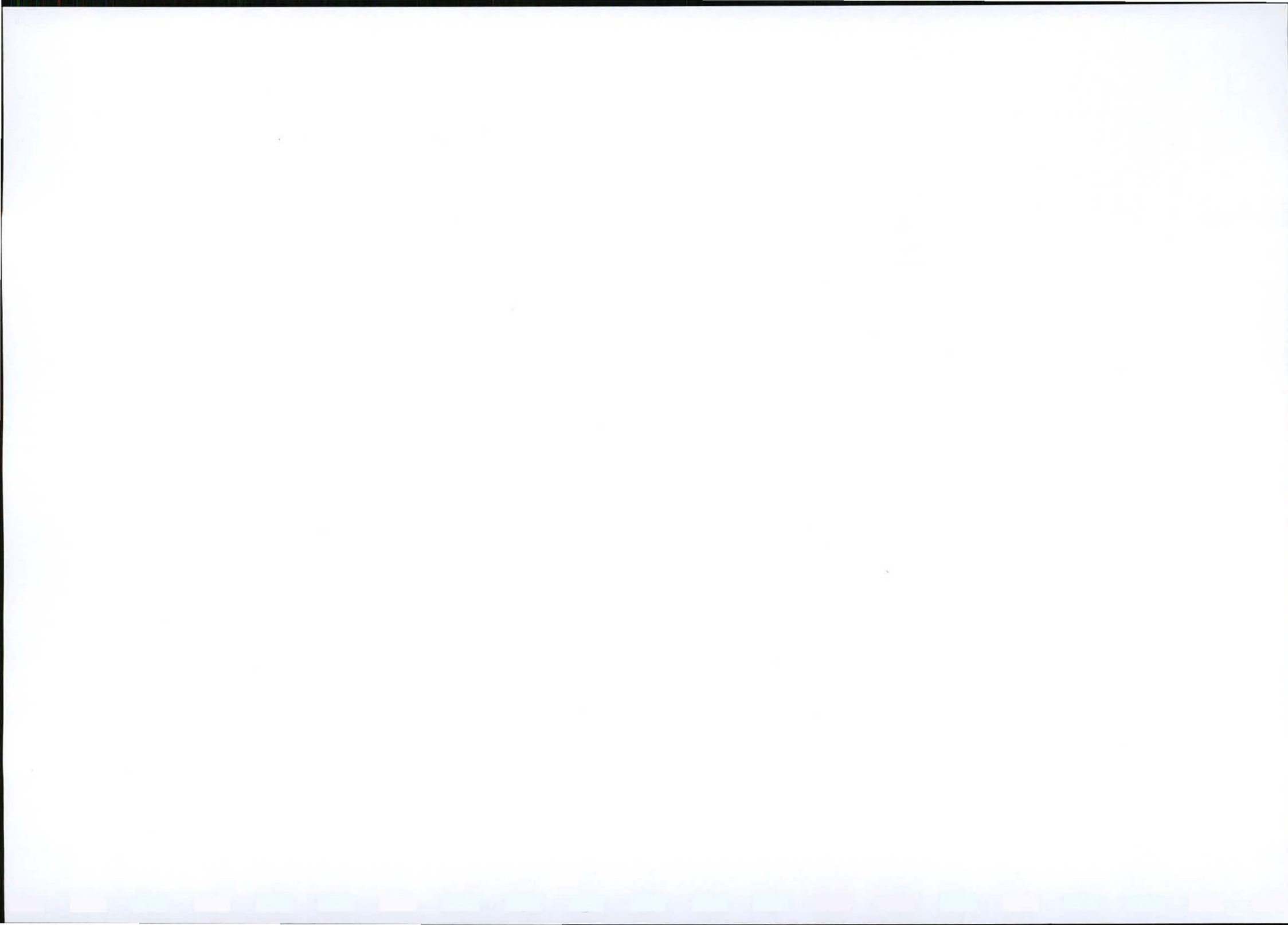


# Appendices

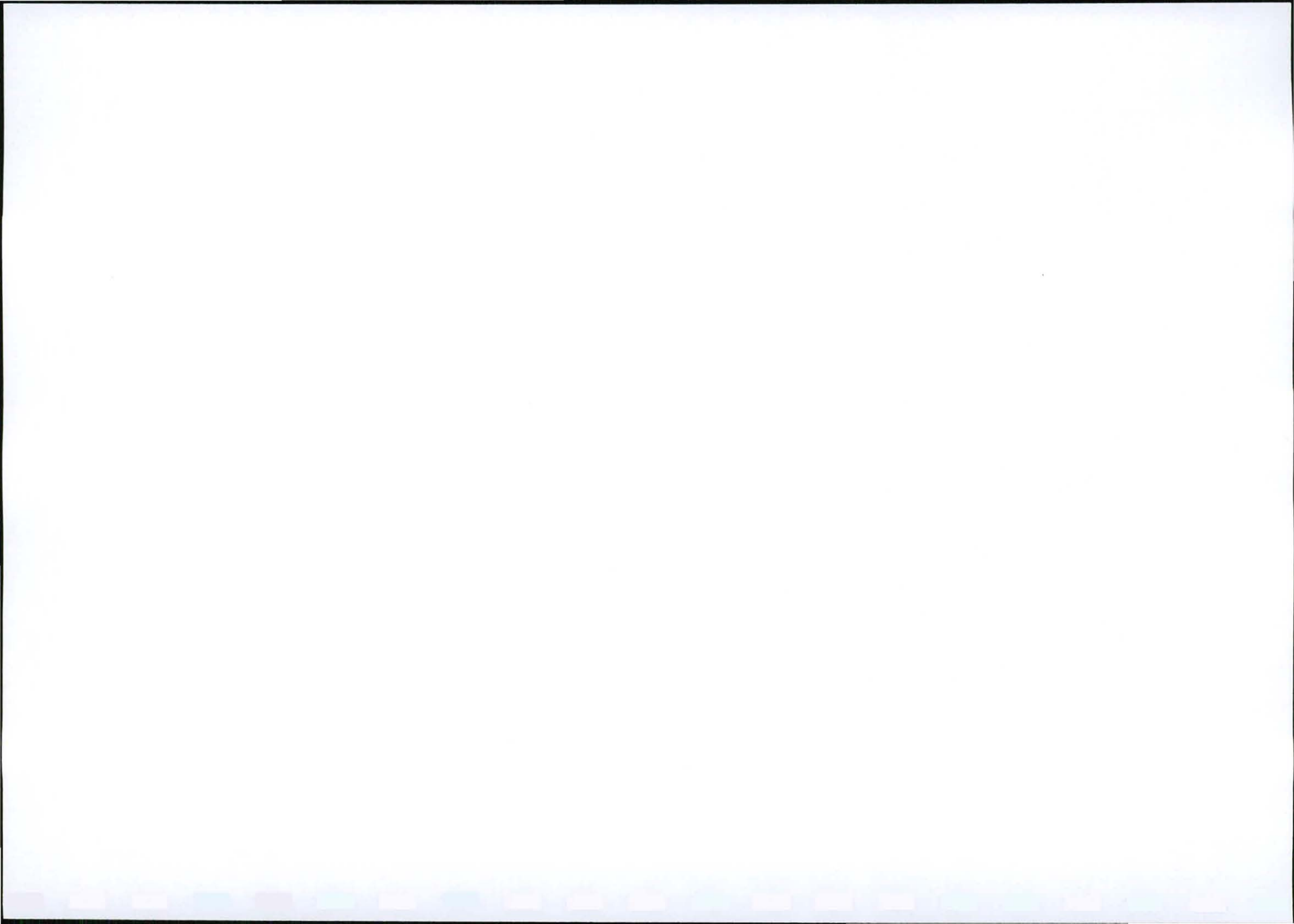
## Appendix 1: Interested and Affected Parties Database



SECTION / ORGANISATION	TITLE / Position	SURNAME	NAME	ADDRESS	Town	Code	Physical Address	TELEPHONE	FAX	Cellphone	EMAIL
<b>Authorities</b>											
DME/DMR	Mr	Mulaudzi	Azwi	Private Bag X9467	Polokwane	0700	101 Dorp Street, Polokwane	015 287 4763 / 015 287 4700	015 287 4729	076 354 7798	azwihangwisi.mulaudzi@dmr.gov.za
DME/DMR	Acting reg manager	Mudogwa	Rudzani	Private Bag X9467	Polokwane	0700	101 Dorp Street, Polokwane	015 287 4700	015 287 4729	076 354 7798	rudzani.mudogwa@dmr.gov.za
DAFF	Mr.			P.O. Box 3620	Polokwane	0700		015 287 9940/4			lekgaumah@nda.agric.za
DAFF		Masemola	Maiietse	Box 3620	Polokwane	0700	89 Bicard Street	015 287 9940	015 297 7993	082 314 8397	maiietsem@nda.agric.za
DWAF	Mr	Mabada	Donald	Private Bag X9506	Polokwane	0700	Azmo Place, Cnr thabo Mbeki and Kerk, 49 Joubert St.	015 290 1200 / 015 290 1402			mabadah@dwaf.gov.za
DWAF	Ms	Masondo	Zama	Private Bag X9506	Polokwane	0700	Azmo Place, Cnr thabo Mbeki and Kerk, 49 Joubert St.	015 290 1200 / 015 290 1269		0727001564	MasondoZ@dwaf.gov.za
DWAF - Head office	Sub-Directorate: Mines, Directorate: Resource Protection and Waste	Morokane	Molefe, Tebogo				Zwamadaka building, 157 Schoeman st, Pretoria	012 336 8697	012 323 0321	082 883 7890	MorokaneM@dwa.gov.za
DWAF	Mr	Mahlalji	Malegodi	Private Bag X9506	Polokwane	0700	Azmo Place, Cnr thabo Mbeki and Kerk, 49 Joubert St.	015 290 1200 / 015 290 1269		082 808 5825	mahlaljim@dwaf.gov.za
LEDET		Malungani	Tinyiko	Private Bag X9484	Polokwane	0700	Cnr Suid & Dorp Str. Polokwane	015 280 7000			malunganitp@ledet.gov.za
LEDET	Mr	Tshuketani	Masungi					152914347			tshuketanim@ledet.gov.za
LEDET	Mr	Mongwe	Victor	Private Bag X9484	Polokwane	0700	Cnr Suid & Dorp Str. Polokwane	015 285 4013		082 412 5605	mongwev@ledet.gov.za
DAFF	Mrs	Baloyi	Violet	P.O. Box 3620	Polokwane	0700				083 492 8422	violetB@nda.agric.za
DLA Lephalale	Mr	Tau	Erick	Private Bag X9312	Polokwane	0700		015 297 3539		084 440 0682	SETau@dla.gov.za
Waterberg District Municipality	Mr	Mashego	Reuben	Private Bag X1018	Modimolle	0510	Harry Gwala Street Modimolle	(014) 718-3300	(014) 717-2931		rmashego@waterberg.gov.za
Waterberg District Municipality (Mayor and Municipal Manager)				Private Bag X1018	Modimolle	0510	Harry Gwala Street Modimolle	(014) 718-3300	(014) 717-2931		
Lephalale Municipality	Mr	Hiapa	Joshua	Private Bag X136	Lephalale	0500	Lephalale Civic Centre on the corner of Joe Slovo and Douwater roads, Onverwacht, Lephalale	014 763 2193	014 7635662 / 086 5878789	820907345	joshua.hiapa@lephalale.gov.za
Lephalale Municipal Manager	Mr	Naidoo	Bob	Private Bag X136	Lephalale	0500	Lephalale Civic Centre on the corner of Joe Slovo and Douwater roads, Onverwacht, Lephalale	014 762 1409	014 7635662		bob.naidoo@lephalale.gov.za
<b>Other IAPs</b>											
ESKOM		Sarina	More	Private Bag X215	Lephalale	0500		014 763 8529		726320280	sarina.more@eskom.co.za
ESKOM	Mr	Van Niekerk	Christo	Private Bag X215	Lephalale	0500		014 763 8268	014 763 3616	082 902 3648	VNiekeFC@eskom.co.za
<b>Land Owners</b>											
Ferroland - Farms:	Mr	Molepo	Johannes	Private Bag X9506,	Pietersburg	0700		014 768 2235		822696334	
Appelvlakte	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Eendrachtpan	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Gelykebuil	Mr	Molepo	Johannes	Box 6207	Onverwacht	0557		014 768 2235		082 269 6334	
Goedehoop	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Graaffwater	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Grootestryd	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Groothoek	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Mc Cabesvley	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Naauw Ontkome	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Nelsonskop	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Onbelyk	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Vooruit	Mr	Molepo	Johannes	Private Bag X9506	Pietersburg	0700		014 768 2235		082 269 6334	
Altoostyd	Mr	Erasmus	Magiel	Bus 40	Ellisras	0555		014 763 3692			
Buffelsjagt/Verguldeh elm	Mr	Hills	Hennie	Bus 73	Vorentoe	0259		015 287 4761		082 378 4242	
Buffelsjagt/Verguldeh elm	Mr	Van Alphen	Dirk	Bus 73	Vorentoe	0259				087 353 6611	dirkva@nwel.co.za
Droogheuwel	Mr	Maiherbe	A	Bus 689	Aucklandpark, JHB	2006				082 442 9296	
Eendracht	Mr	Lambrechts	JJ	Bus 305	Ellisras	0555		014 763 3690			
Elandsbosch/Jackalsv ley/Majamazyn Kopje/Minnasvlakte/Wolwepan	Mr	Steenkamp	Hardus	Bus 683	Ellisras	0555		014 766 0072		084 491 0220	pgsteen@vodamail.co.za
Gannavlaakte/Loopleegte	Mr		Tony	Box 5723	Onverwacht	0557		014 763 5519		082 708 3378	
Ganzepan	Mr	Gouws	SM		Wonderboom	0182	Wildekewersteeg 176	012 567 4646			
Ganzepan	Mr	Swanepoel	Louw	Bus 5140	Onverwacht	0557		014 763 4798			
Geelbekpan	Mr	Jacobs	Gawie	Bus 1617	Nigel	1490				083 255 4705	ggjacobs@telkomsa.net
Hanglip	Mr	Pieterse	Hendrik	Bus 5238	Onverwacht	0557		014 763 5009			
Kaffirsdraal	Mr	Lombard	IP	Bus 11	Ellisras	0557		014 763 3106			zax.lombard@gmail.com
Kalkfontein	Mr	Van Rooyen	Johan	Bus 585	Ellisras	0555				083 304 7063	johan.vrooyen@exxaro.com
Kalkvlakte/leew/ontein / Maaiamzamshoek/Oliphantpad/ Zaagput/ Majamazyn Kopje	Mr	Erasmus	Gideon	Bus 228	Ellisras	0555		014 766 0151			zaagput@hotmail.com
Klippan/Oliboomfontein	Mr	Pistorius	Johan	Bus 31	Ellisras	0555		014 766 0161			



Kringgatspruit	Mr	Beukes	Willem	Bus 5522	Onverwacht	0557				082 411 3606	willhes@lantic.net
Kuipersbult	Mr	Tuynsma	Koot	Bus 300	Ellisras	0555				082 770 9131	
Massenberg	Mr	Grobler	Sakkie	Bus 1461	Ellisras	0555		014 766 0068			
Minnaerspan/Vaalpensloop	Mr	Rossel	Louis	Bus 413	Ellisras	0555		014 763 2280		082 772 9700	louis.rossel@lowveldbus.co.za
Nooitgedacht	Mr	Breedt	Jaco	Bus 43	Ellisras	0555				082 940 6983	
Paarl/Worcester	Ms	Prebrius	Susan (I.S)	Bus 6607	Onverwacht	0557	Kraansberstreet 2, Onverwacht			083 304 0211	spretorius@xsinet.co.za / susan@cranbrook.co.za
Paddakraal	Mr	Booyse	Willem	Bus 1000	Ellisras	0555		014 763 4889			awabooyse@gmail.com
Paddakraal	Mr	De Lange	Herman	Bus 589	Ellisras	0555				082 772 5008	herman.delange@exxaro.com
Ringbult	Mr	Barnard	W	Bus 464	Ellisras	0555		014 763 6403			geo@lantic.co.za
Schrikvoorby/Welgevonden	Dr	Mociman	Andre	Bus464	Ellisras	0555		014 763 2966/012 346 3925			
Shotbelt Ged 2	Mr		Pieter	Bus 409	Ellisras	0555		014 763 2824			
Smitspan	Mr	Henning	AP	Bus 1081	Potchefstroom	2520				083 626 9824	
Van Der Waltspan	Mr	Van Wyk	Radie					014 766 0075		082 469 5265	radie.vanwyk@telkomsa.net
Van Der Waltspan	Mr	Van Wyk	Christo							083 287 2844	christo.vanwyk@spx.com
Vetleegte	Mr	Sauer	Pieter	Bus 540	Ellisras	0555		014 766 0080			
Van Wykspan/Zonderwater	Mr	Obes	Gus	Bus 1291	Silverton	0127		012 803 8124			
Van Wykspan	Mr	Human	Gerrit	Bus 45	Ellisras	0555		014 763 3133			
	Mr	Mosima	Tsepo	P.O. Box 4282	Enkelbult	0556				076 3596 199	
Grootegeluk Mine		Swanepoel	Filomaine					014 763 9288		083 662 1104	Filomaine.Swanepoel@exxaro.com
Grootegeluk Mine	Mr	Nkwamba	Experience					014 763 9646		083 701 2995	esperience.nkwamba@exxaro.com
Grootegeluk Mine		Mufanadi	Tendani					014 763 9650		083 541 4348	tendani.mufanadi@exxaro.com

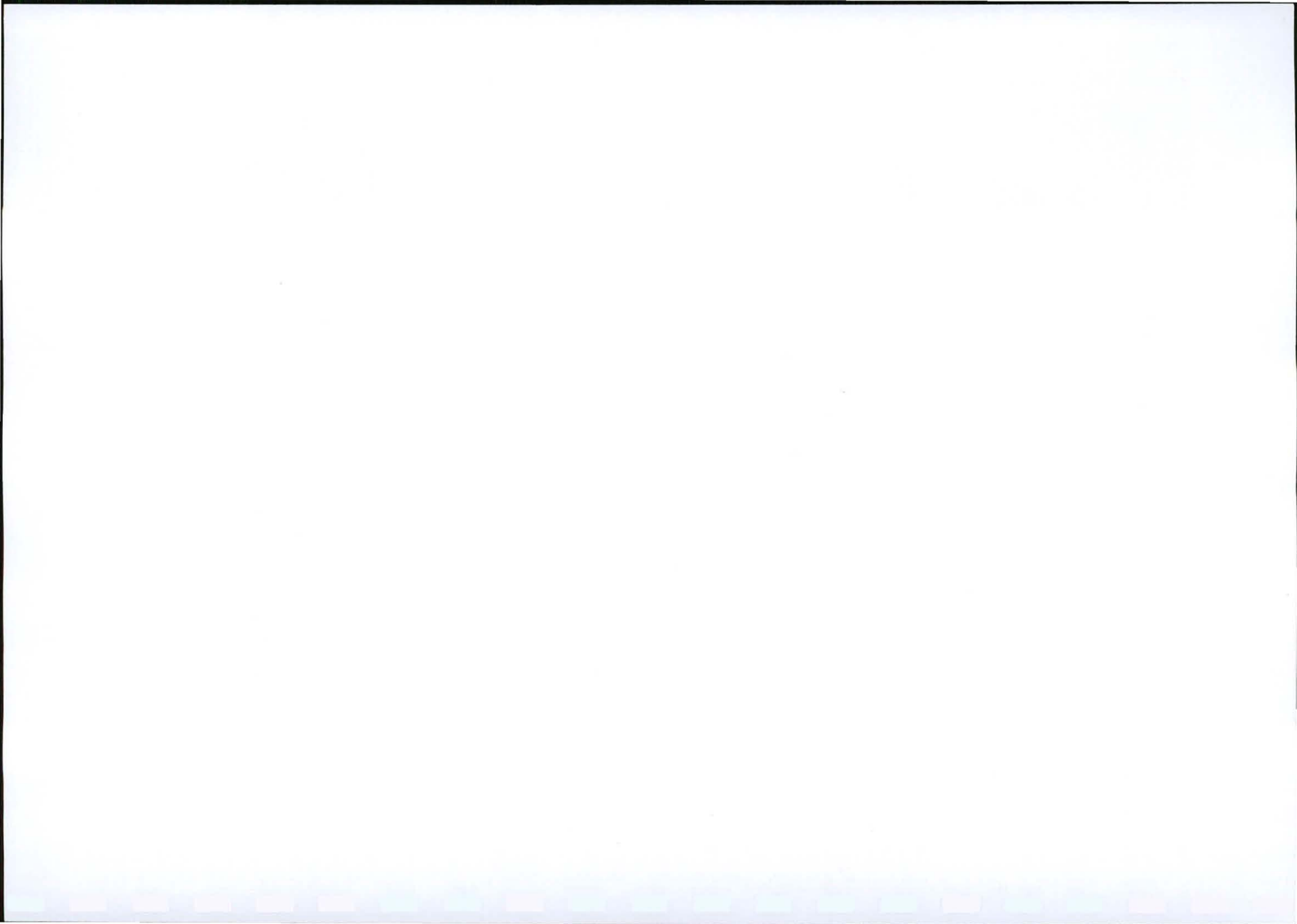




## Appendix 2: Press and Site Adverts



August 2010



# **Environmental Impact Assessment (EIA) Amendment, Environmental Management Programme (EMP), Integrated Water Use License Application (IWULA) Amendment and Waste Management License Application for the Expansion of the Sintel Char Plant at Grootegeluk Mine**

Exxaro Resources (Pty) Ltd owns and operates the existing Sintel Char Plant, which is located within the boundaries of the Grootegeluk Coal Mine. Exxaro Resources wishes to expand their operations and increase the number of retorts at the Char Plant from 4 to a maximum of 10. The expansion would therefore involve the construction of an almost identical plant to the existing Char Plant and would be located adjacent to it. The Char Plant and expansion are located on the Farm Darby 458 LQ. The existing plant covers an area of ~5.5ha and the expansion will be approximately the same size. The entire footprint of the Sintel Char Plant area is ~13.9ha.

Synergistics Environmental Services has been appointed as the independent environmental consultants and will be undertaking the environmental authorisations associated with the project.

Notice is hereby given in terms of the following legislation, that applications for environmental authorisation will be submitted to the relevant government authorities:

- 1) The National Environmental Management Act (No. 107 of 1998);
- 2) The Mineral and Petroleum Resources Development Act (No. 28 of 2002)
- 3) The National Water Act (No. 36 of 1998); and
- 4) The National Environmental Management: Waste Act (No. 59 of 2008)

There will be four key deliverables for the project:

- 1) An Environmental Impact Assessment (EIA) amendment will be submitted to the Limpopo Department of Economic Development, Environment and Tourism (LEDET) as per the regulations of the NEMA;
- 2) An Environmental Management Programme (EMP) will be submitted to the Limpopo Department of Mineral Regulations;
- 3) An Integrated Water Use License Application (IWULA) amendment will be submitted to the Department of Water Affairs; and
- 4) A Waste Management License Application will be submitted to the waste management division of LEDET

**If you would like to be registered as an Interested and Affected Party, please send your name and details to one of the points of contact below:**

**Vivienne Vorster**  
**Synergistics Environmental Services**  
Tel: (011) 807 8225  
Post: P O Box 1822, Rivonia, 2128  
Fax: (011) 807 8226  
Email: [vivienne@synergistics.co.za](mailto:vivienne@synergistics.co.za)

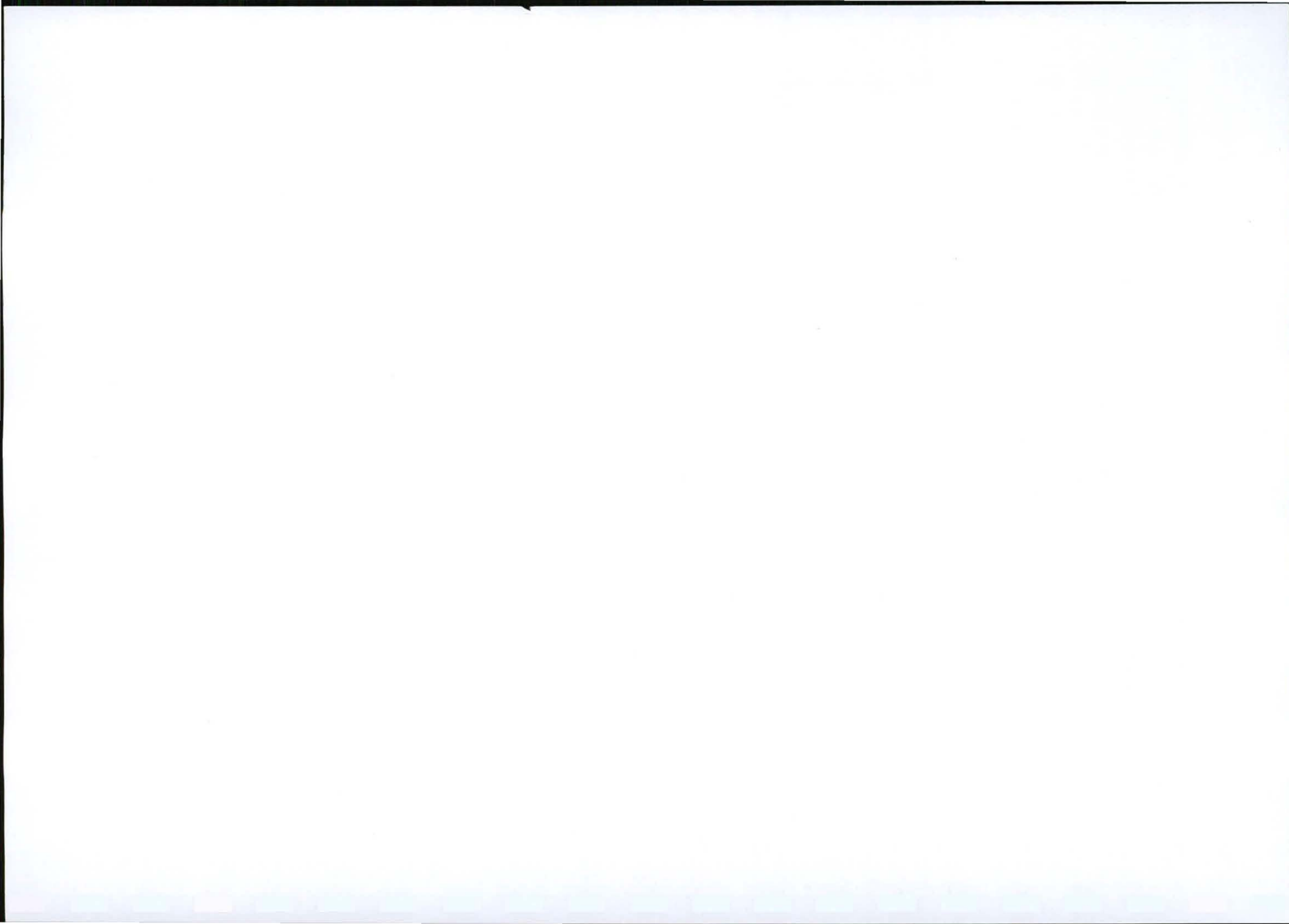


**Please register as an interested and affected party in order to receive further correspondence.**

**All comments must reach us by the 6<sup>th</sup> of October 2010**

**An Information Sharing Meeting will be held for Interested and Affected Parties to give more detailed project information**

**Invitation to Attend Information Sharing Meeting**  
**Place: Mogol Club, Lephalale**  
**Date: Wed 11th August 2010**  
**Time: 13:00 – 15:00pm**



# **Environmental Impact Assessment (EIA) Amendment, Environmental Management Programme (EMP), Integrated Water Use License Application (IWULA) Amendment and Waste Management License Application for the Expansion of the Sintel Char Plant at Grootegeluk Mine**

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Synergistics Environmental Services  
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Post: P O Box 1822, Rivonia, 2128  
Fax: (011) 807 8226  
Email: [vivienne@synergistics.co.za](mailto:vivienne@synergistics.co.za)

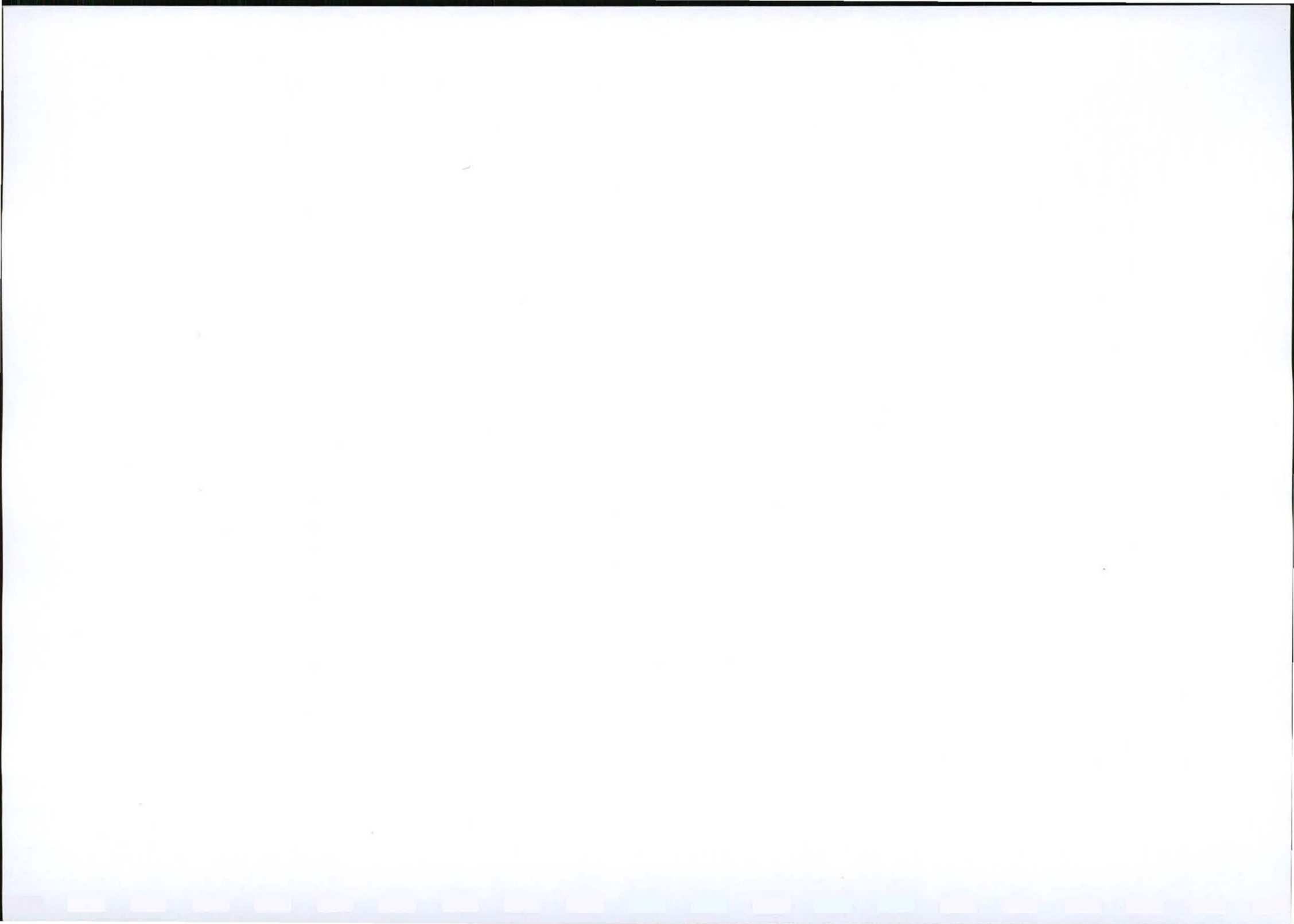


Please register as an interested and affected party in order to receive further correspondence.

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Time: 13:00 – 15:00pm





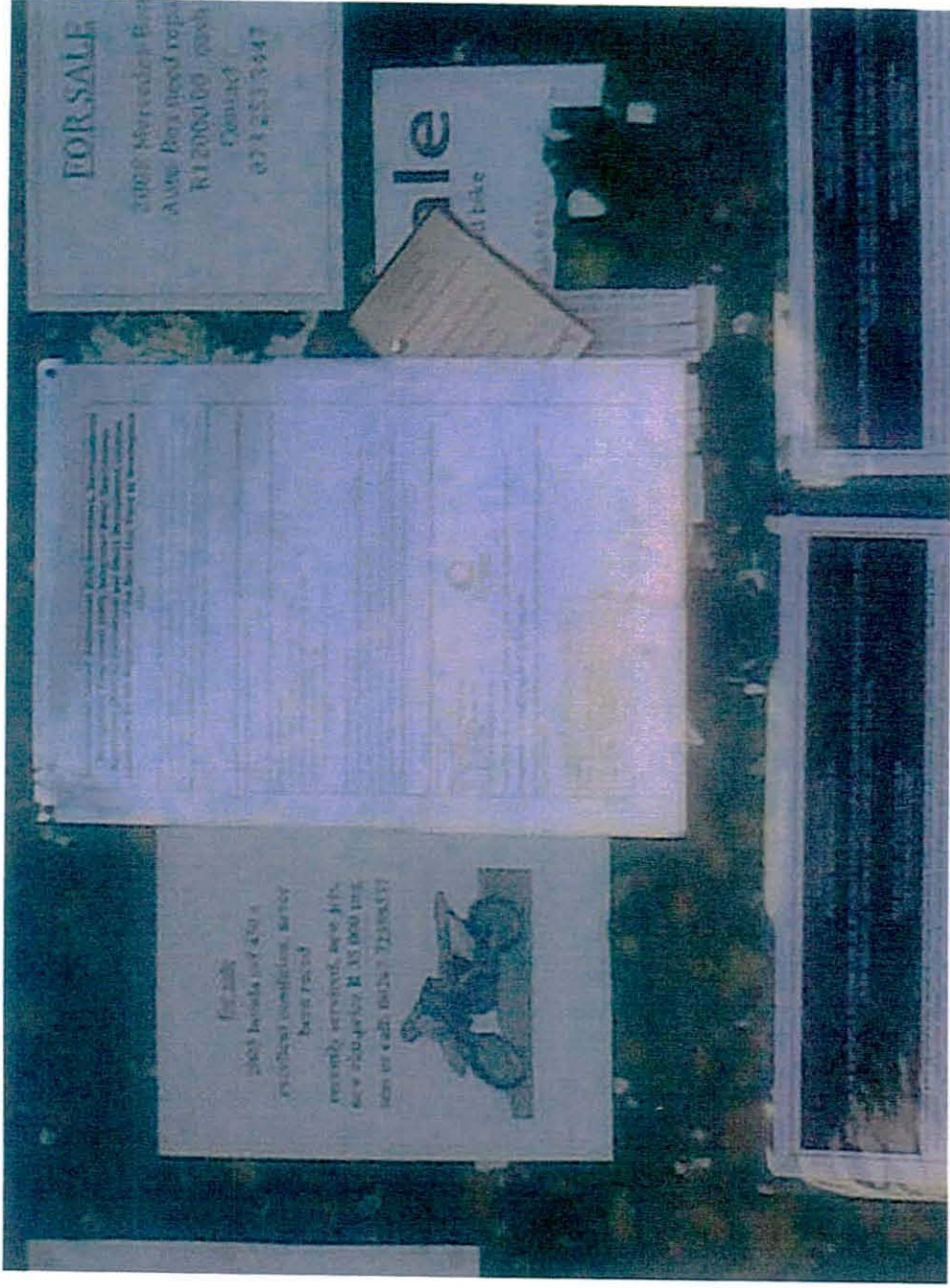
Photos of site notice (August 2010)

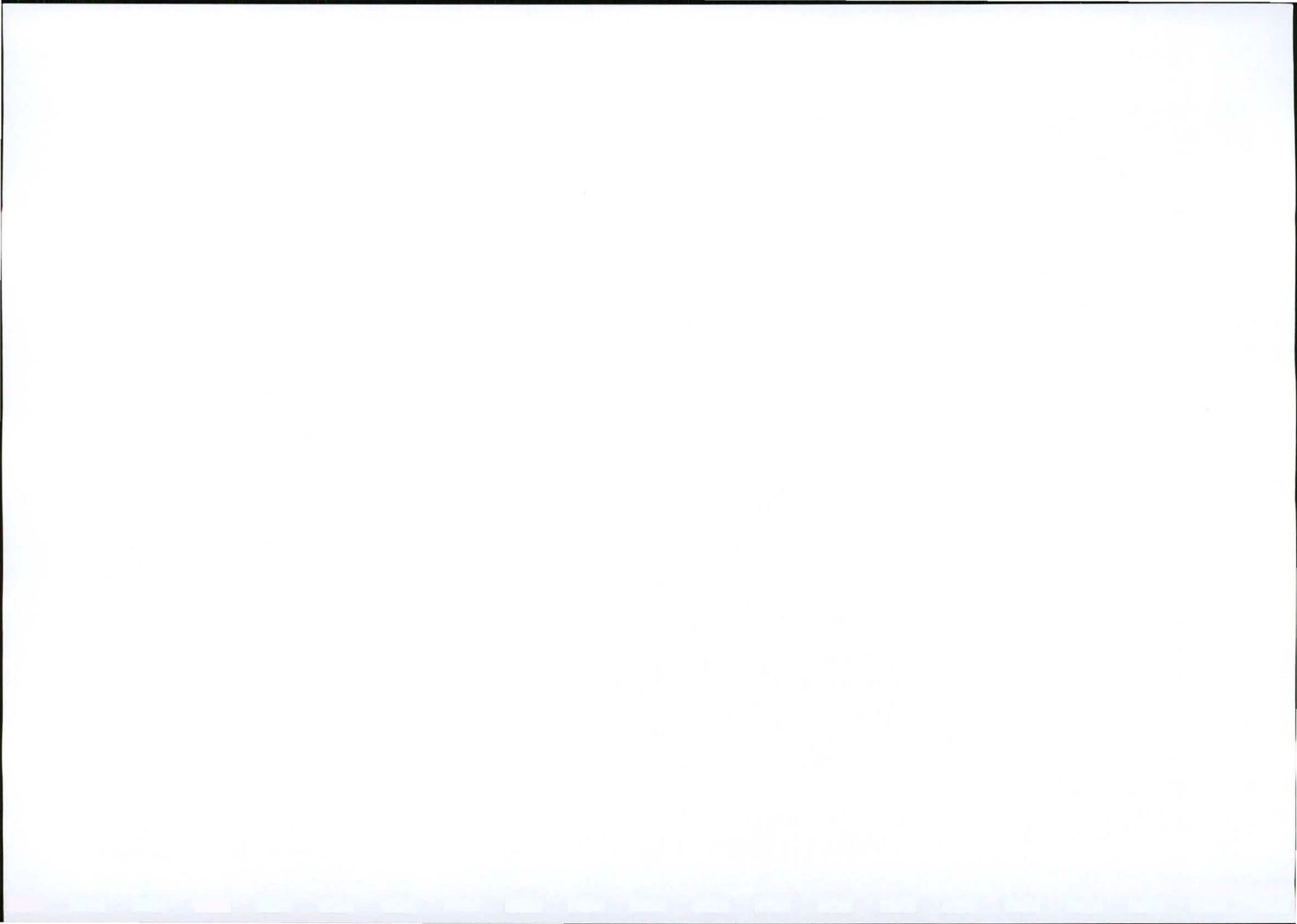


















## BACK 2 BASICS FAMILY FESTIVAL

**VOORLOPIGE PROGRAM**  
**Vrydagaand 10 September 2010:**  
GO MAD!!!! (Youth Bash)

**Saterdag 11 September 2010:**

09h00 - 11h00 - Stunters for Christ vertoning  
12h00 - 14h00 - Optog van Ellisras tot Mogol klub  
14h00 - 16h00 - Optredes by Mogol klub  
(Sangers, kore, dansers, orkesie, poppespel, ens)

16h00 - 17h00 - Stunters for Christ vertoning  
17h00 - 19h00 - Optredes by Mogol klub  
(Sangers, kore, dansers, orkesie, poppespel, ens)

19h00 - laat - Hoofsangers (BACK 2 BASICS)

**Sondag 12 September 2010:**  
Buitelug Interkerklike diens

**Let Wel:** Die program-tye mag verander  
Dis heel die hele gemeenskap uit, bety individue of groep  
om in te skryf vir optredes so: sangers, kore, dansers, orkesie, ens.  
Dis heel ook almal wat ons wille te sae werk in die ogting gaan  
deelneme. Stalletjies is ook beskikbaar vir enige lewens- of verbruiks-  
goed, soos stalletjies vir kassette, ens. (enige goetelike produkte,  
soos bv. kere, CD's, boeke, juwele, ens)

Registrasie vir deelname aan stalletjies staat 10 Augustus 2010. Vir enige  
verdere navraag, skakel gerus die volgende persone:

Johan Ebersohn: 084 888 2044 Wayne Derksen: 084 585 5759  
Hilte Steenkamp: 072 955 7065 Jolene Shepherd: 072 979 8928  
Wilma Gouws: 083 467 8914 Arthur Coop: 072 664 3645

**10-12 SEPTEMBER** 

## MOGOLO ACADEMY VACANCY

**Position:** Communication in English Facilitator  
ABET Level 3, 4 and NQF Level 2

**Qualifications:** National Teaching Diploma / 3 yr B.ED  
Degree or equivalent. SACE Registered. Fluent in  
Afrikaans & English.

**Experience:** At least 2 or more yrs teaching experience  
in English at secondary level.

**Duties:** Facilitate above mentioned Communication in  
English classes. Handling all student related class  
administration

**Closing Date:** 13 August 2010  
**Salary:** Negotiable

Contact: E. Mmille  
Tel/Fax: 014 768 2213  
E-mail: mogolo@mweb.co.za  
CV's can be handed in at Mogolo Academy, Moseitha  
str, Marapong, faxed or e-mailed.

### Environmental Impact Assessment (EIA) Amendment, Environmental Management Programme (EMP), Integrated Water Use License Application (IWULA) Amendment and Waste Management License Application for the Expansion of the Sintel Char Plant at Grootegeluk Mine

Esaro Resources (Pty) Ltd owns and operates the existing Sintel Char Plant, which is located within the boundaries of the  
Grootegeluk Coal Mine. Esaro Resources wishes to expand their operations and increase the number of retorts at the Char Plant  
from 4 to a maximum of 10. The expansion would therefore involve the construction of an almost identical plant to the existing Char  
Plant and would be located adjacent to it. The Char Plant and expansion are located on the Farm Derby 458 L.G. The existing plant  
covers an area of ~5.5ha and the expansion will be approximately the same size. The entire footprint of the Sintel Char Plant area is  
~13.9ha.

Synergistics Environmental Services has been appointed as the independent environmental consultants and will be undertaking the  
environmental submissions associated with the project.

Notice is hereby given in terms of the following legislation, that applications for environmental authorisation will be submitted to the  
relevant government authorities:


- 1) The National Environmental Management Act (No. 107 of 1998);
- 2) The Mineral and Petroleum Resources Development Act (No. 28 of 2002);
- 3) The National Water Act (No. 36 of 1998); and
- 4) The National Environmental Management: Waste Act (No. 59 of 2008)

There will be four key deliverables for the project:

- 1) An Environmental Impact Assessment (EIA) amendment will be submitted to the Limpopo Department of Economic  
Development, Environment and Tourism (LEDET) as per the regulations of the NEMA;
- 2) An Environmental Management Programme (EMP) will be submitted to the Limpopo Department of Mineral Regulation;
- 3) An Integrated Water Use License Application (IWULA) amendment will be submitted to the Department of Water Affairs; and
- 4) A Waste Management License Application will be submitted to the waste management division of LEDET

If you would like to be registered as an Interested and Affected Party, please send your name and details to one of the  
points of contact below:

**Vivienne Vorster**  
Synergistics Environmental Services  
Tel: (011) 807 8228  
Fax: P.O. Box 1822, Rivonia, 2128  
(011) 807 8228  
Email: vivienne@synergistics.co.za



Please register as an interested and affected party in order to receive further correspondence.  
All comments must reach us by the 6<sup>th</sup> of October 2010  
An Information Sharing Meeting will be held for interested and affected parties to give more detailed  
project information

Invitation to Attend Information Sharing  
Meeting  
Place: Mogol Club, Lephalale  
Date: Wed 11th August 2010  
Time: 13:00 – 15:00pm

## LEPHALALE MUNICIPALITY PUBLIC NOTICE

### SCHEDULE OF WASTE REMOVAL SERVICES ON A PUBLIC HOLIDAY

TO ALL RESIDENTS OF THE BELOW-MENTIONED COLLECTION DAY

Please note that domestic waste will be collected as scheduled in your area  
on the following public holiday.

DATE OF COLLECTION	TIME OF COLLECTION
Monday, 09 August 2010	07H00

All residents are advised to place their refuse bags at their normal collection  
points on the above-mentioned day by not later than 07h00 in the morning.

Residents are kindly reminded that refuse removal service is rendered ev-  
eryday including all public holidays.

For enquiries, please contact Mr. P.J. Hlapi on (014) 762 1432 / 082 090  
7345.

Your co-operation will be highly appreciated.

**A.S. NAIDOO**  
Municipal Manager

Civic Centre  
Private Bag X136  
LEPHALALE  
0555

Date	:	09 August 2010
Reference Number	:	2/2/4
Notice Number	:	A28/2010



# THE CONTENT OF A WILL

## MAMRE

### KOMPLEKSADMINISTRASIE

- Deeltitelkomplekse
- Huiseienaarsverenigings
- Winkel-, industriële en ander kompleksbestuur
- Opleiding: Trustees
- Stigtingsvergaderings
- Persoonlike aandag aan komplekse

info@mamre.co.za  
Tel (012) 809 1777  
Faks 086 523 6246

A will should, firstly, preferably be used only to bequeath your estate assets to any person or institution of your choice. Secondly, it is important to nominate an executor and, if applicable, also a trustee of your choice. Berrie Botha, chief executive of Sanlam Trust, answers a few questions on the content of a will.

Is a verbal promise of a bequest valid?

No. A bequest can be made only in terms of a valid will or the Intestate Succession Act.

Are all stipulations and provisions of a will enforceable?

No. There are restrictions with regard to stipulations and provisions in a will that may be null and void. Provisions that are immoral (contrary to good morals or public policy), for instance to make your daughter's inheritance subject to the condition that she must divorce her husband before she can inherit, may be regarded as an invalid provision. Unfair discriminatory provisions that are in

conflict with the Constitution of a country are also not enforceable.

May cash or life policies be bequeathed in a will?

Yes. Certain bequests, such as the bequest of policies, must be defined clearly, i.e. whether they include all policies or only life policies, but

exclude investment policies. The word "cash" should be avoided. Rather refer to money in investments and accounts, such as a savings or money-market account.

Should funeral arrangements, including cremation and organ donations, be included in a will?

A will should preferably not be used for other purposes as well. Stipulating funeral arrangements, including cremation, in a will is risky as the content of the will might be disclosed only after the funeral.

The same goes for the donation of organs. Firstly, the will comes into operation only at death and, secondly, the content of your will might only become known after a cremation. It is important that organs be available as soon as possible after death.

Rather discuss all these funeral arrangements with your next-of-kin and, in the case of organ donations, with the relevant institutions while you are still alive.

Should a house or holiday home be bequeathed to more than one person?

The bequest should also be practical. Bequeathing a holiday home, for example, to more than one person could create practical and other problems for the heirs with regard to maintenance and the payment of expenses.

Can a will also serve as a contract or agreement?

No. They are two different documents. Provision for minors and heirs.

It is recommended that a guardian or guardians for minors be appointed in your will. However, the appointment will only come into force if there is no natural guardian. Divorce does not take away guardianship.

Only a person who is of age may receive an inheritance. Majority means

from age eighteen or if legally married before that age. It is recommended that provision be made in a will for the inheritance of minors to be handed over when they come of age or at a higher age.

For any enquiries, contact Berrie Botha on 021 947 4824 or 082 440 2763.

## Neem asb kennis

M.P. VAN STADEN PROKUREURS  
Telefoon buite werking a.g.v. diefstal van lyne.

Gebruik asb die volgende nommers:  
Tinus 0828250893  
Chris 0828261911  
Faks 0866169286



## Jammerlike mense! Mense?

Wie skep behae in die verwoesting van 'n onskuldige halfmens? Hierdie plante staan al vir jare op die eilandjies in Walter Sisulu en het iemand verlede week besluit om die kosbare plante te vandaliseer. Hoe jammerlik is die mens wat dit doen!



**KOEDOE**  
**APTEEK**  
**PHARMACY**

Tel: 014 763 2224/5 Faks: 014 763 2122  
Sel: 082 891 8597  
Jan Leestraat 48  
Apteker: Ferdi Steyn  
Ure: Ma - Vr 08:00-18:00  
Sa 08:00-13:00

### Environmental Impact Assessment (EIA) Amendment, Environmental Management Programme (EMP), Integrated Water Use License Application (IWULA) Amendment and Waste Management License Application for the Expansion of the Sintel Char Plant at Grootegeluk Mine

Exxaro Resources (Pty) Ltd owns and operates the existing Sintel Char Plant, which is located within the boundaries of the Grootegeluk Coal Mine. Exxaro Resources wishes to expand their operations and increase the number of rotators at the Char Plant from 4 to a maximum of 10. The expansion would therefore involve the construction of an almost identical plant to the existing Char Plant and would be located adjacent to it. The Char Plant and expansion are located on the Farm Darby 458 LQ. The existing plant covers an area of ~5.5ha and the expansion will be approximately the same size. The entire footprint of the Sintel Char Plant area is ~13.5ha.

Synergestics Environmental Services has been appointed as the independent environmental consultants and will be undertaking the environmental authorisations associated with the project.

Notice is hereby given in terms of the following legislation, that applications for environmental authorisation will be submitted to the relevant government authorities:

- 1) The National Environmental Management Act (No. 107 of 1998);
- 2) The Mineral and Petroleum Resources Development Act (No. 28 of 2002)
- 3) The National Water Act (No. 36 of 1998); and
- 4) The National Environmental Management: Waste Act (No. 59 of 2008)

There will be four key deliverables for the project:

- 1) An Environmental Impact Assessment (EIA) amendment will be submitted to the Limpopo Department of Economic Development, Environment and Tourism (LEDET) as per the regulations of the NEMA;
- 2) An Environmental Management Programme (EMP) will be submitted to the Limpopo Department of Mineral Regulations;
- 3) An Integrated Water Use License Application (IWULA) amendment will be submitted to the Department of Water Affairs; and
- 4) A Waste Management License Application will be submitted to the waste management division of LEDET

If you would like to be registered as an Interested and Affected Party, please send your name and details to one of the points of contact below:

Vivienne Vorster  
Synergestics Environmental Services  
Tel: (011) 807 8226  
Post: P O Box 1822, Rivonia, 2128  
Fax: (011) 807 8226  
Email: vivienne@synergestics.co.za



Please register as an interested and affected party in order to receive further correspondence.

All comments must reach us by the 6<sup>th</sup> of October 2010

An Information Sharing Meeting will be held for Interested and Affected Parties to give more detailed project information

Invitation to Attend Information Sharing Meeting  
Place: Mogol Club, Lephalale  
Date: Wed 11th August 2010  
Time: 13:00 - 15:00pm

## L P S Liquefied Petroleum Service

Registration No. QCC 0508

## Registered LPGas Installer

- \* Domestic and commercial installations
- \* Supply of LP Gas appliances and materials
- \* Issuing of Certificate

Abrie Loubser  
Cell. 082 375 3455

Mica Hardware, Louis Botha Avenue, Ellisras

## Moeg Gewag?!

### Toustaanhelp 'n oproep ver:

- \* Voertuig lisensie hernuwings
- \* Voertuigregistrasies
- \* Aansoek padwaardigheidsertifikate
- \* Tydelike permitaansoek
- \* Besigheidsregistrasies op Natisstelsel
- \* Maak van nommerplate

### GERIEFLIK VIR JOU!

Ons kom haal (Onverwacht & Ellisras) gaan doen en besorg terug aan jou.

Kontak:  
Antoinette  
084 582 1905

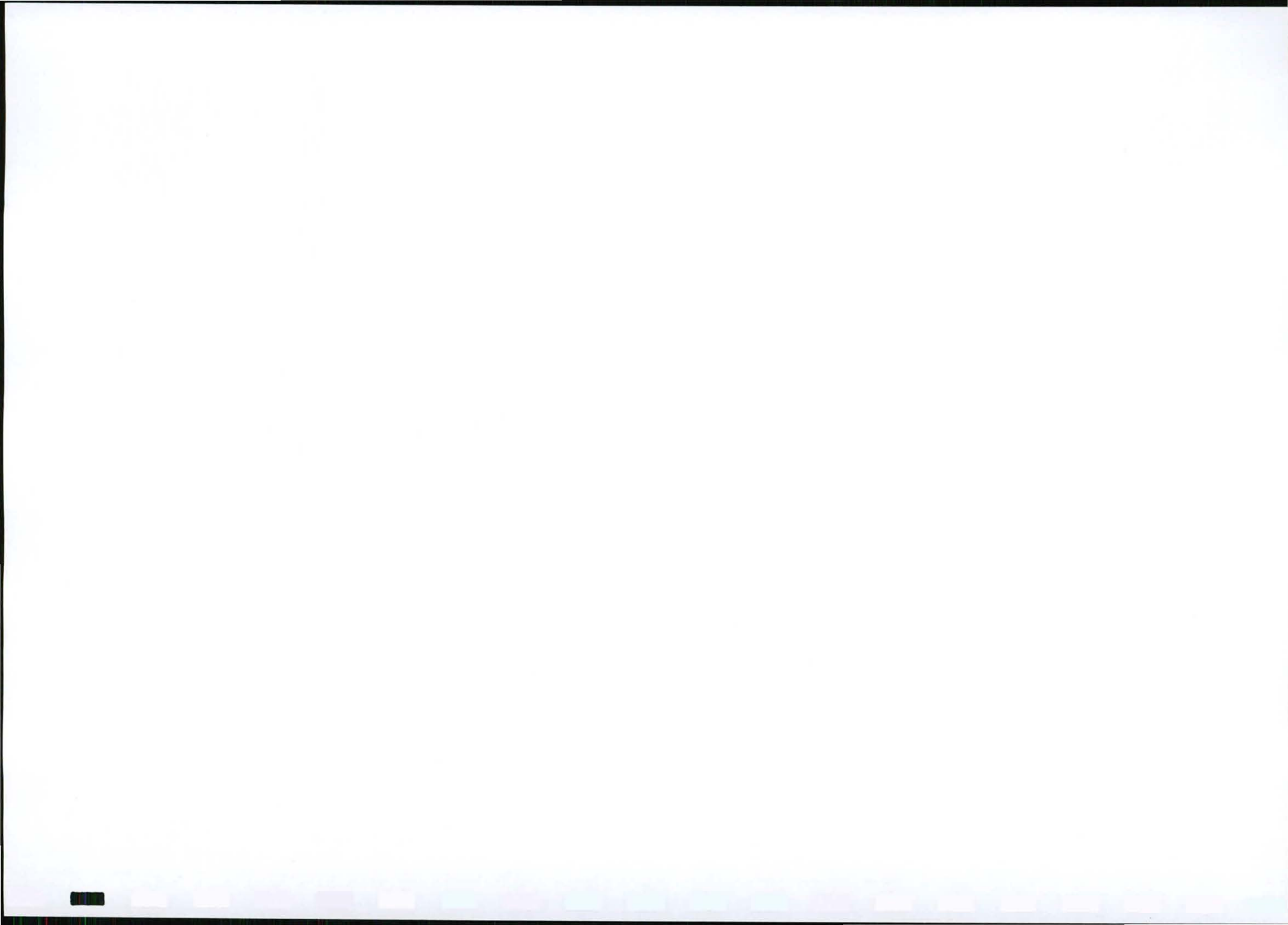


## KINGS COLLEGE

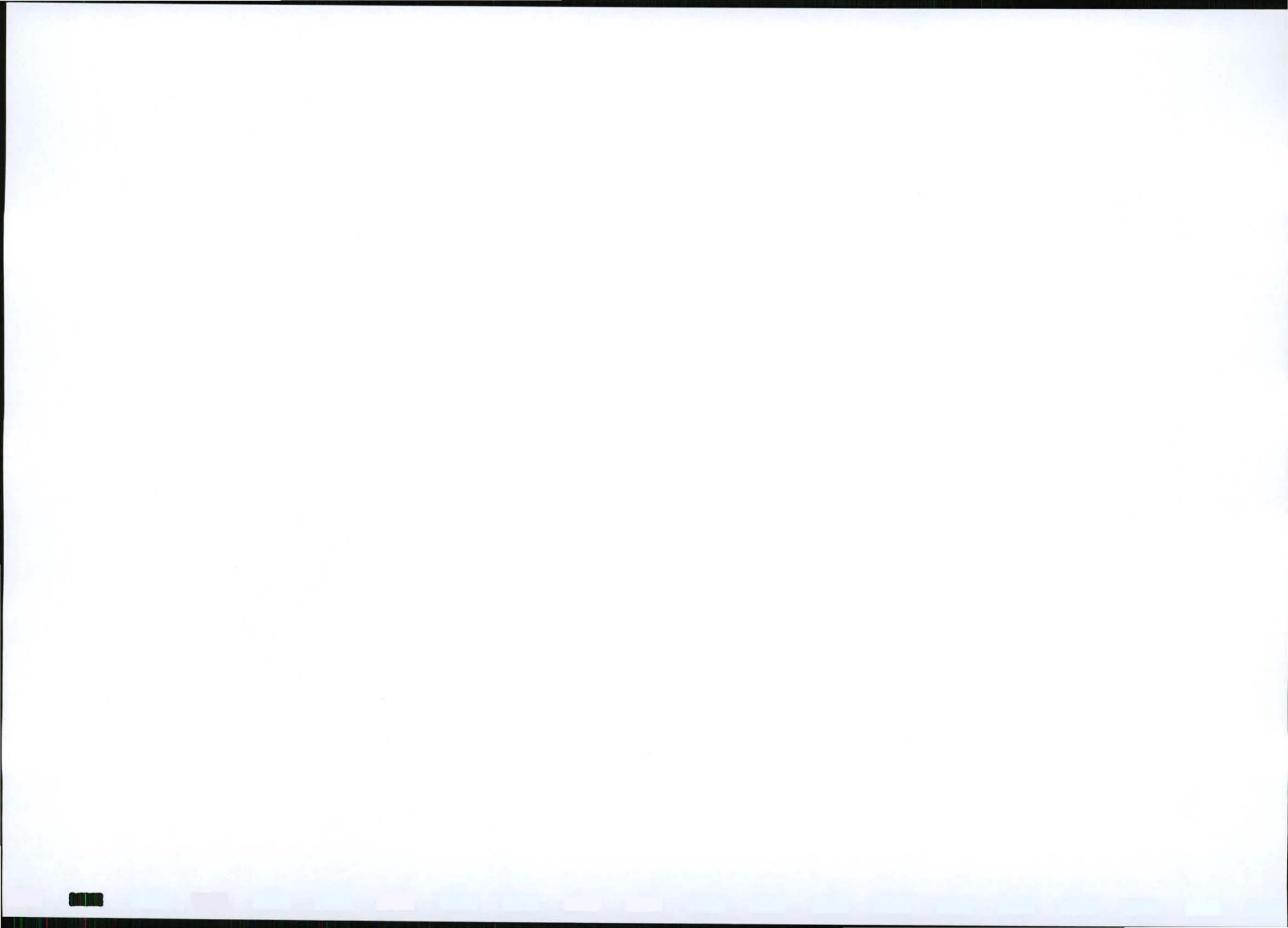
CHRISTIAN SCHOOL AND  
PRE-SCHOOL  
TEL. 014 763 4162



"SNORKELLING"



March 2011



**Omgewingsimpakstudie (OIS), Omgewingsbestuursplan (OBP), Geïntegreerde Water Gebruiks Lisensie wysiging, Atmosferiese Vrystellings Lisensie en Afvalbestuur Lisensie aansoeke vir die Uitbreiding van die Sintel aanleg, die ontwikkeling van 'n kooks vervaardiging kompleks en 'n 120 MW elektrisiteit opwekkeings aanleg by die Grootegeluk Myn, Lephale**

Exxaro Resources (Edms) Bpk en Exxaro Energy (Edms) Bpk wil hulle aanleg uitbrei op die Grootegeluk Steenkool Myn, op die plaas Daarby 458 LQ naby Lephale (Ellisras) in die Limpopo Provinsie. Exxaro Resources wil hul bedrywighede uitbrei en die aantal retorte by die bestaande Sintel aanleg vanaf 4 verhoog tot 'n maksimum van 12. Die uitbreiding sal dus behels die konstruksie van 'n byna identiese aanleg aan die huidige Sintel aanleg en sal aangrensend geleë wees. Exxaro beoog ook om 'n kooks vervaardiging kompleks met 'n 120 MW elektrisiteit aanleg by die myn te ontwikkel. Die kompleks is tans beplan om uit 120 kooks oond stasies en 'n 120 MW elektrisiteit opwekkeings aanleg te bestaan. Die kompleks sal ook geleë wees naby die bestaande Sintel aanleg.

Synergistics Environmental Services is aangestel as die onafhanklike omgewingskonsultante vir die onderneming van omgewingsmagtigings wat verband hou met die projek.

Kennis word hiermee gegee in terme van die volgende wetgewing, kennis dat aansoeke vir omgewingsmagtiging sal voorgelê word aan die betrokke owerhede:

- Die Wet op Nasionale Omgewingsbestuur (Nr. 107 van 1998) (NEMA);
- Die Minerale en Petroleum Hulpbronne Ontwikkelings Wet (Nr. 28 van 2002);
- Die Nasionale Water Wet (Nr. 36 van 1998);
- Die Nasionale Omgewingsbestuur Lugkwaliteit Wet (Nr. 39 van 2004); en
- Die Nasionale Omgewingsbestuur: Afval Wet (Nr. 59 van 2008).

Aansoek vir omgewings goedkeuring van die projek behels die volgende:

- 'n OIS wat aan die Limpopo Departement van Ekonomiese Ontwikkeling, Omgewing en Toerisme (LDEOOT) ingedien word vir aktiwiteite wat in terme van die OIS-regulasies kragtens die NEMA vermeld word;
- 'n OBP wat aan die Limpopo Departement van Minerale Hulpbronne vir goedkeuring voorgelê moet word;
- 'n Wysiging van die Geïntegreerde Water Gebruik Lisensie aansoek sal voorgelê word aan die Departement van Waterwese;
- 'n Wysiging van die lugbesoedeling beheer sertifikaat moet voorgelê word aan LDEOOT, en
- 'n Afvalbestuur lisensie aansoek sal voorgelê word aan die afvalbestuurs afdeling van die Departement van Omgewingsake.

As U graag as 'n Belanghebbende en Geaffekteerde Party (BGP) wil registreer vir hierdie projekte, stuur U naam en besonderhede aan die kontak hieronder:

Shelley Holt  
Synergistics Environmental Services  
Tel: (011) 807 8225  
Faks: (011) 807 8226  
Epos: shelleys@synergistics.co.za  
Pos: P O Box 1822, Rivonia, 2128



Registreer asseblief as 'n BGP om verdere korrespondensie te ontvang. Alle kommentaar moet ons bereik op 1 April 2011.

'n Inligtings vergadering sal gehou word vir BGPs om verdere besonderhede oor die projek te kry.

**Uitnodiging om 'n Inligtings Vergadering by te woon**

**Plek: Mogol Club, Lephale**  
**Datum: Donderdag 17 Maart 2011**  
**Tyd: 17:00 – 19:00pm**





## **Environmental Impact Assessment (EIA), Environmental Management Programme (EMP), Integrated Water Use License (IWULA) Amendment, Atmospheric Emissions License (AEL) and Waste Management License for the Expansion of the Char Plant and construction of a Coke and Co-generation Plant at Grootegeluk Mine, Lephalale**

Exxaro Resources (Pty) Ltd and Exxaro Energy (Pty) Ltd would like to expand their operations at Grootegeluk Mine which is located on the farm Daarby 458 LQ in Lephalale (Ellisras). The number of retorts at the existing Char Plant will be increased from 4 to a maximum of 12. The expansion would therefore involve the construction of an almost identical plant to the existing Char Plant and would be located adjacent to it. Exxaro would also like to develop a Coke Manufacturing Complex with an electricity Co-generation Plant near the Char Plant. This complex will consist of 120 Coke Oven Batteries and a 120 MW Electricity Generation Plant.

Synergistics Environmental Services has been appointed as the independent environmental consultants and will be undertaking the environmental authorisations associated with the project.

Notice is hereby given in terms of the following legislation, that applications for environmental authorisation will be submitted to the relevant government authorities:

- The National Environmental Management Act (No. 107 of 1998) (NEMA);
- The Mineral and Petroleum Resources Development Act (No. 28 of 2002);
- The National Water Act (No. 36 of 1998);
- The National Environmental Air Quality Act (Act No. 39 of 2004); and
- The National Environmental Management: Waste Act (No. 59 of 2008).

There will be five key deliverables for the projects, each of which will be submitted to the relevant government department for authorisation. These are:

- An EIA which will be submitted to the Limpopo Department of Economic Development, Environment and Tourism (LEDET) for activities that are listed in terms of the EIA Regulations under NEMA;
- An EMP which will be submitted to the Limpopo Department of Mineral Resources for approval;
- An amendment to the Integrated Water Use License Application will be submitted to the Department of Water Affairs;
- An amendment to the air pollution control certificate (as the process will involve activities which require an atmospheric emissions licence) will be submitted to LEDET; and
- A Waste Management License Application will be submitted to the waste management division of the Department of Environmental Affairs.

If you would like to be registered as an Interested and Affected Party (IAP) for these projects, please send your name and details to the following contact person:

Shelley Holt  
Synergistics Environmental Services  
Tel: (011) 807 8225  
Fax: (011) 807 8226  
Email: [shelley@synergistics.co.za](mailto:shelley@synergistics.co.za)  
Post: P O Box 1822, Rivonia, 2128

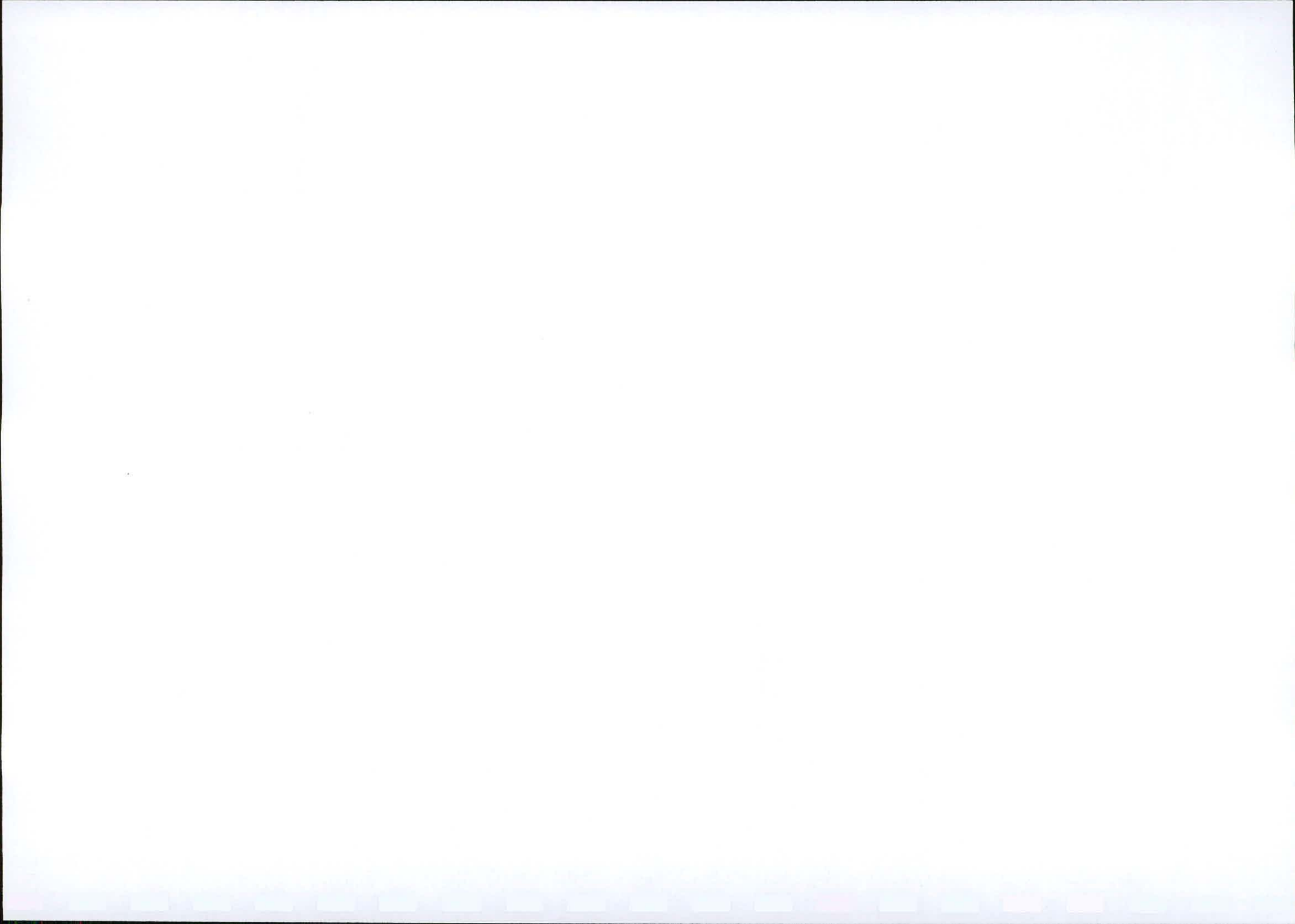


Please register as an IAP in order to receive further correspondence. All comments must reach us by 1 April 2011.

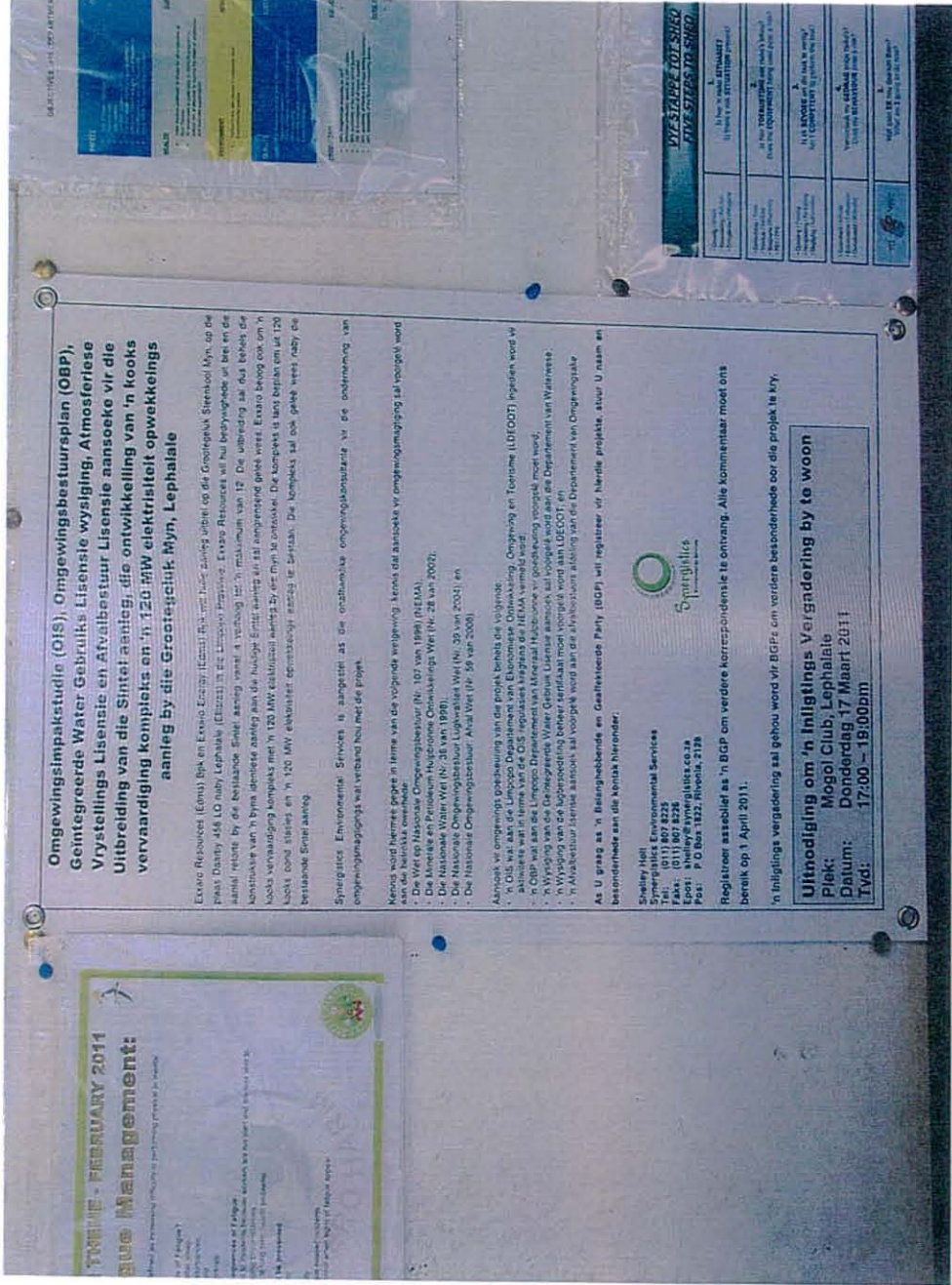
An Information Sharing Meeting will be held for IAPs to give more detailed project information. The meeting details are as follows:

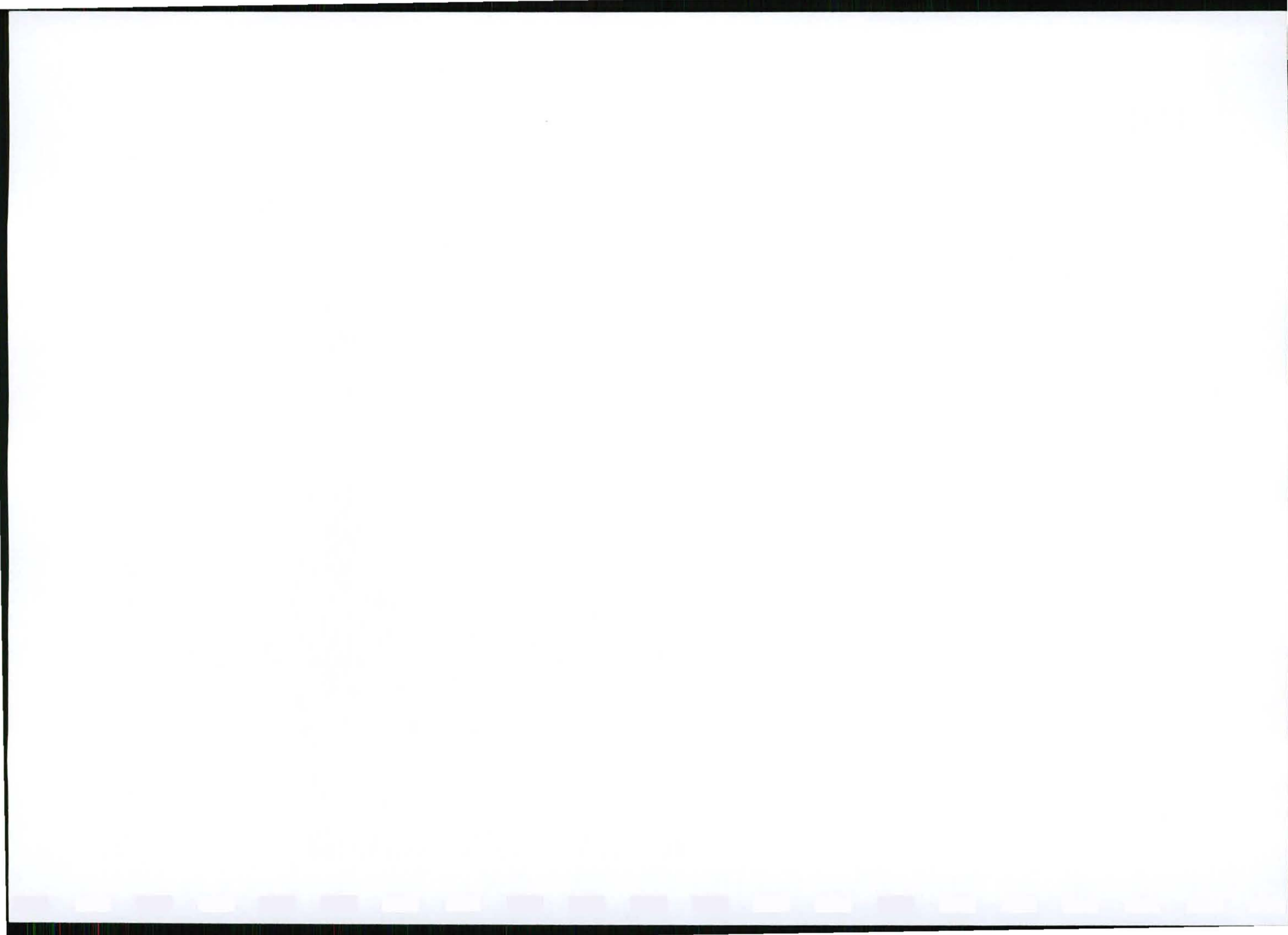
### **Invitation to Attend Information Sharing Meeting**

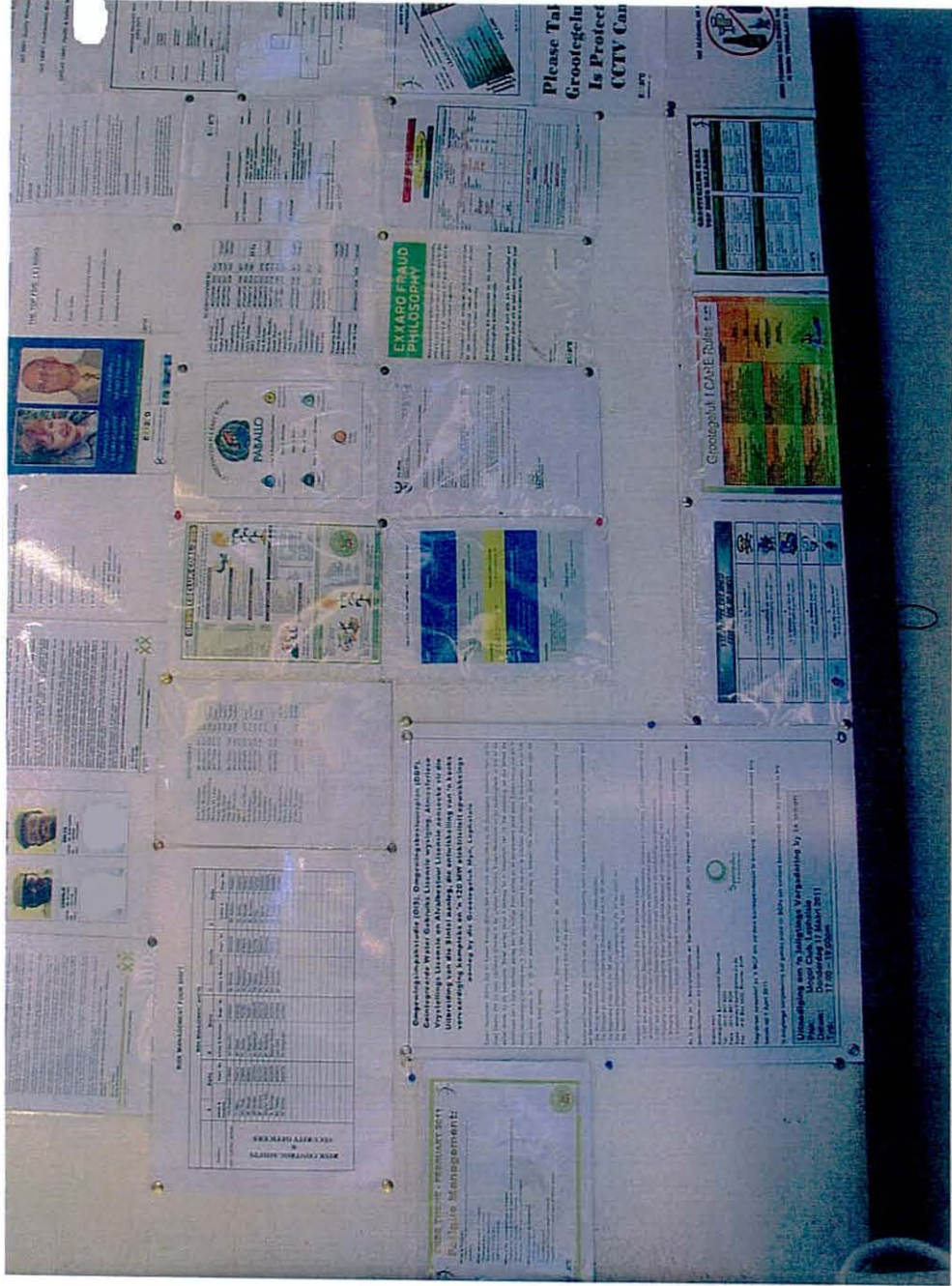
**Place: Mogol Club, Lephalale**  
**Date: Thursday 17<sup>th</sup> March 2011**  
**Time: 17:00 – 19:00pm**



Photos of site notice (March 2011) at Grootegeluk Mine Main Gate

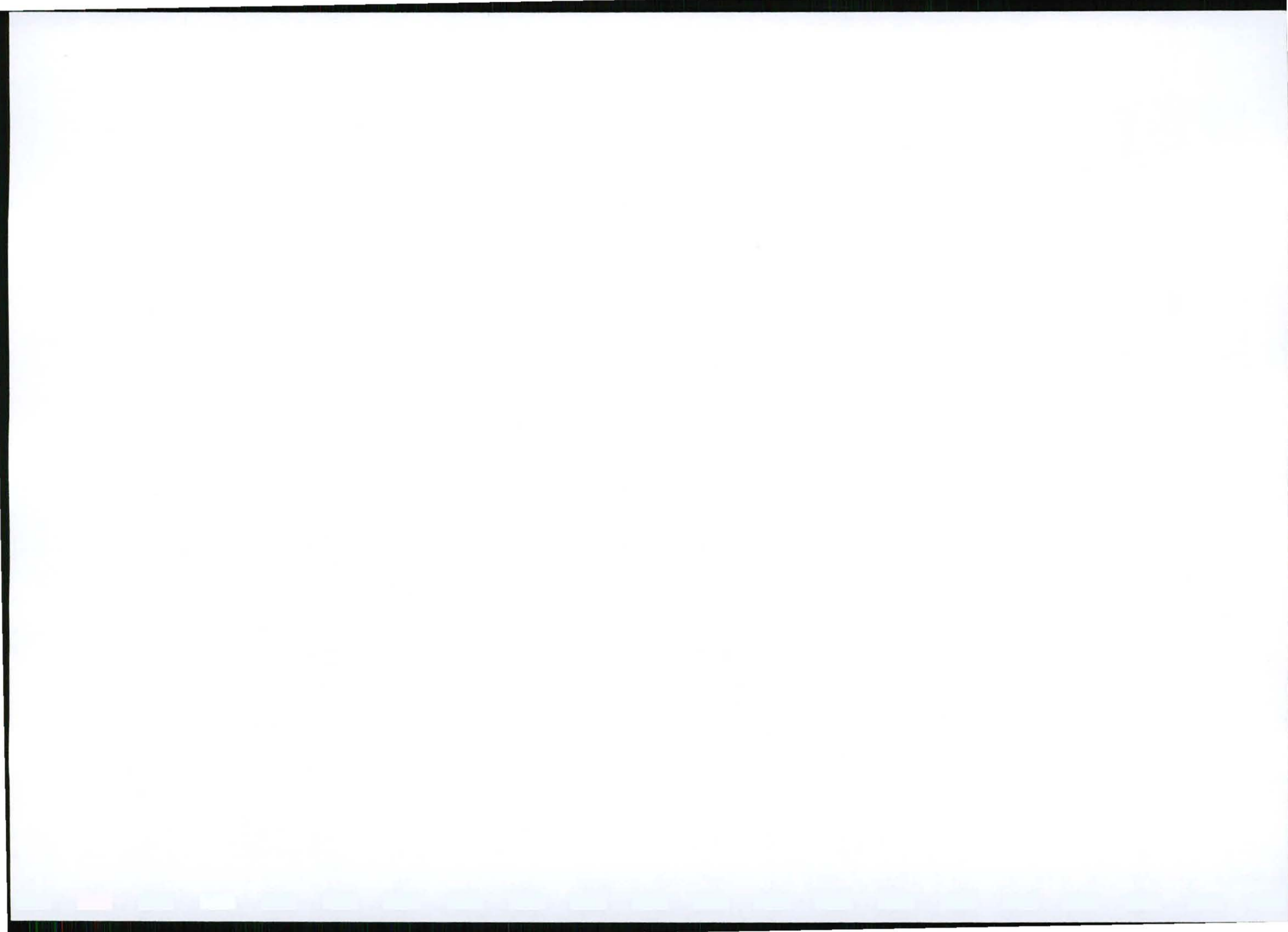


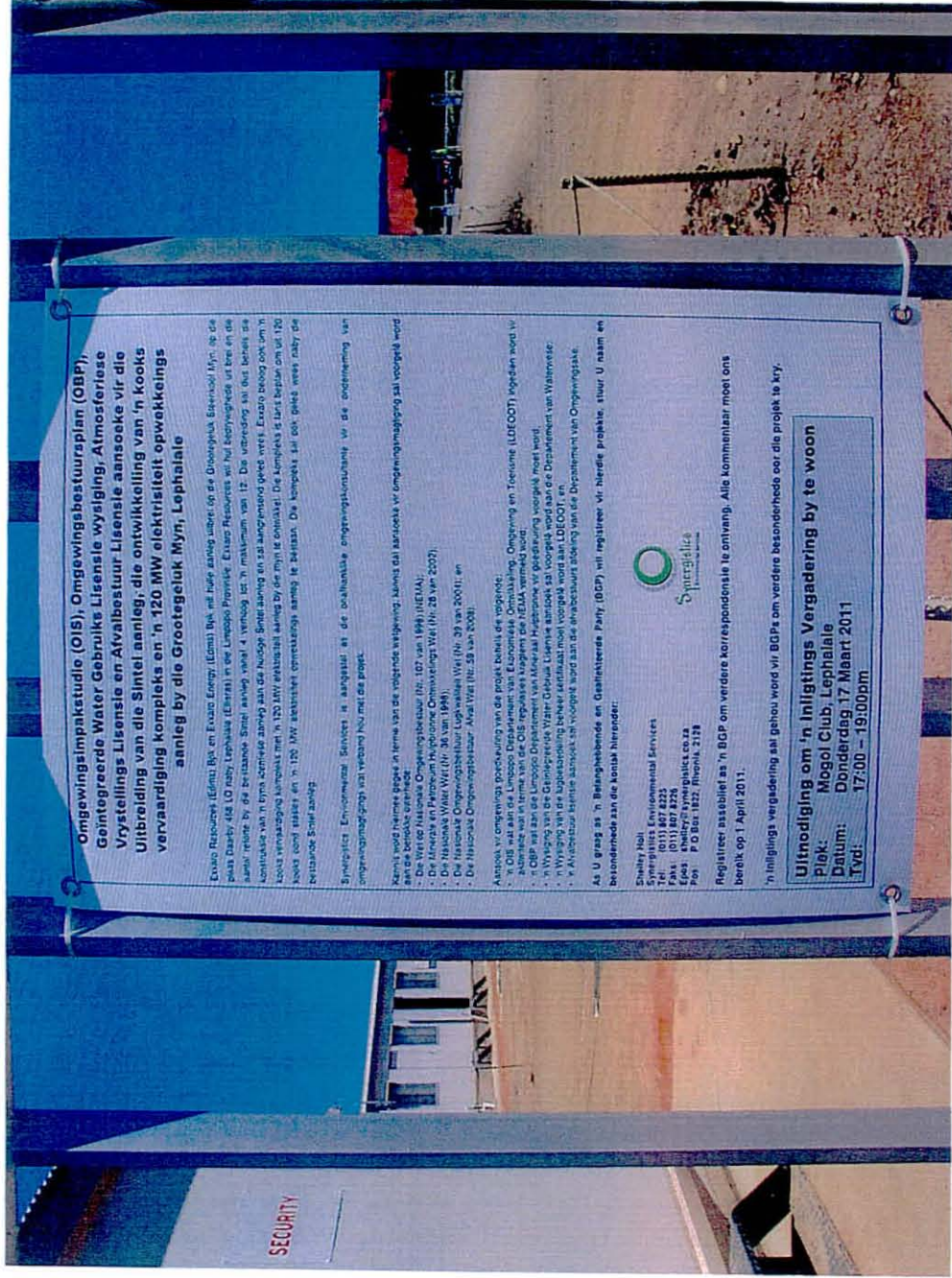




Photos of site notice at Grootegeluk Medupi Expansion Project Gate







**Omgewingsimpakstudie (OIS), Omgewingsbestuursplan (OBP),  
Geïntegreerde Water Gebruiks Lisensie wysiging, Atmosferiese  
Vrystelling Lisensie en Afvalbestuur Lisensie aansoek vir die  
Uitbreiding van die Sintel aanleg, die ontwikkeling van 'n kook-  
vervaardiging komplekse en 'n 120 MW elektrisiteit opwekkings  
aanleg by die Grootegeluk Myn, Lephalale**

Exxaro Resources (Edms) Bpk en Exxaro Energy (Edms) Bpk wil hulle aanleg uitbrei op die Grootegeluk Eksterndol Myn op die plaas Zandby 148 UD naby Lephalale (Edms) in die Limpopo Provinsie. Exxaro Resources wil hul bestaande en nuwe en die aanleg uitbrei by die bestaande Sintel aanleg vanaf 4 verskuipt tot 'n maksimum van 12. Dit beteken dat die bestaande en nuwe aanleg van 'n myn aanleg aan die huidige Sintel aanleg en 'n aanleg wat gebou word. Exxaro wil ook 'n nuwe kookvervaardiging komplekse met 'n 120 MW elektrisiteit aanleg by die myn te ontwikkel. Die komplekse is tans gebou om uit 120 kookvervaardiging aanleg en 'n 120 MW elektrisiteit aanleg te bestaan. Die komplekse sal ook gies, was, rudy en bestaande Sintel aanleg.

Synergisties Environmental Services is aangestel as die oënskynlike omgewingskontraant vir die ontwikkeling van omgewingsaangegange wat verband hou met die projek.

Kennis word hiermee gegee in terme van die volgende wettigheid. Mens is oopgesluit vir oopvragings vir voorgelegde werke.

- Die Wet op Nasionale Omgewingsbeskerming (No. 107 van 1998) (NEMA).
- Die Wet op die Milieuomgewingsbeoordelingswet (No. 25 van 2002).
- Die Nasionale Wet op die Ombudsman (No. 25 van 2002).
- Die Nasionale Omgewingsbeskerming Wet (No. 25 van 2002).
- Die Nasionale Omgewingsbeskerming Wet (No. 25 van 2002).

Aanksien vir omgewingsbeoordeling van die projek betref die volgende:

- 'n OIS wat aan die Limpopo Departement van Ekonomiese Ontwikkeling, Omgewing en Toerisme (LDEOOT) voorgeleg word vir oopvraging.
- 'n OBP wat aan die Limpopo Departement van Ekonomiese Ontwikkeling, Omgewing en Toerisme (LDEOOT) voorgeleg word.
- 'n Wysiging van die Geïntegreerde Water Gebruiks Lisensie aansoek sal voorgeleg word aan die Departement van Waterreë.
- 'n Wysiging van die Atmosferiese Water Gebruiks Lisensie aansoek sal voorgeleg word aan LDEOOT.
- 'n Afvalbestuur lisensie aansoek sal voorgeleg word aan die Infrastruktuur afdeling van die Departement van Omgewingsake.

As u graag as 'n Betreënde en Geïnteresseerde Party (GEP) wil registreer vir hierdie projekte, stuur u naam en besonderhede aan die kontak hieronder:

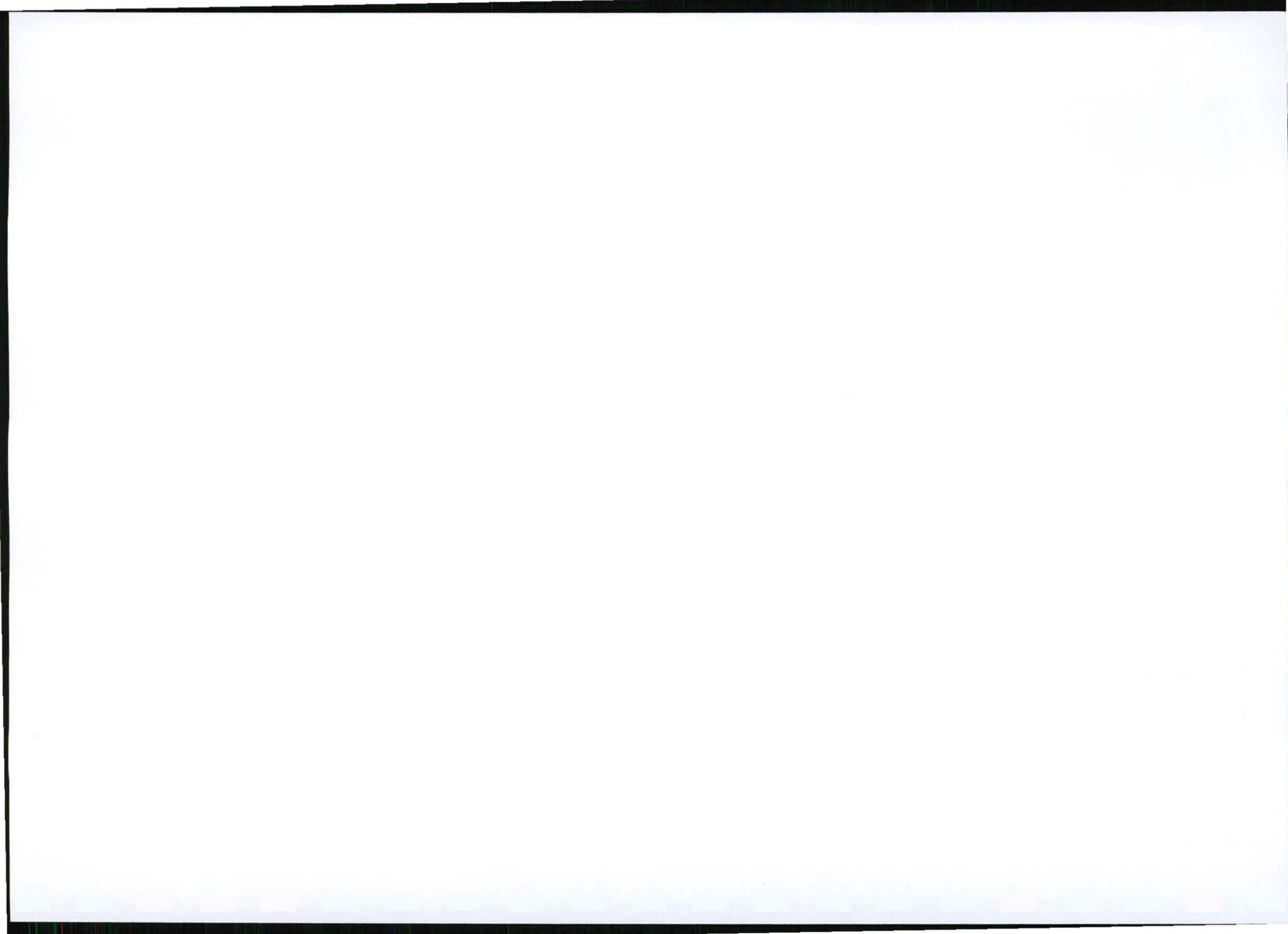
Shelley Noli  
Synergisties Environmental Services  
P.O. Box 1822, Roperia  
Fax: (011) 807 8225  
E-pos: shelley@synergistics.co.za  
Pos: P.O. Box 1822, Roperia, 2173

Registreeer asseblief as 'n GEP om verdere korrespondensie te ontvang. Alle kommentaar moet ons bereik op 1 April 2011.

'n Inligtings vergadering sal gehou word vir GEPs om verdere besonderhede oor die projek te kry.

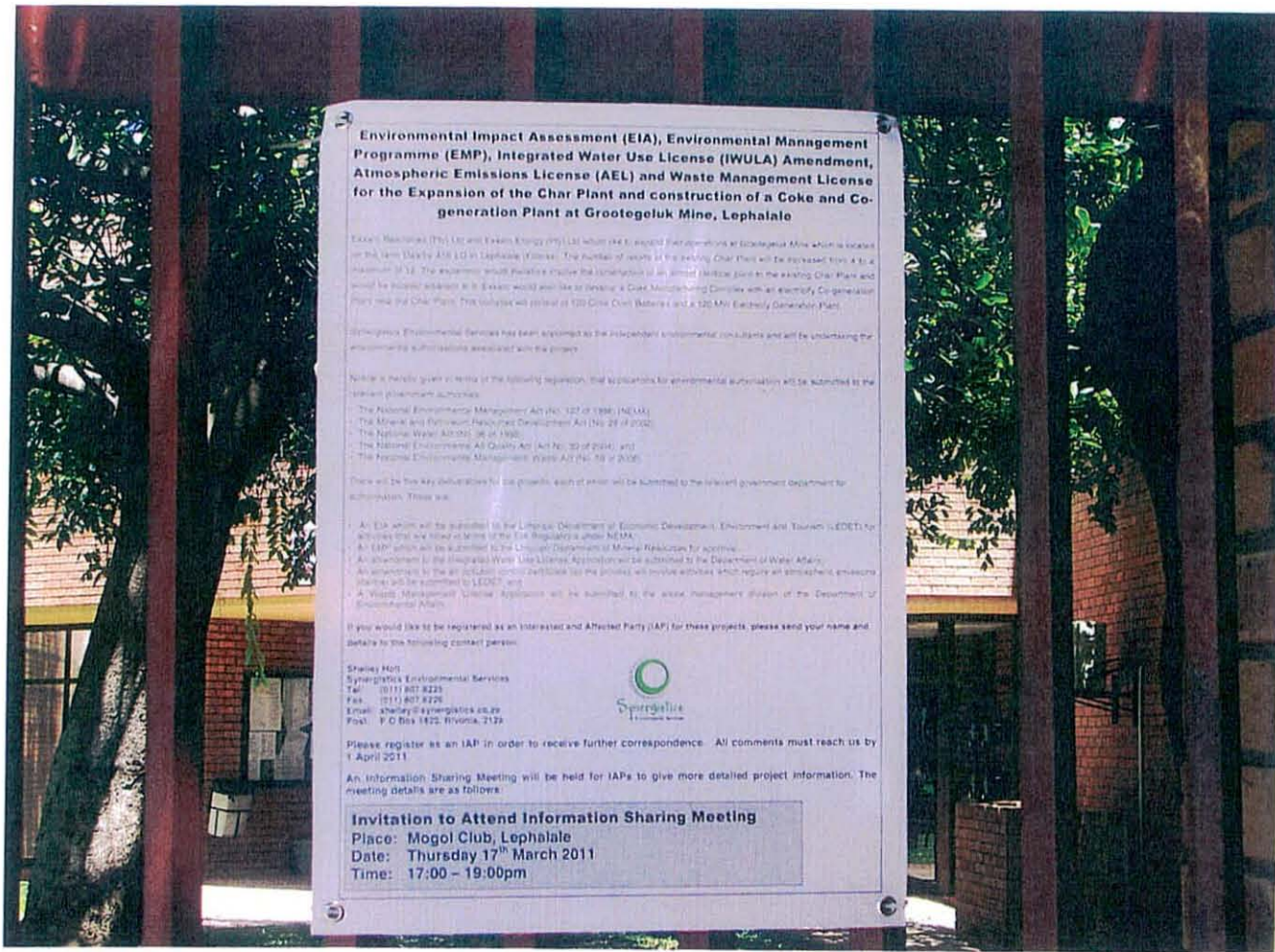
**Uitnodiging om 'n Inligtings Vergadering by te woon**  
Plek: Mogol Club, Lephalale  
Datum: Donderdag 17 Maart 2011  
Tyd: 17:00 – 19:00pm

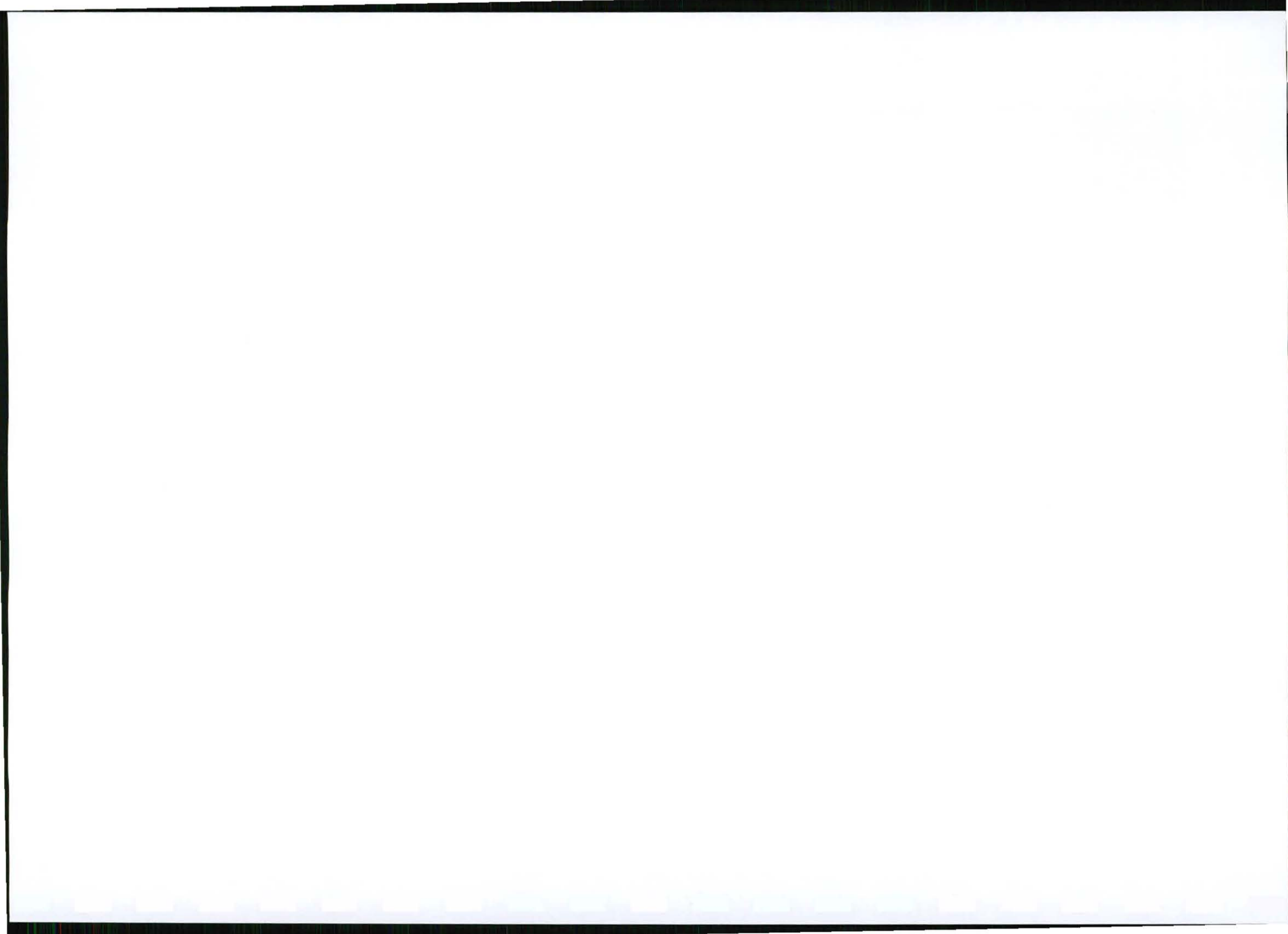




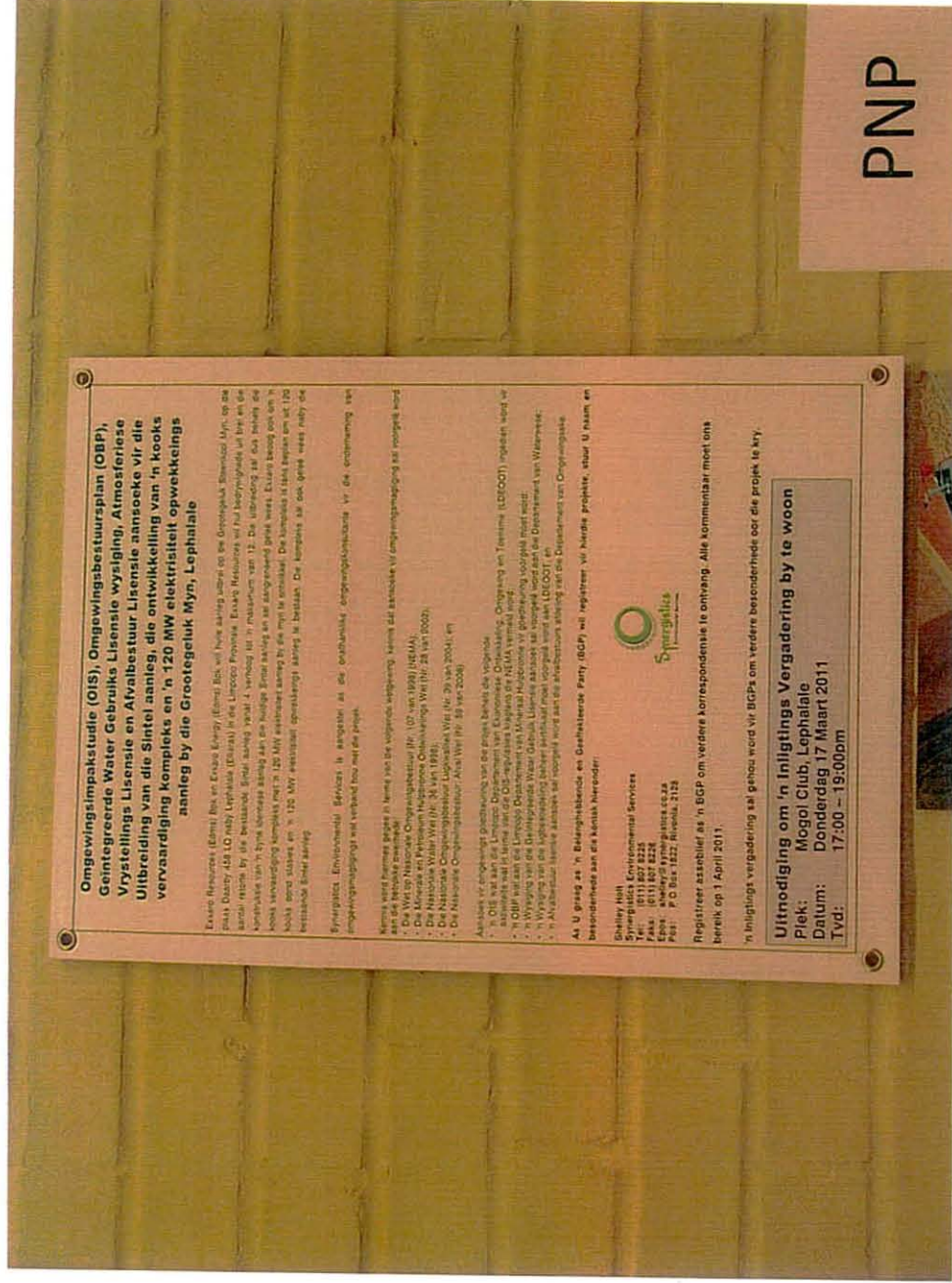


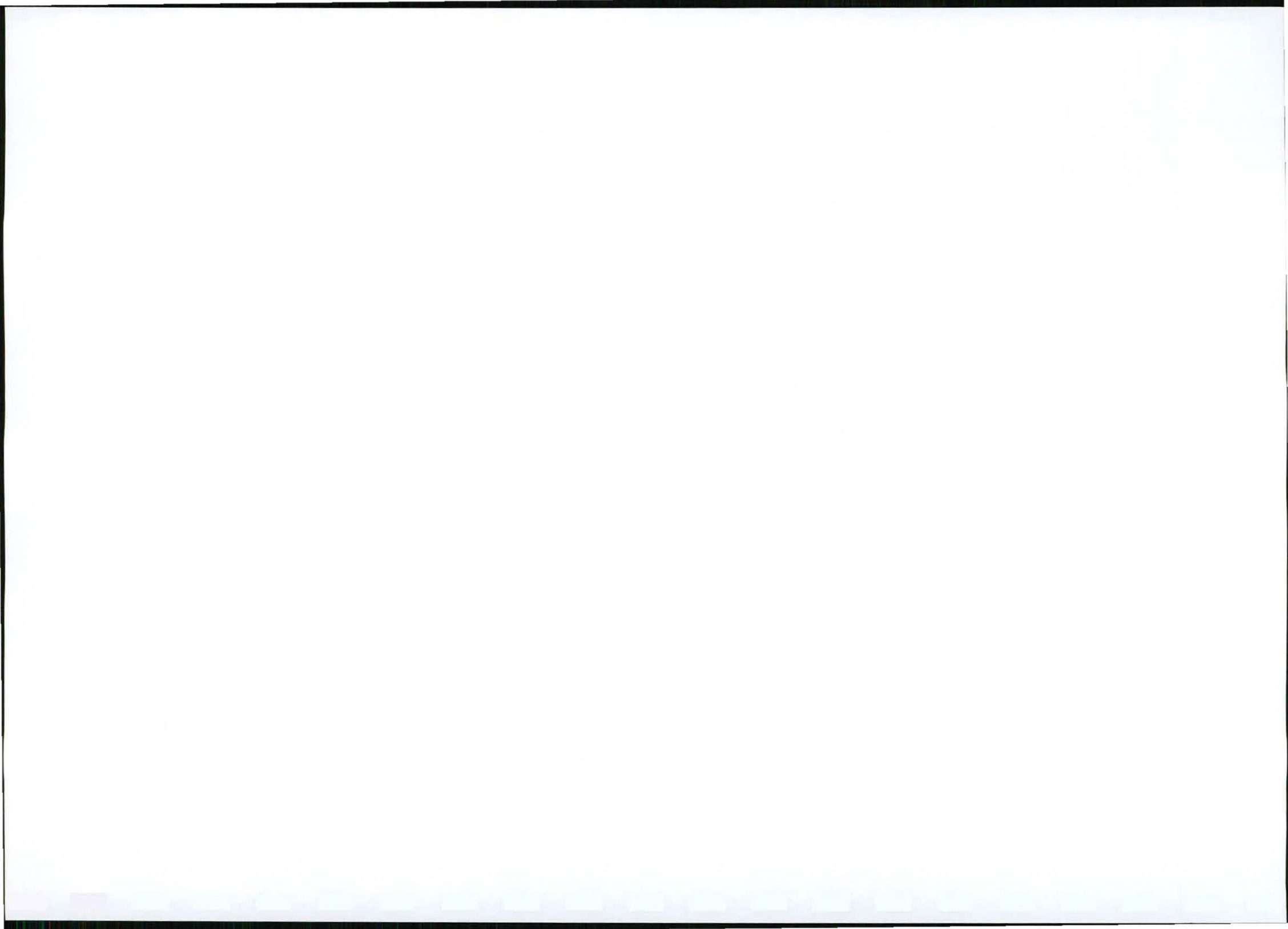
# Photos of site notice at Lephalale Local Municipality office



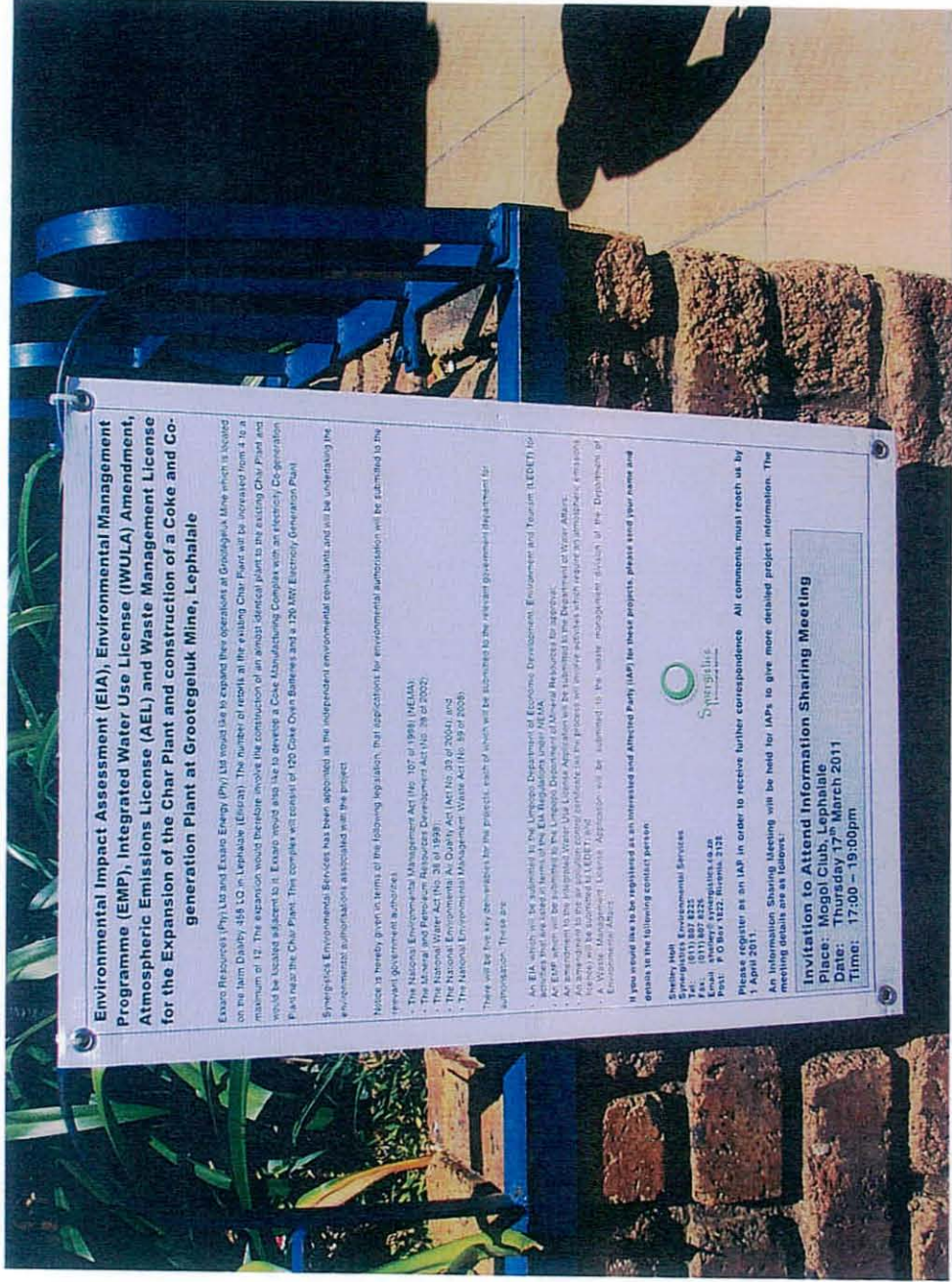


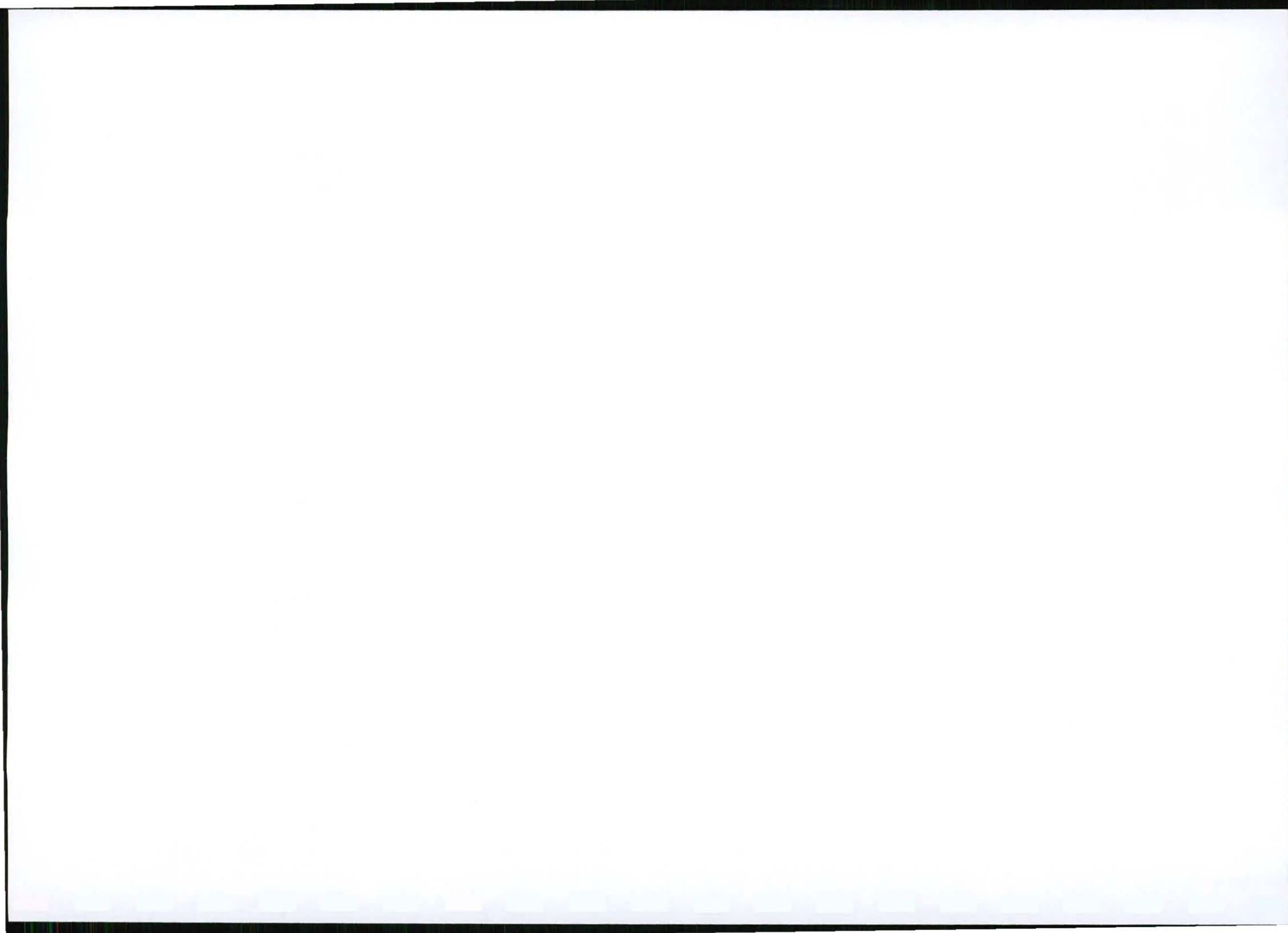
# Photos of site notice at Lephalele Pick n Pay



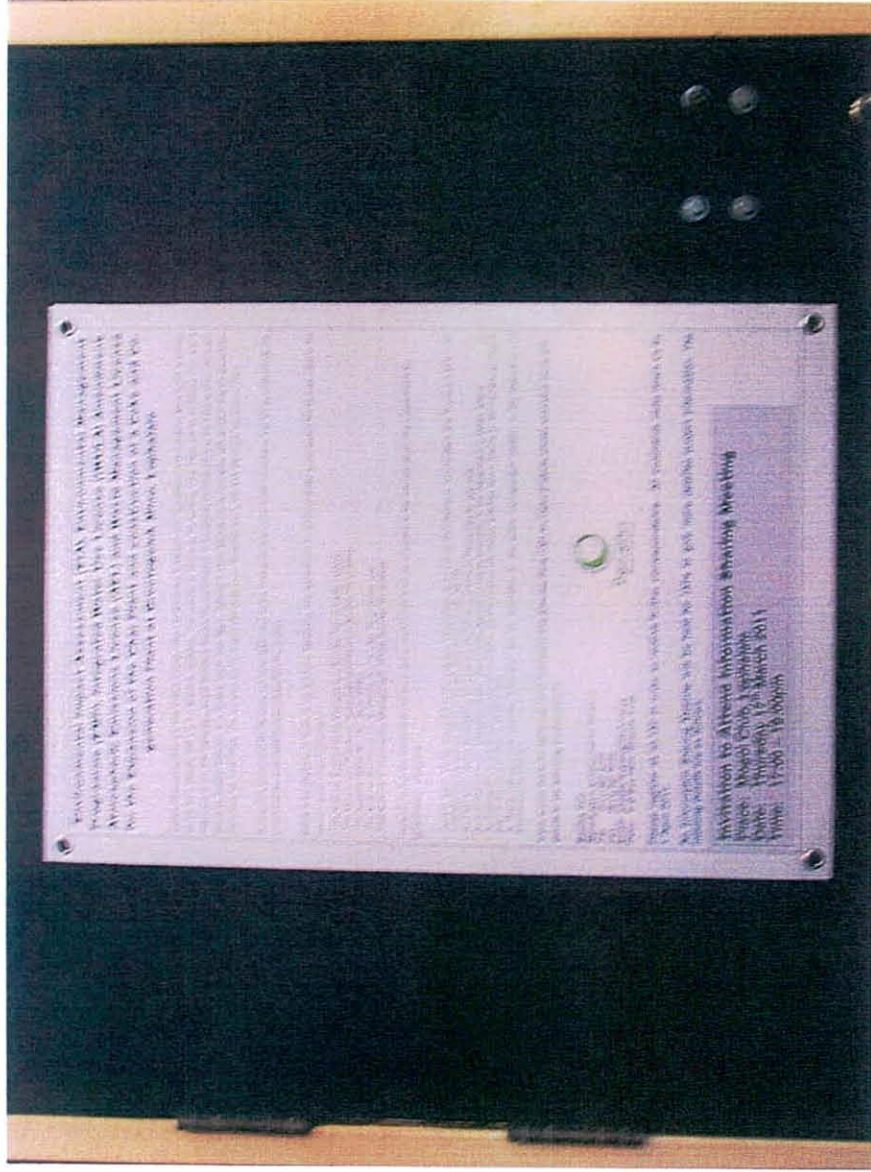


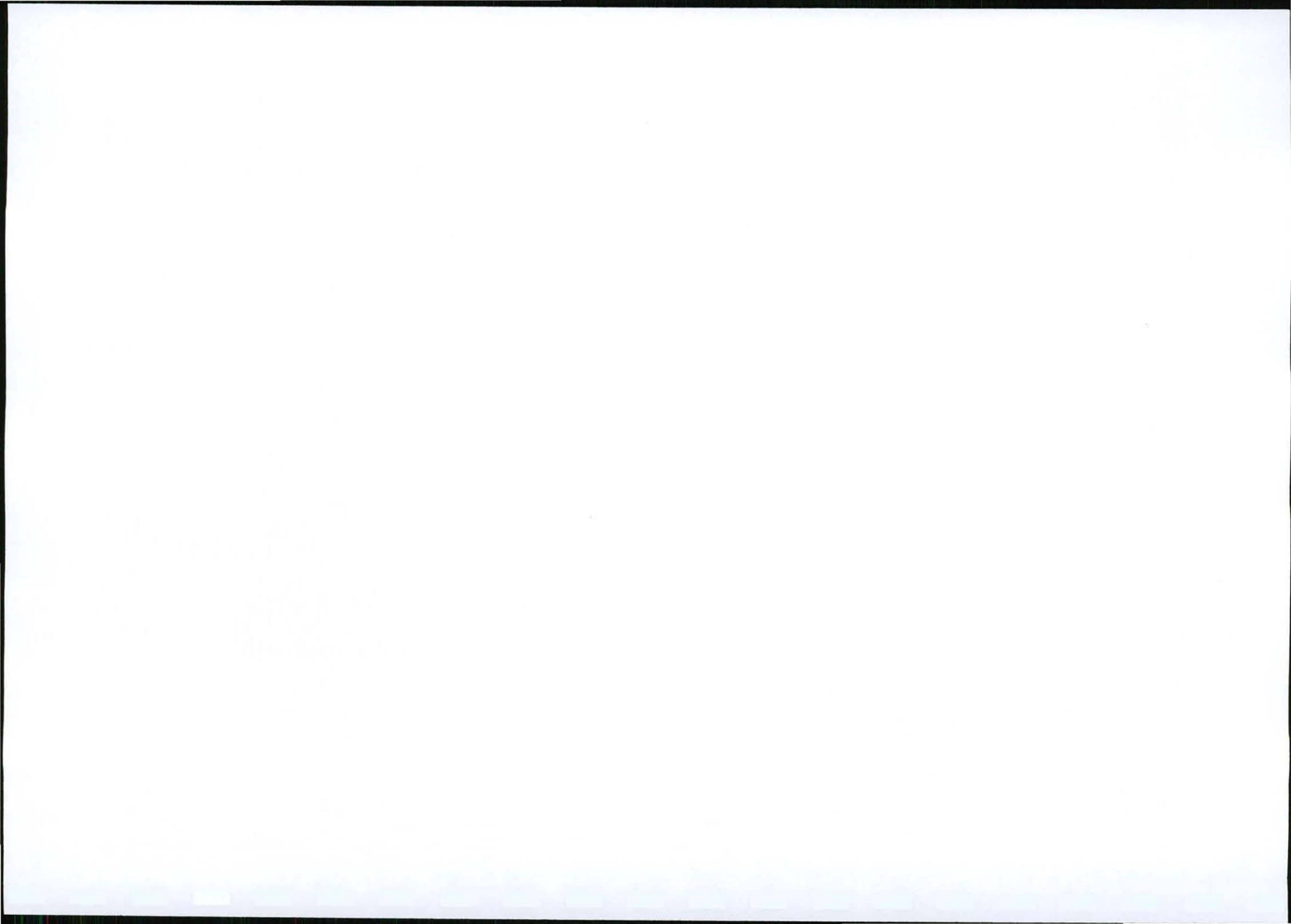
Photos of site notice at Lephale Shoprite





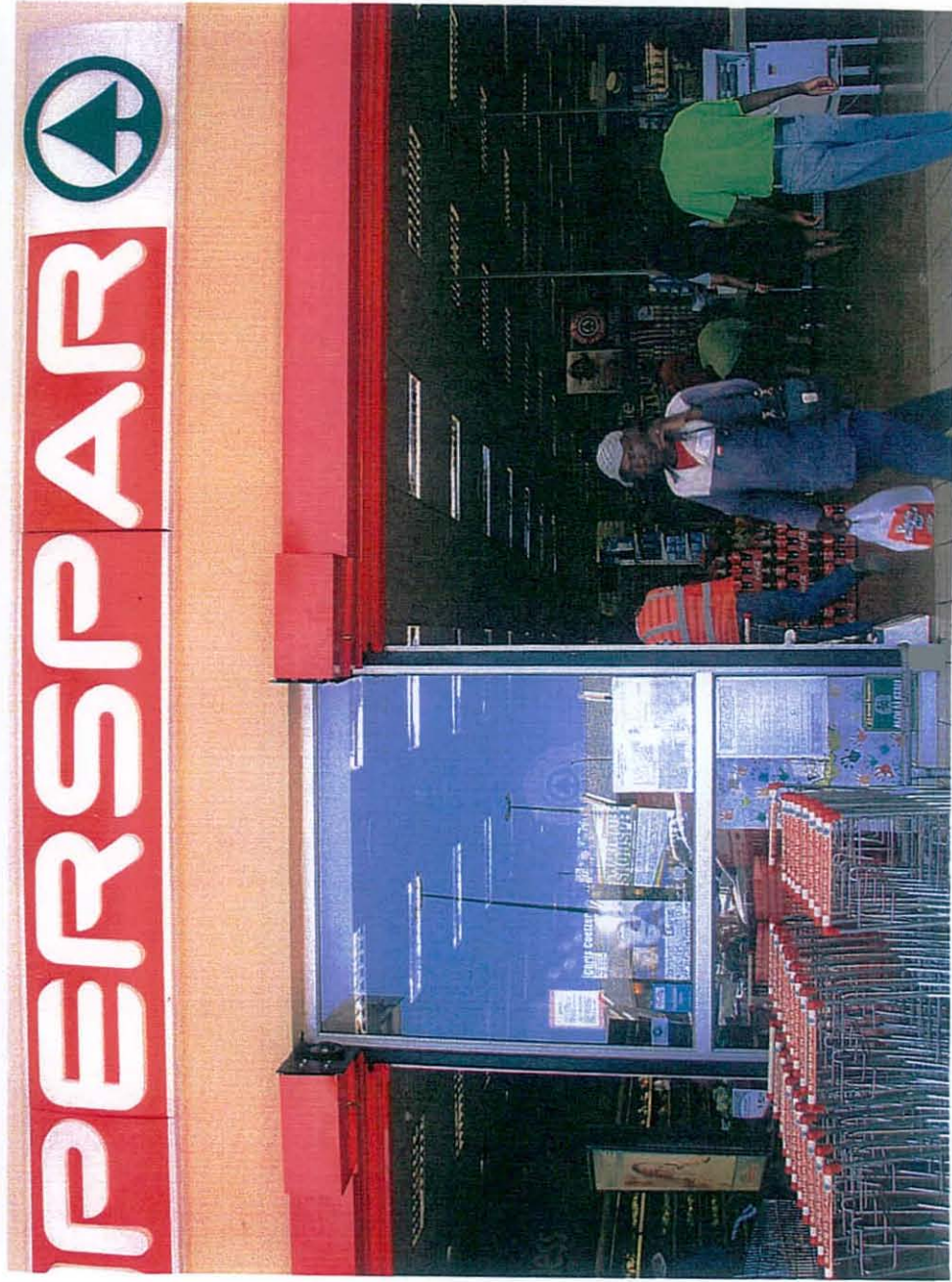
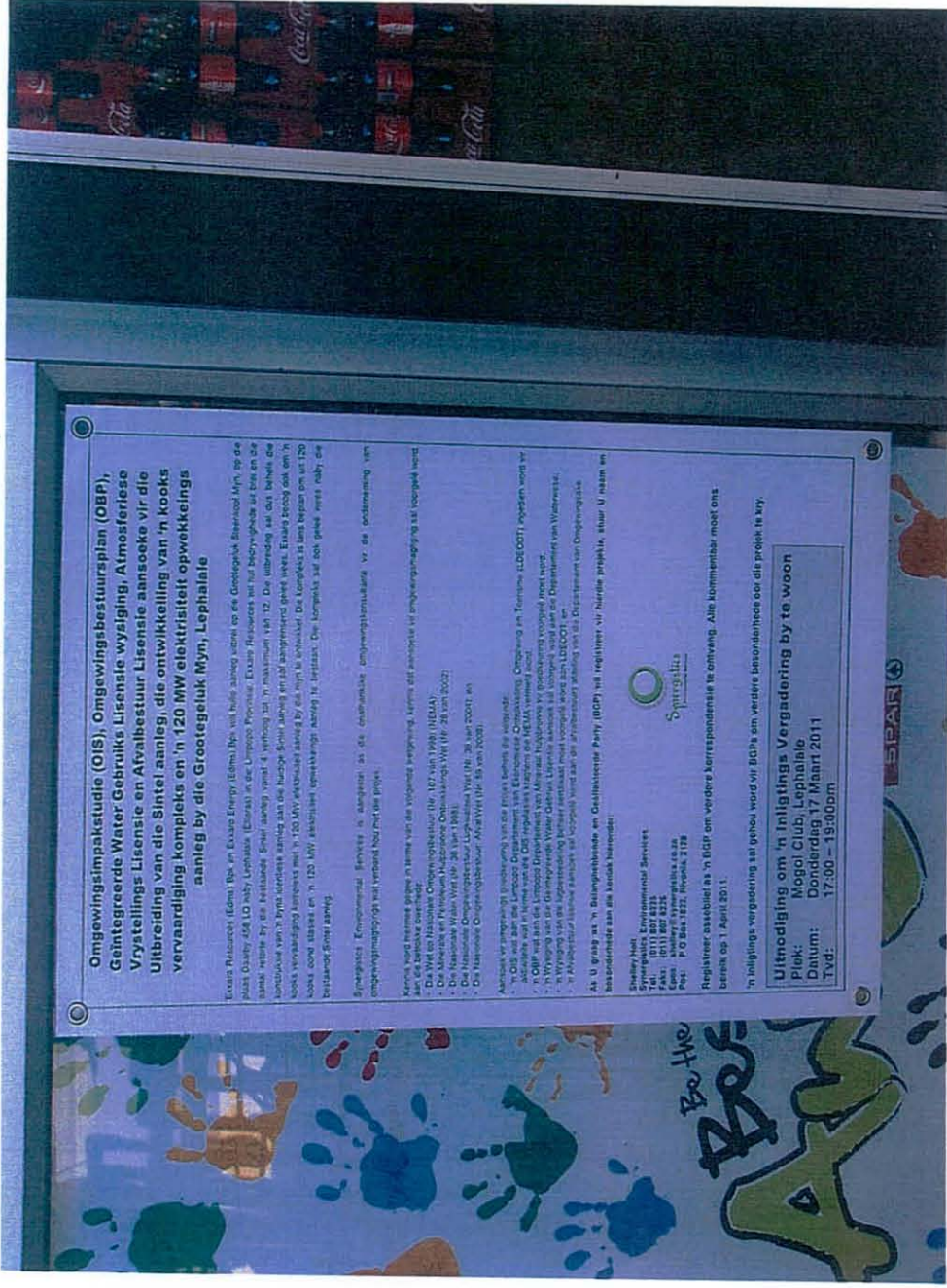
Photos of site notice at Marula Spar (Marapong)

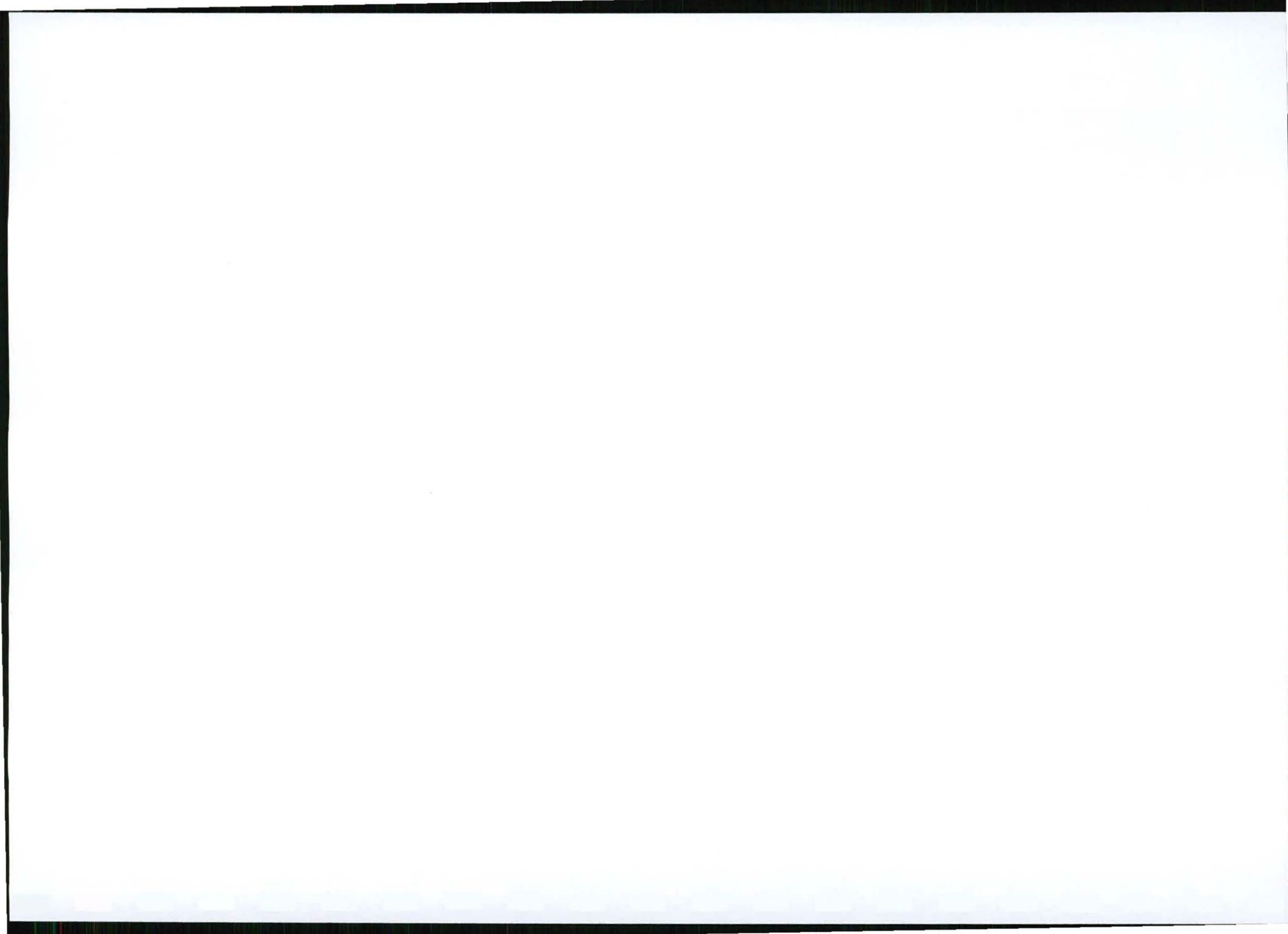




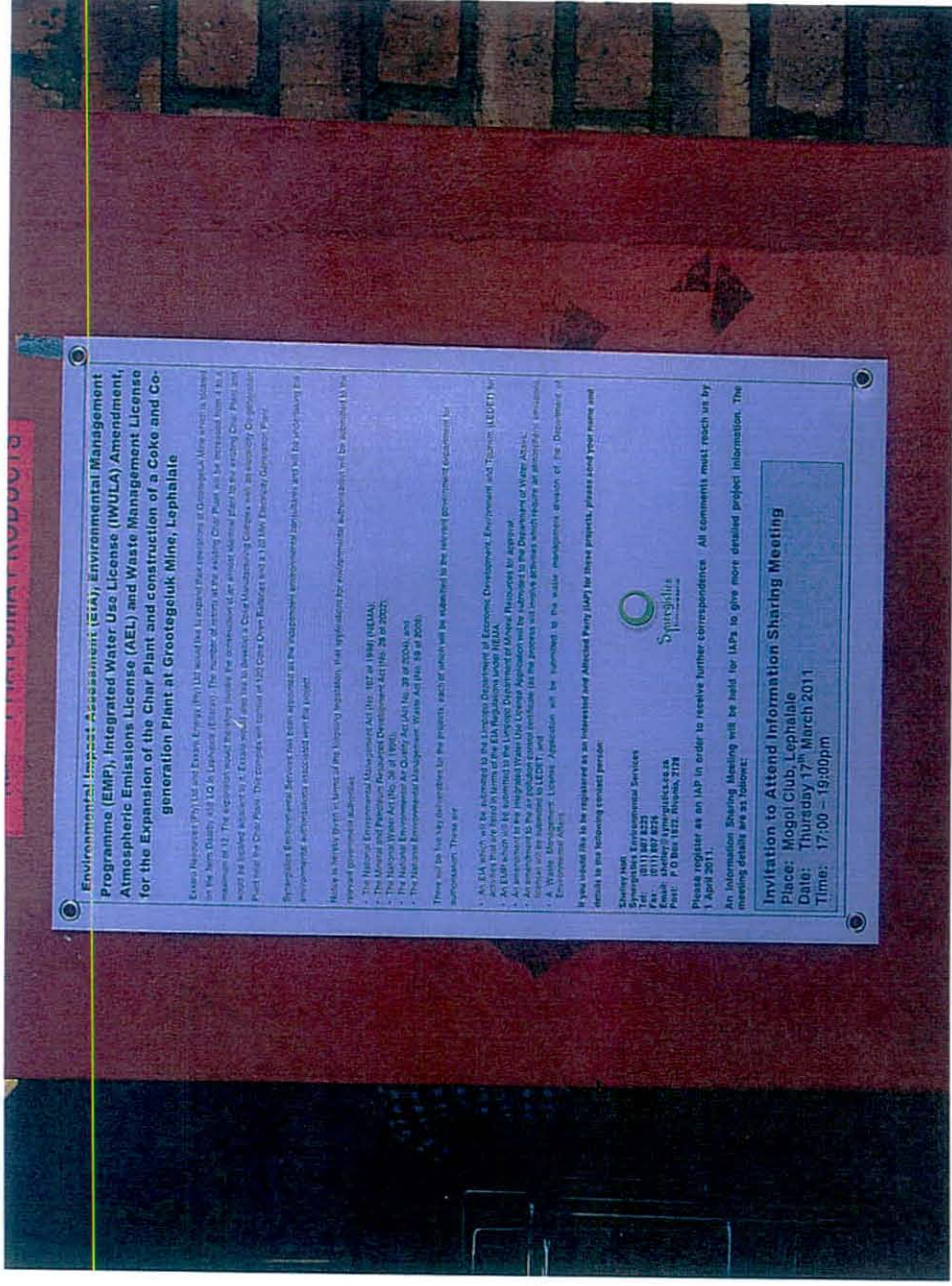


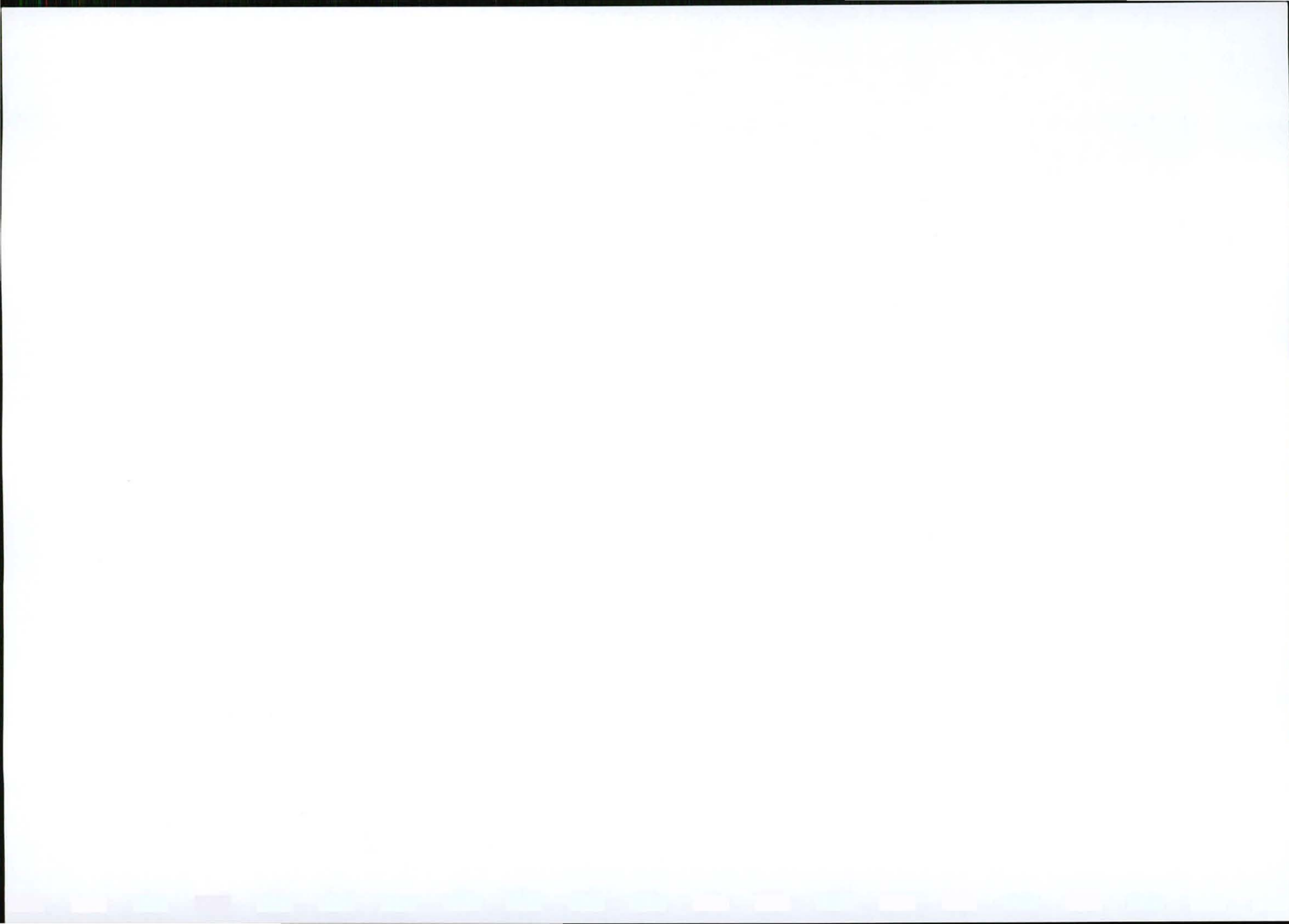
Photos of site notice at SuperSpar (Onverwacht)





Photos of site notice at Wholesale Dealer (Lephalale)





### Geen 'tannie' in sig

Die Tukkie-senter Deon Helberg tydens gisteraand se Varsitybeker-wedstryd teen die Universiteit van Johannesburg (UJ). Helberg was verlede jaar in die nuus toe me. Manda Reyneke (47) glo twee mans gehuur het om hom te vermoor. Tuks het die wedstryd op die UJ se tuiseveld met 38-23 gewen. Verslag van die wedstryd in Sport24.

Foto: HERMAN VERWEY



## Kapers bring tweejarige terug

Jacques Steenkamp

Twee kapers wat met 'n tweejarige meisietjie weggejaag het, het haar sowat 90 minute later weer op die kapingstoneel afgelaai terwyl haar ma besig was om die voorval by die polisie aan te meld.

Kapt. Godfrey Maditsi, polisie-woordvoerder, het gesê die ma het omstreeks 20:30 eergister

voor haar huis in Dawn Park, Boksburg, stilgehou toe twee gewapende mans haar oorrampel het. Hulle het op selfone en beursies aangedring, maar dit was glo in die huis.

"Die kapers het met haar silwer Toyota Yaris weggejaag terwyl die kind in die motor was. "Die ma het na die polisiekantoor, wat daar naby is, gehardloop," het Maditsi gesê.

Hy het gesê terwyl hulle by die

polisiekantoor besig was, het die kapers vermoedelik teruggekeer. Niemand het hulle gesien nie.

"Polisielede wat die gebied patrolleer het, het die kind omstreeks 22:00 voor haar ouerhuis se hek gevind.

"Sy het op die grond gesit en nie gehuil nie. Sy is ook nie be-seer nie," het Maditsi gesê.

Niemand is nog gearrester en nie in die polisie ondersoek die kaping.

## 'Liggaam mag nie oor geloof sê'

Antoinette Pienaar

Die Christ Embassy-kerk in Randburg het aangedui hulle gaan appelleer teen 'n beslissing van die Gesagsliggaam vir Reklamestandaarde (GRS) wat hulle verbied om geloofsgenesing te "adverteer".

Die GRS het vroeër vanjaar bevind dat die kerk se weeklikse kerkprogram op so 'n manier aangebied word dat dit as 'n advertensie beskou kan word.

Die bewering dat die kerk 'n "produkt, diens of raad" verskaf wat glo siektes kan genees, oortree volgens die GRS wetgewing wat bepaal adverteerders moet eers hul aansprake by die Suid-Afrikaanse Medisynebeheerraad registreer.

Mnr. Nathan Geffen van die TAC het die klag aanhangig gemaak ná die dood van 'n vrou wat glo haar medikasie teen tuberkulose gestaak het omdat sy geglo het sy is tydens 'n kerkdienste van die siekte genees.

Die kerk ontken steeds sy program was 'n advertensie, dat hy mediese behandeling bemark of dat hul programme mense aanmoedig om hul mediese behandeling te staak.

Die groep meen Suid-Afrikaneers het die reg tot geloof en dat dit nie die GRS se plek is om aan mense voor te skryf wat hulle moet glo nie en of hulle in wonderwerke mag glo nie.

Sowat 7 000 mense woon glo die kerk se dienste in Randburg by.

# Weduwee in hof ná 'roof'

## 'As vrou toerusting gee, is sy skuldig'

Hanti Otto

As die weduwee van 'n lid van die nasionale intervensie-eenheid wel haar man se polisie-toerusting aan haar medeskuldigde verskaf het, kan sy dalk net so skuldig wees soos hy.

Dit was een van die redes waarom landdros Rheki Ntshinela eister in

**SMS Beeld met nuus na 32515**

Begin boodskaps met 'Wenk' SANS se kan net 160 karakters lang wees



word om die klagte te bepaal," het hy gesê.

De Bruin, Nel en die tiener is Vrydagaand gearrester ná 'n beweerde mislukte rooftog by die Jonkop's Pub

sluk en met sy getatoeëerde arms aan die rand van die beskuldigdebank vasgehou.

Poo het gesê die tiener was, volgens sy ma, by 'n plastiese chirurg en kon daarom nie by die hof wees nie.

"Dit blyk dat hy aangerand is tydens die arrestasie," het Poo gesê.

Die aanklaer het gesê dit word beweerd dat die drie beskuldigdes die kneep binnegestorm het 'n Veilige

TEATERS

your happy place

NORTHGATE		WONDERPARK		STERLANO		MELLSVILLE		CENTURION CENTRAL			
<b>3DCINEMA</b> TANGLED 3D 12:00, 14:30, 17:00, 19:30 THE DILEMMA 12:00, 14:30, 17:00, 19:30 BIG MOMMAS: LIKE FATHER, LIKE SON 12:00, 14:30, 17:00, 19:30 HOW DO YOU KNOW? 12:00, 14:30, 17:00, 19:30 MORNING GLORY 12:00, 14:30, 17:00, 19:30 THE NEXT THREE DAYS 12:00, 14:30, 17:00, 19:30		<b>3DCINEMA</b> TANGLED 3D 12:00, 14:30, 17:00, 19:30 THE DILEMMA 12:00, 14:30, 17:00, 19:30 BIG MOMMAS: LIKE FATHER, LIKE SON 12:00, 14:30, 17:00, 19:30 HOW DO YOU KNOW? 12:00, 14:30, 17:00, 19:30 MORNING GLORY 12:00, 14:30, 17:00, 19:30 THE TOURIST 12:00, 14:30, 17:00, 19:30		<b>3DCINEMA</b> TANGLED 3D 12:00, 14:30, 17:00, 19:30 THE DILEMMA 12:00, 14:30, 17:00, 19:30 BIG MOMMAS: LIKE FATHER, LIKE SON 12:00, 14:30, 17:00, 19:30 HOW DO YOU KNOW? 12:00, 14:30, 17:00, 19:30 MORNING GLORY 12:00, 14:30, 17:00, 19:30 LOVE & OTHER DRUGS 12:00, 14:30, 17:00, 19:30		<b>3DCINEMA</b> TANGLED 3D 12:00, 14:30, 17:00, 19:30 THE DILEMMA 12:00, 14:30, 17:00, 19:30 BIG MOMMAS: LIKE FATHER, LIKE SON 12:00, 14:30, 17:00, 19:30 HOW DO YOU KNOW? 12:00, 14:30, 17:00, 19:30 MORNING GLORY 12:00, 14:30, 17:00, 19:30 LOVE & OTHER DRUGS 12:00, 14:30, 17:00, 19:30		<b>3DCINEMA</b> TANGLED 3D 12:00, 14:30, 17:00, 19:30 THE DILEMMA 12:00, 14:30, 17:00, 19:30 BIG MOMMAS: LIKE FATHER, LIKE SON 12:00, 14:30, 17:00, 19:30 HOW DO YOU KNOW? 12:00, 14:30, 17:00, 19:30 MORNING GLORY 12:00, 14:30, 17:00, 19:30 LOVE & OTHER DRUGS 12:00, 14:30, 17:00, 19:30		<b>3DCINEMA</b> TANGLED 3D 12:00, 14:30, 17:00, 19:30 THE DILEMMA 12:00, 14:30, 17:00, 19:30 BIG MOMMAS: LIKE FATHER, LIKE SON 12:00, 14:30, 17:00, 19:30 HOW DO YOU KNOW? 12:00, 14:30, 17:00, 19:30 MORNING GLORY 12:00, 14:30, 17:00, 19:30 LOVE & OTHER DRUGS 12:00, 14:30, 17:00, 19:30	





**MARY PATRICIA RAINER**  
nee Mary Patricia  
(nee Hylton Schoonraad)  
inwoners van Limpopo se  
Departement van Waterreus  
en natuur hulpbronne en  
omgewingsake vir die  
projet te kry.

**MARY PATRICIA RAINER**  
A former school principal in the Chamber of Neatree House, Queen Wilhelmina Avenue, Waterkloof se 11:00 on Thursday 10 March 2011.

Die landdroshof in Atertidgeville, Pretoria, looggee het aan die staats verdagtes is, vir verdere ondersoek. Mv. Margarita (Liza) de Bruin (28) van Elandsport en mnr. Marthi van Nel (22) van Pretoria, wes het gestuurs, in 'n Derde verdragte, in 17 jarige seun van Elandsport, het nie verskyn nie. Mnr. Moses Poo, staatsaanklaer, het gesê die dossier is onduidelik oorenskies waarvoor die beskuldigde aangeskuldig is. "Daar moet nog verklarings bekom word. Dit word beweer dat die beskuldigde nie die vuurwapen, wat later gedig is, in die vuurgoedspuit te wees op iemand gering of iets geëls het nie.

& Grill in Hermanstad. Mnr. Abie khasana, De Bruin op staal het, volgens die aanklaer. De Bruin se oortede man se koevasie baadje, aanstelligersgetuikant en wapenske aangetal. De Bruin is dood in 'n motor buite die kintertjiek geslaag het. Mnr. Abie khasana, De Bruin op staal het, volgens die aanklaer. De Bruin se oortede man se koevasie baadje, aanstelligersgetuikant en wapenske aangetal. De Bruin is dood in 'n motor buite die kintertjiek geslaag het. Mnr. Abie khasana, De Bruin op staal het, volgens die aanklaer. De Bruin se oortede man se koevasie baadje, aanstelligersgetuikant en wapenske aangetal. De Bruin is dood in 'n motor buite die kintertjiek geslaag het.

Utnodiging om 'n Inligtingsvergadering by te woon  
Plek: Mgoal Club, Lephalale  
Datum: Donderdag 17 Maart 2011  
17:00 – 19:00

As u graag as 'n Belanghabende on Gearkteerde Party (BP) vir hierdie projekte geregtigter wil word, stuur asseblief 'n naam en besonderhede aan die kontakpersoon Departement van Omgingsake voorgelê sal word.

Daar sal vir belangrike dokumente vir die projekte wees, wat elk aan die betrokke staatsdepartement voorgelê sal word vir magtiging, naamlik:

- OIS wat aan Limpopo se Departement van Ekonomiese Ontwikkeling, Omgewing en Toerisme (LEOOT) voorgelê sal word vir aktiwiteite wat ingevolge die OIS-Regulasies kragtens die NEMA vermeld word.
- 'n BP wat aan Limpopo se Departement van Minerale hulpbronne vir goedkeuring voorgelê sal word;
- 'n Wysiging van die aansoek vir 'n Geïntegreerde Watergebruiklisensie wat aan die Departement van Waterreus voorgelê sal word;
- 'n Wysiging van die ingesondeerde beskikbaarheid wat aan LEOOT voorgelê sal word (versie word); en
- 'n aansoek vir 'n Advieslisensie wat aan die Advieskommissie van die Departement van Waterreus voorgelê sal word.

As u graag as 'n Belanghabende on Gearkteerde Party (BP) vir hierdie projekte geregtigter wil word, stuur asseblief 'n naam en besonderhede aan die kontakpersoon Departement van Omgingsake voorgelê sal word.

Registree asseblief 'n BP om verdere korrespondensie te ontvang. Alle kommentare moet ons teen 1 April 2011 bereik.

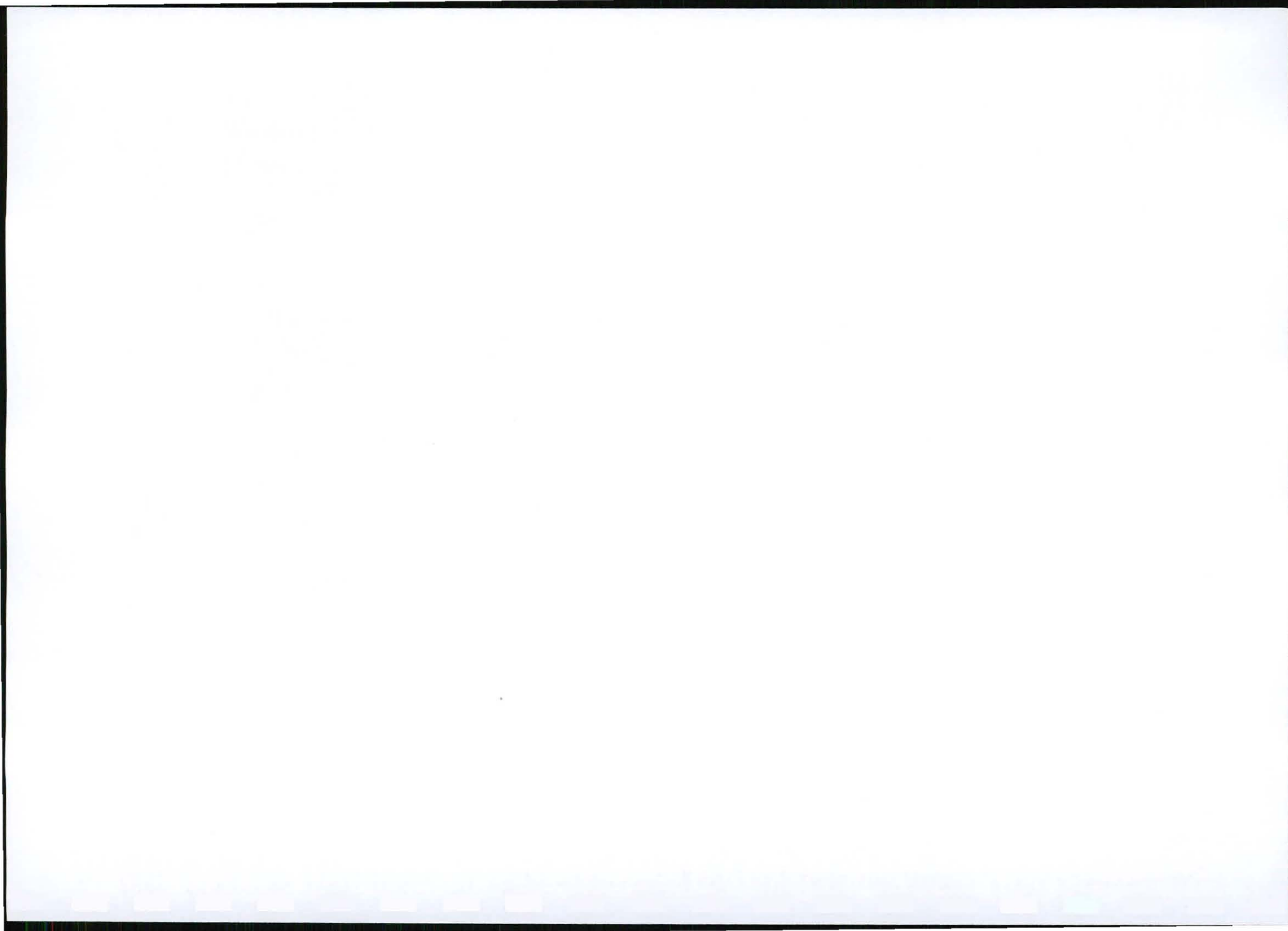
'n Inligtingsvergadering vir BP's sal gehou word om verdere besonderhede oor die projek te kry.

Tel: Shelley Holt  
Synergistics Environmental Services  
Faks: (011) 807 8226  
E-pos: shelley@synergistics.co.za  
Pobus 1822, Rivotonia, 2128

Utnodiging om 'n Inligtingsvergadering by te woon  
Plek: Mgoal Club, Lephalale  
Datum: Donderdag 17 Maart 2011  
17:00 – 19:00

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## Community involvement/Gemeenskapsbetrokkenheid

## Eloff hou leisels

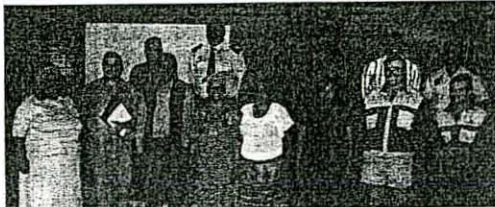


Mnr Thys Eloff, groepsvoorsitter van die Gemeenskaps Polisiëringsraad

## Ria Wells

Mnr Thys Eloff is pas herkies as die groepsvoorsitter van die Gemeenskaps Polisiëringsraad wat bestaan uit 7 wyke onder die volgende polisie-stasies: Bulgeriver, Lephale, Groblersbrug, Witpoort, Villa Nora, Tolwe en Saamboubrug. Baie geluk Thys!

Thys is ook op stasievak (Lephale) die voorsitter van die GPF. Die GPF-vergaderings word elke derde week van elke maand om 14:00 by die Mogolklub gehou en inwoners word aangemoedig om hierdie belangrike vergaderings by te woon.



Die lede van die gemeenskapsraad

(Foto's verskaf)

## Skole/Schools

## Skole/Schools



## Welkom!

Die Rassies heet hulle nuwe terreinbestuurder, oom Albert Grobler, baie welkom by Laerskool Ellisras!

## Skole/Schools

## Skole/Schools

## Bossie-atlete beïndruk



Dié atlete het deurgedring na die SA atletiek-kampioenskappe. Voor vlnr Karabo Phago, Larisa Nel en agter vlnr Schalk Erasmus en Johané Pistorius

## Skole/Schools

## Dankie

Ek wil graag vir julle vertel van naasteliefde in aksie op 'n blou Maandagoggend op pad na Vaalwater.

Ons almal probeer die "pot holes" ontduik... maar Maandagoggend was dit my beurt om 'n pap wiel te kry...

Ek sê graag dankie aan Bertus Swanevelder en die twee manne saam met hom vir die vriendelike en flinke hulp met die omruil van my motorwiel.

Die situasie langs die Vaalwaterpad was vir my baie stresvol... en die hulp het dinge sommer baie makliker gemaak! GROOT dankie Bertus! Ek waardeer dit baie! Mag die lieue Vader julle sien vir die naasteliefde in aksie!

— Barbare Dinkelman

## Corné de Swardt

Die atlete van Laerskool Bosveld Primary het die rekords weer eens laat spat tydens die afgelope Limpopo Atletiekampioenskappe op 4 Maart te Polokwane.

'n Strawwe seisoen se harde werk is beloon met prestasies waarmee mens net eenvoudig moet spog: Johané Pistorius behaal 'n 1e plek in skyfwerp, spiesgooi en gewigstoot. Sy stel ook twee nuwe Limpopo-rekords op in skyfwerp en spiesgooi.

Schalk Erasmus behaal 'n 1e plek in skyfwerp en gewigstoot en 'n 3e plek in spiesgooi. Schalk word aangewys as die beste veldatleet van die dag.

Larisa Nel behaal 'n 1e plek in die 70m hekkies. Sy stel ook 'n nuwe Limpopo-rekord op.

Karabo Phago behaal 'n 1e plek in die 75m hekkies. Dikeledi Monyeki behaal 'n 2e plek in hoogspring.

Mariska Jonker behaal 'n 3e plek in skyfwerp.

Jessica Tsetsewa behaal 'n 4e plek in 75m hekkies.

Hengert de Villiers behaal 'n 5e plek in Spiesgooi.

'n Volle 4 Bossies kwalifiseer vir die SA-Kampioenskappe wat op 17-19 Maart in Germiston sal plaasvind. Hulle is Johané Pistorius, Schalk Erasmus, Karabo Phago en Larisa Nel.

Baie geluk aan al hierdie atlete en hul getroue afrigters, die Bossies wil bars van trots!

(Foto's verskaf)

## Sport

## Sport

## Johané 'n skitterende ster

## — SA's wag

Johané Pistorius, leerling aan Laerskool Bosveld Primary, het die afgelope naweek tydens die provinsiale kampioenskappe in 'n paar items gewys 'waar Dawid die wortels gegooi het!'

Sy wen die gewigstoot-afdeling met 'n afstand van 11,4m en stel twee pragtige rekords op in skyfwerp en spiesgooi.

Johané verbeter die bestaande skyfwerprekord van 32m na 37,8m en die spiesgooirekord van 28m na 'n fantastiese afstand van 36,8m.

Die SA-Kampioenskappe is oor 2 weke. Johané, Mogol Pos is trots op jou en wens jou sterkte toe met die komende SA's. Knap gedaan!

## Auction! Auction! Auction!

Date : 18 March 2011  
Time : 11:00  
Place : Limpopo Gateway Vaalwater

Authorised by the Coetzee Family that end their partnerships

## Properties:

## Farms: (Bordering Vaalwater Town):

1. Portion 4 of Portion 3 of the farm Nootgedacht Size 279 Ha
2. The Farm Slypsteen, size 170 Ha
3. Portion 19 of farm Vaalwater Size 23 Ha
4. Portion 20 of farm Vaalwater Size 23 Ha

## Residential Properties:

## Bosveld Street, Vaalwater:

1. 39 A (3-bedroom house), stand 1000 m<sup>2</sup>
2. 39 B (Empty stand) 500 m<sup>2</sup>
3. 39 C (Empty stand) 500 m<sup>2</sup>
4. 39 D (Empty stand) 800 m<sup>2</sup>
5. Sandrift Road 227 Vaalwater, 400 m<sup>2</sup> 3 bedroom house) stand 3 000 m<sup>2</sup>

## Sectional title on the farm Avontuur:

Three Major Banks have approved the project and have financed some of the developments:

1. Unit 1: 280 m<sup>2</sup> - 4 bedroom Lodge, 4 bathrooms
2. Unit 2: 140 m<sup>2</sup> - 2 bedroom house, 2 bathrooms, 2 lofts
3. Unit 3: 160 m<sup>2</sup> - 3 bedroom house, 2 bathrooms
4. Unit 4: 144 m<sup>2</sup> - 1 bedroom house, 1 bathroom, 76 m<sup>2</sup>, 2 bedroom apartment, 2 bathrooms, view on lake

## Business Centre:

Stands 7 in extension 7 of the town Vaalwater 5 640 m<sup>2</sup> with business centre

## Businesses:

Internationally known Curio Shop  
Fully Equipped Bar & Restaurant

## Contacts:

HP Jacobsz, 082 494 3202 / Fax: 014 717 3647  
Boer Coetzee, 082 899 5115 / Fax 086 552 4435  
Email: inafrika@worldonline.co.za / imofauna@gmail.com

**Environmental Impact Assessment (EIA), Environmental Management Programme (EMP), Integrated Water Use License (IWULA) Amendment, Atmospheric Emissions License (AEL) and Waste Management License for the Expansion of the Char Plant and construction of a Coke and Co-generation Plant at Grootegeluk Mine, Lephale**

Exxaro Resources (Pty) Ltd and Exxaro Energy (Pty) Ltd would like to expand their operations at Grootegeluk Mine which is located on the farm Daarby 458 LQ in Lephale (Ellisras). The number of retorts at the existing Char Plant will be increased from 4 to a maximum of 12. The expansion would therefore involve the construction of an almost identical plant to the existing Char Plant and would be located adjacent to it. Exxaro would also like to develop a Coke Manufacturing Complex with an electricity Co-generation Plant near the Char Plant. This complex will consist of 120 Coke Oven Batteries and a 120 MW Electricity Generation Plant.

Synergistics Environmental Services has been appointed as the independent environmental consultants and will be undertaking the environmental authorisations associated with the project.

Notice is hereby given in terms of the following legislation, that applications for environmental authorisation will be submitted to the relevant government authorities:

- The National Environmental Management Act (No. 107 of 1998) (NEMA);
- The Mineral and Petroleum Resources Development Act (No. 28 of 2002);
- The National Water Act (No. 36 of 1998);
- The National Environmental Air Quality Act (Act No. 39 of 2004); and
- The National Environmental Management: Waste Act (No. 59 of 2008).

There will be five key deliverables for the projects, each of which will be submitted to the relevant government department for authorisation. These are:

- An EIA which will be submitted to the Limpopo Department of Economic Development, Environment and Tourism (LEDET) for activities that are listed in terms of the EIA Regulations under NEMA;
- An EMP which will be submitted to the Limpopo Department of Mineral Resources for approval;
- An amendment to the Integrated Water Use License will be submitted to the Department of Water Affairs;
- An amendment to the air pollution control certificate (as the process will involve activities which require an atmospheric emissions licence) will be submitted to LEDET; and
- A Waste Management License Application will be submitted to the waste management division of the Department of Environmental Affairs.

If you would like to be registered as an Interested and Affected Party (IAP) for these projects, please send your name and details to the following contact person:

Shelley Holt  
Synergistics Environmental Services  
Tel: (011) 807 8225  
Fax: (011) 807 8226  
Email: shelley@synergistics.co.za  
Post: P O Box 1822, Rivonia, 2128

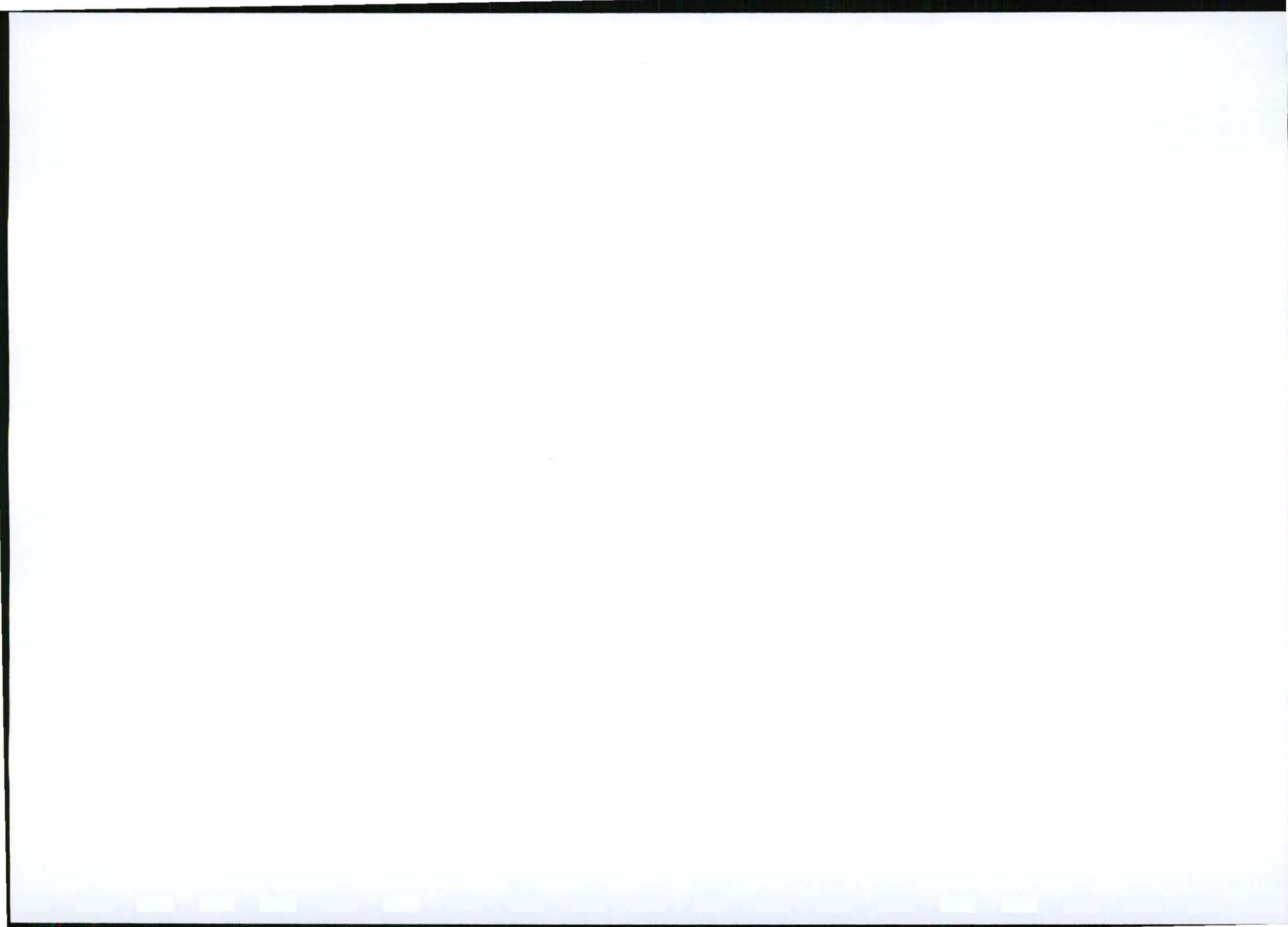


Please register as an IAP in order to receive further correspondence. All comments must reach us by 1 April 2011.

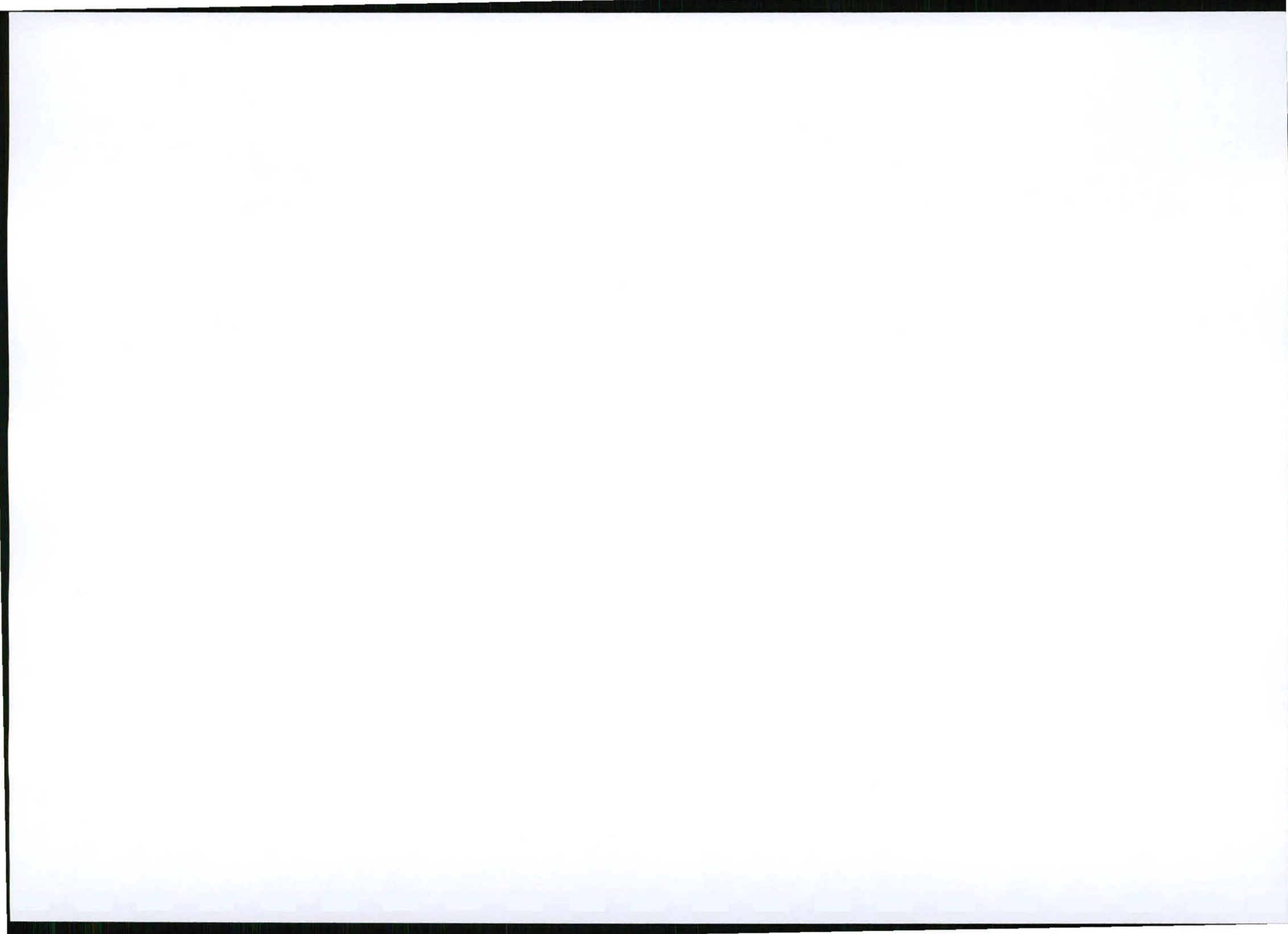
An Information Sharing Meeting will be held for IAPs to give more detailed project information. The meeting details are as follows:

**Invitation to Attend Information Sharing Meeting**

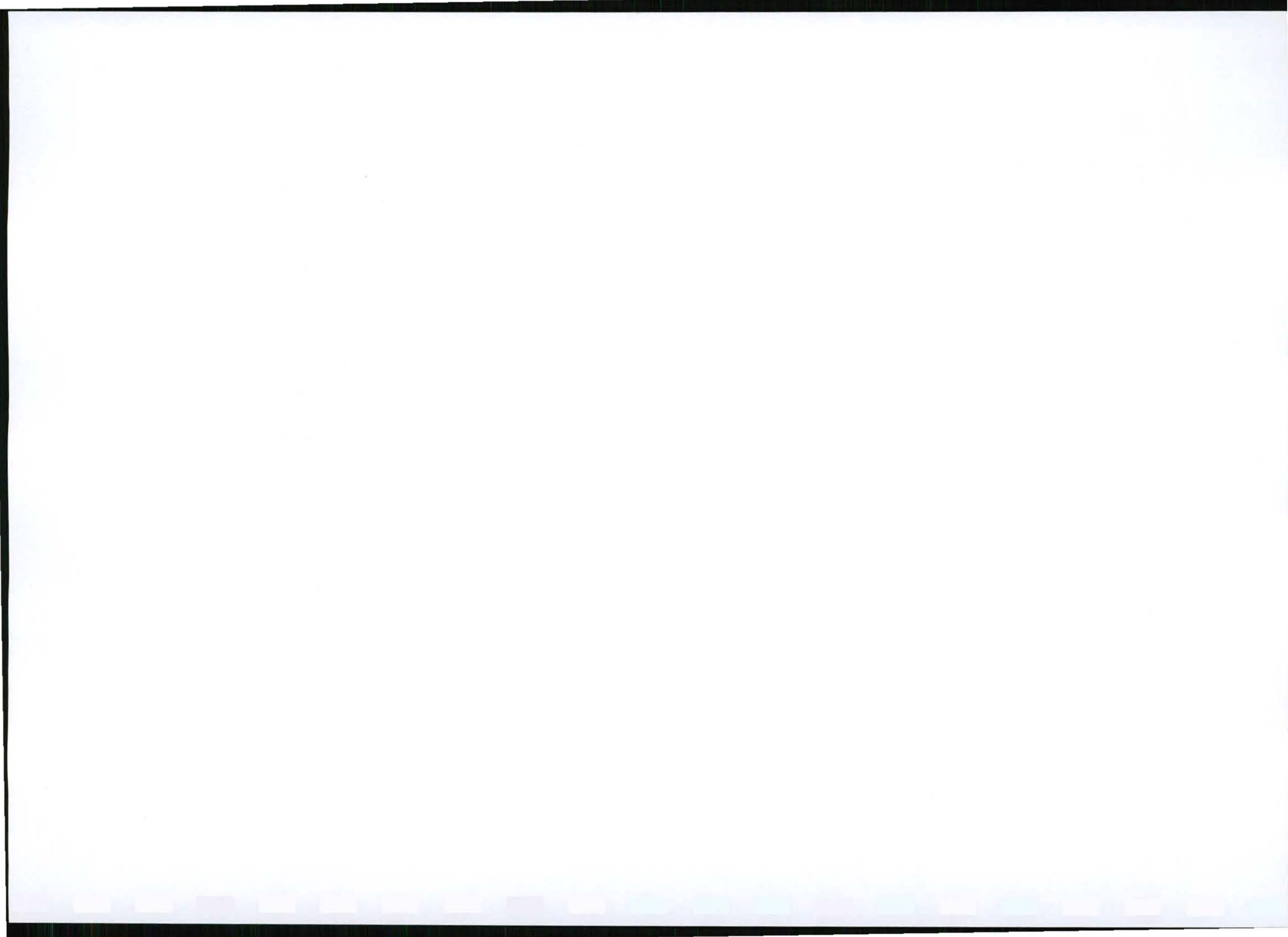
Place: Mogol Club, Lephale  
Date: Thursday 17<sup>th</sup> March 2011  
Time: 17:00 to 19:00pm



## Appendix 3: Background Information Document



August 2010



# BACKGROUND INFORMATION DOCUMENT

## Environmental Impact Assessment (EIA) Amendment, Environmental Management Programme (EMP), Integrated Water Use License Application (IWULA) Amendment and Waste Management License Application for the Expansion of the Sintel Char Plant at Grootegeluk Mine

### Introduction

A 4 retort Sintel Char Plant has been in operation on the farm Daarby 458 LQ, within the boundaries of the Grootegeluk Coal Mine since June 2009. The Char Plant is owned and operated by Exxaro Resources (Pty) Ltd and is therefore a separate entity to the Grootegeluk Mine (owned by Exxaro Coal). The existing plant covers an area of ~5.5ha.

The proposed expansion to the Sintel Char Plant involves increasing the number of retorts from 4 to a maximum of 10. The expansion would therefore involve the construction of an almost identical replica of the existing Chat Plant. The majority of the infrastructure associated with the Sintel Char Plant would therefore also be duplicated. The Char Plant expansion will be located directly adjacent to the existing plant and will occupy an area of ~5.5ha (See figure 2). The entire footprint area of the Sintel Char Plant and associated infrastructure covers an area of ~13.9ha.

### Purpose of the Background Information Document

The purpose of this document is to:

- Inform you about the proposed project;
- Provide you with the opportunity to register as a stakeholder;
- Provide you with the opportunity to ask questions or raise any queries you may have; and
- Provide information about the environmental process to be followed;

A stakeholder is classified as anyone who is interested and/or affected by the proposed project. Stakeholders are given the opportunity to register as an Interested and Affected Party (IAP) in order to receive further project information and have the opportunity to express any questions, comments or issues they may have regarding the project.

Please register yourself as an IAP and submit your comments on the project to Synergistics on or before the 6<sup>th</sup> of October 2010

## Brief Project Description

The Sintel Char Plant involves the conversion of lumpy dull coal blends to high quality carbon reductants through devolatilisation. The process takes place in a closed circuit and involves the re-application of gaseous heat in the absence of oxygen, which maximises the recovery of lumpy carbon.

Sintel Char is a metallurgical carbon reductant and is increasingly used to supplement market coke due to the limited availability of coking coal. The Char plant is therefore in a prime position, as it has access to suitable coal feedstock as well as being close to major consumers (ferro-chrome, ferro-manganese and platinum producers).

The existing plant operates 4 retorts and associated infrastructure for the production of the Char product. The expansion will involve increasing the number of retorts from 4 to a maximum of 10. The associated infrastructure required for the efficient functioning and operation of the Sintel Char Plant will therefore also be included as part of the expansion process.

Infrastructure associated with the Char Plant which will be required as part of the expansion includes:

- Gas Boosters;
- Electrostatic precipitators;
- Tar storage tanks;
- Liquor tanks;
- Liquor Destructors;
- Liquor destructor stacks;
- Retort vents; and
- Admin buildings

Additional infrastructure, not included within the existing Char Plant, but to be included in the expansion project includes:

- Oil and water separating plant;
- Tar conditioning facility;
- Briquetting plant;
- Spare store; and
- Tar storage and reclaiming facility (TSRF)



## **Simplified Char Plant Process**

The coal which is fed into the Char Plant comes from Grootegeluk Mine. The lumpy coal blends contain high levels of volatile gases and moisture. This coal is heated to temperatures of 950°C in the retorts, driving off the volatiles and remaining moisture. Tar, contained in the volatile gases, is extracted through electrostatic precipitators (ESP) and removed by a contractor who transports it by truck to a processing plant. The volatile gases are recycled and used in various processes such as the boilers, stacks and heating of the retorts. The plant currently incorporates 2 flare stacks into the process, which control the pressure of the recycled gas by burning off any excess gas when necessary. Condensates from the cooling system, gas booster fans and contaminated liquids are collected and stored in liquor tanks. They are pumped to the liquor destructor, which burns off the contaminated liquor. The Char product, after being quenched (cooled) in the retorts, is stockpiled for transportation to clients. (See process flow diagram in Figure 1)

## **Project Locality**

The Sintel Char Plant is located within the Old Middling Stockpile area, an area previously used for coal storage, within the boundaries of the Grootegeluk Coal Mine. The Mine is situated ~20km west of Lephalale in the Limpopo Province.

## **Enviro-Legal Requirements**

The key legislation applicable to the proposed project includes:

- The National Environmental Management Act (No. 107 of 1998) (NEMA);
- The Mineral and Petroleum Resources Development Act (No. 28 of 2002)
- The National Water Act (No. 36 of 1998) (NWA); and
- The National Environmental Management: Waste Act (No. 59 of 2008) (NEMWA)

There will be four key deliverables for the project, each of which will be submitted to the relevant government department for authorisation. These are:

- An Environmental Impact Assessment which will be submitted to the Limpopo Department of Economic Development, Environment and Tourism (LEDET) for activities that are listed in terms of the EIA Regulations under the NEMA;
- An Environmental Management Programme which will be submitted to the Limpopo Department of Mineral Resources for approval
- An amendment to the Integrated Water Use License Application (IWULA) will be submitted to the Department of Water Affairs (DWA); and