

Environment
Agency Wales
Rivers house,
St Melons Business Park,
St Melons,
Cardiff

Dear Mr Attwood in-closed is the closure report for ty-r-eos farm
landfill site.

Should you have any further queries please to not hesitate to
contact me on the number below.

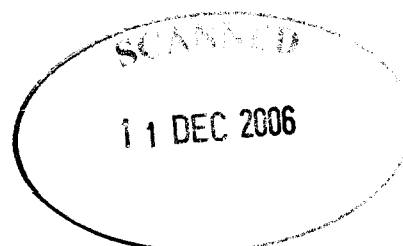
Yours sincerely.

Graham price
Mobile phone number 07818036905
e-mail:susiep_59@yahoo.co.uk

ENVIRONMENT AGENCY WALES
ST. MELONS EAST AREA

19 OCT 2006

RECEIVED: RIVERS HOUSE, ST. MELLONS



**MRG.L.PRICE
TY-R-EOS FARM
GWEHELOG
USK
MONMOUTHSHIRE
NPI5 1RD
LICENCE NUMBER : EA
WML / 30049**

Introduction

The following is a brief history of Ty-r-eos Farm land fill site. Planning permission was applied for on the 22.10. 1990 by Mr and Mrs G.L.Price, to Monmouthshire County Council who were the overseeing organisation for this type of operation. Monmouthshire county council consulted through the planning application with all other interested parties (i.e. welsh water authority the local community council the national rivers authority etc) Planning permission was granted on the 24th of April 1991. The restrictions placed on the application where that only sub-soil/top-soil/ hard core would be allowed to be placed in the land fill site, the site at that time was monitored by an inspector from Monmouthshire county councils contracts and environmental section. The environment agency then took over the monitoring of the land fill site carrying out weekly inspections by various officers.

A conditioning plan was submitted in 2002 to enable the site to carry on trading, during that time the site has been under the control of the agency. We as the operators have had only a very few minor infringements of the licence as your site inspection reports will show, and any requests have been dealt with straight away. Due to the location of the site and the type of material deposited the on site problems have always been very minor. After discussions with the

agency's officer looking after the site at that time a decision was made by us the operators to close the site down. The agency served a closure notice on us from the 15th of Feb 2006; in fact the last waste was deposited on the site in November 2005

Included in this Section is drawing reference number
1 indicating the area that will be closed.

ADDRESS: TY - R - EOS FARM
GWEHELOG
USK
MONMOUTHSHIRE
TEL: 0191 672879

KEY
DRG REF NO 1

LICENCE BOUNDARY

EXISTING LANDFILL CELL

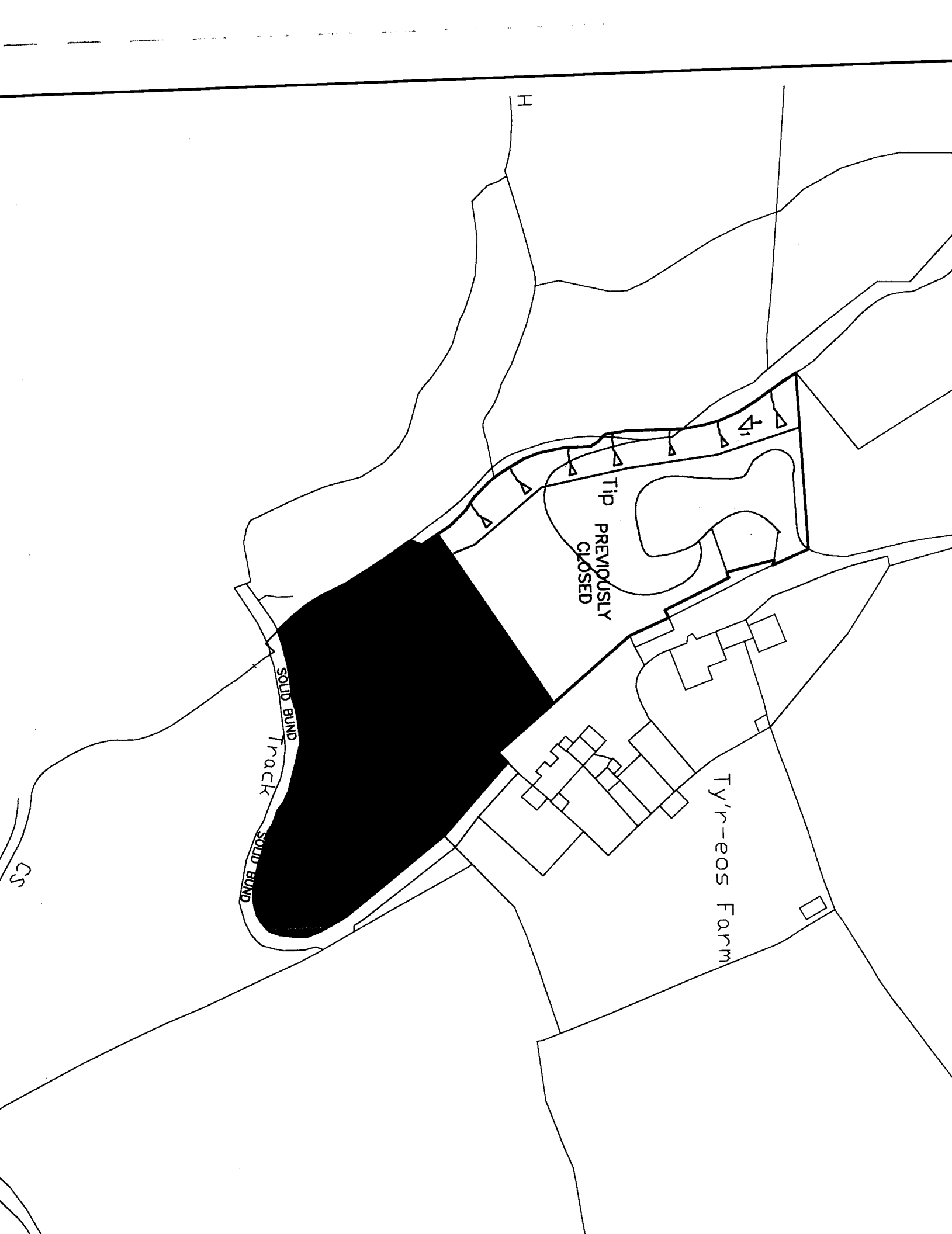
LANDFILL CELL CLOSED
FROM 15th FEBRUARY 2006

Ty'r-eos Farm

SOLID BUND
Track
SOLID BUND

ED Bdy

CS



H

4

Tip PREVIOUSLY
CLOSED

SOLID BUND

Track

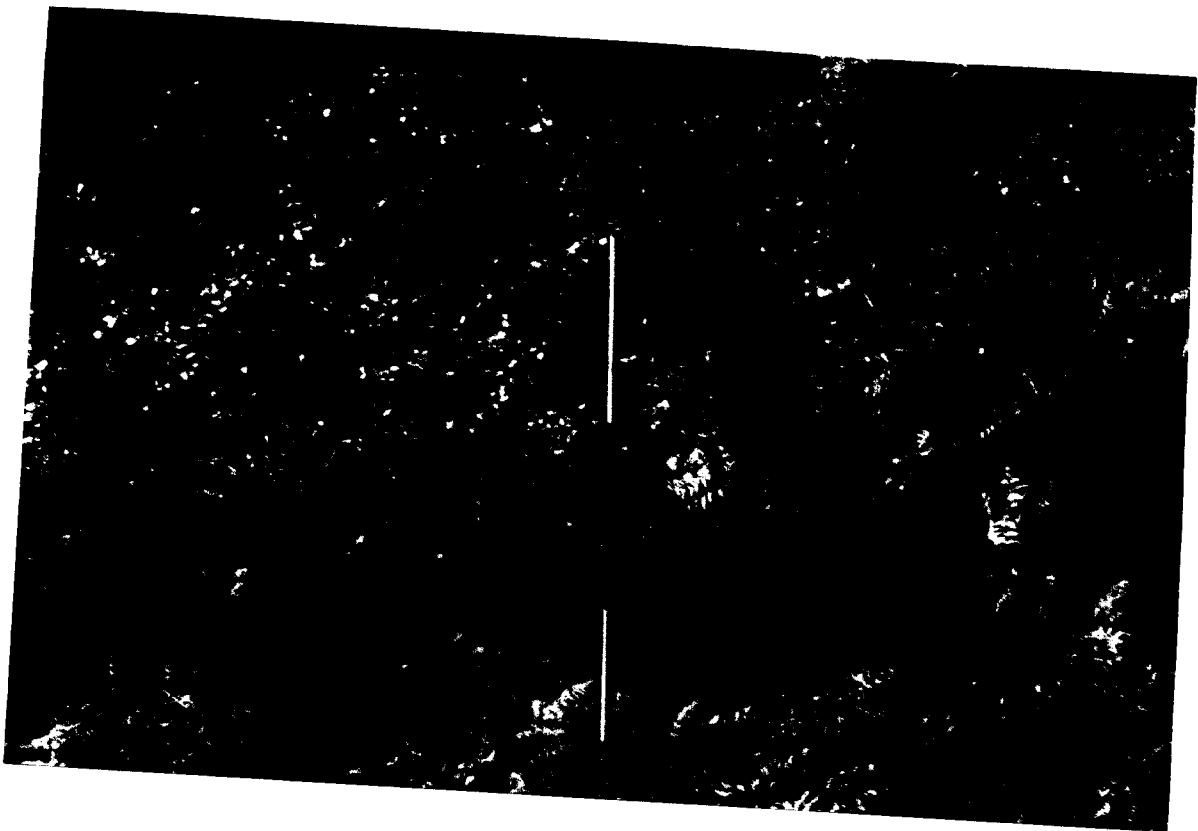
SOLID BUND

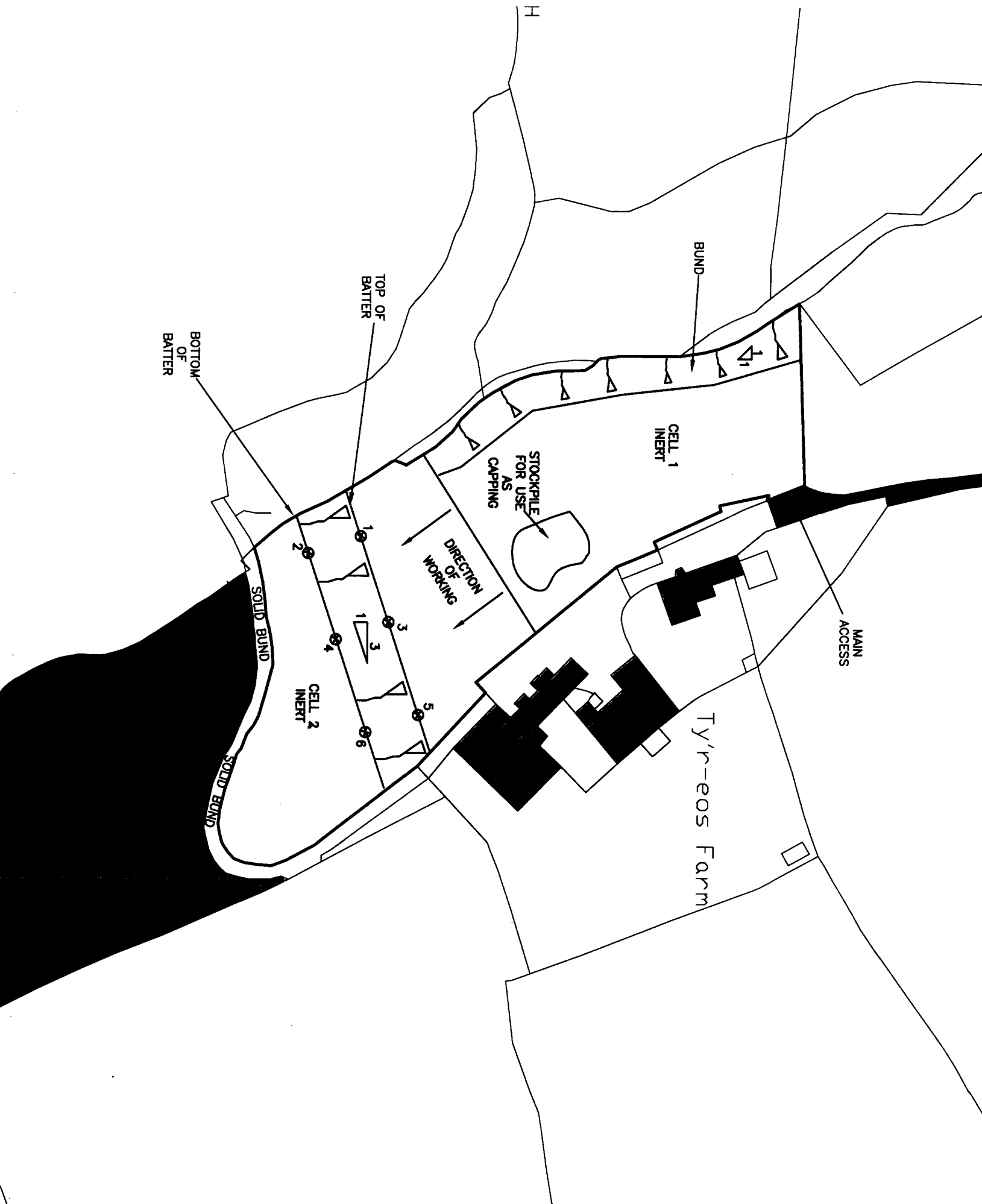
Ty'r-eos Farm

CS

Slope Stability and any settlement will be monitored by the use of 6 number stations as shown on drawing reference No 3. The restoration materials used on the site are materials which have been deposited at the site. All top soil to cap the face is used from the stock pile shown on the drawing, also included is 1 number drawing showing a cross sectional area of the site.

Natural growth has already established itself on the capped face, included are photographs showing the condition of the capped face and the natural growth of saplings and ground vegetation.





The site Infrastructure

Leachate monitoring has never been an Issue at this site as the only waste which has been accepted is inert classification code 21a state solid. The weekly Inspections by the Environment Agency will confirm that the only waste deposited is inert.

Ground Water Infrastructure

The only ground water is seasonal, the collection point is shown on drawing Number 3a which shows a seasonal discharge pipe. The above points were all agreed with the operator of the site and officers of the environment agency from 2002 up to 2006. Due to the very small amount of ground water which normally lasts for three months of the year, the rest of the time the collection point is dry which again your officers can verify. A ground water risk assessment was carried out by the agency trough 2005 into 2006.

Landfill Gas Infrastructure

Due to the site only been able to accept inert waste type 21a solid, of sub-soil and hard core waste and the location of the site in a rural setting. Therefore, weekly inspections carried out by the environment

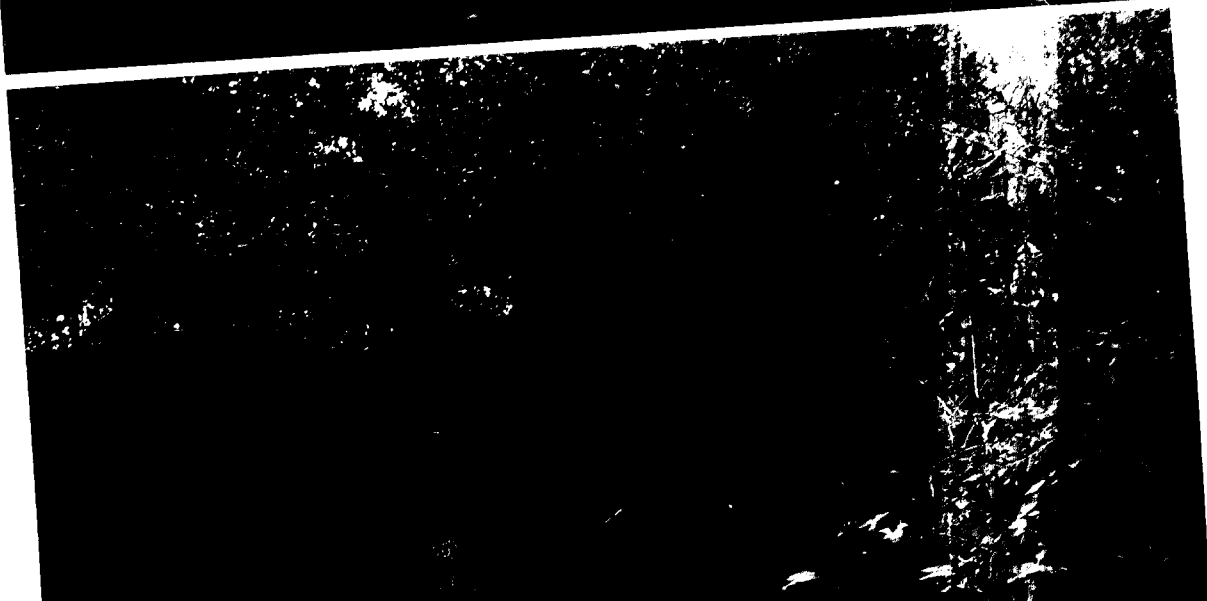
agency on an ad hoc basis, would have identified any materials likely to be deposited on the site which would have been likely to cause any gas.

All the above points refer to the on site risk assessments on page 7.

Reporting

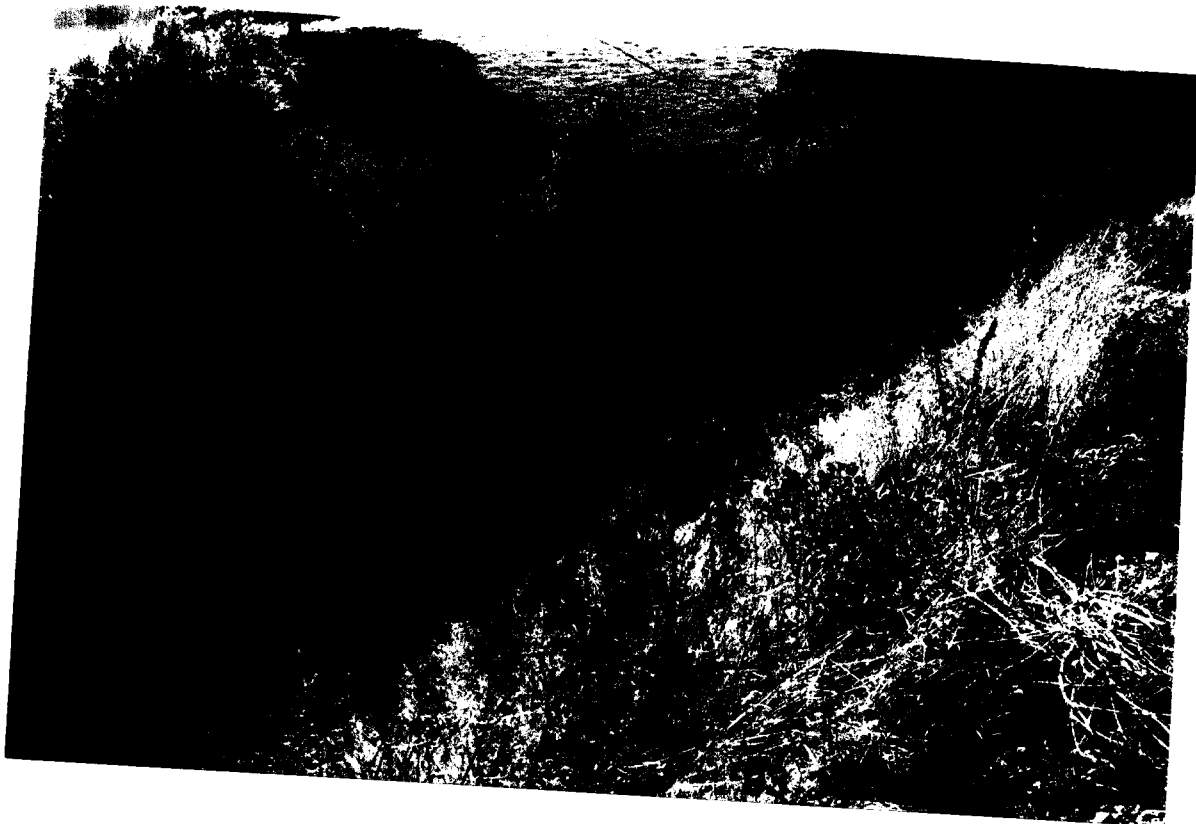
If any significant environmental effects take place on the site the reporting procedure is as follows:

1. Contact the local environment agency office at Hadnock Road Monmouth on 02920582745
2. Within 24hrs inform the environmental agency Wales Rivers House, St Mellon, Cardiff on 08708506506 and in writing.
3. Due to the nature of the site and its location no other emergency bodies will be required.



Habitats

The site is just on the 5km edge of the River Usk Valley. The existing ground contours of the boundary of the landfill site are lower than the western edge of the Usk Valley. As the photographs attached show, the habitat around the site is flourishing in a natural state.





Risk Assessment

Ground water seasonal water flow for 3 months collected as shown on drawing number 3a(with attached photograph of seasonal discharge pipe), the rest of the year is totally dry. Risk factor small.

Land fill gas, due to the nature of the material deposited at the site and the rural location. Risk factor very small.

Stability risk assessment is described on page no 2, the risk factor is small as the site is contained.

Nuisance risk assessment, since the site was opened in 1991 not one complaint has been received by the operators. Due to the location of the site the risk factor is very small.

For all the above please refer to the attached risk assessment document.

DEFINITIONS FOR HAZARD ANALYSIS AND ACTIVITY RISK ASSESSMENT				
LIKELIHOOD TO OCCUR (L)		SEVERITY OF HARM (S)		
H	HIGH - Certain or near certain	H	HIGH - Fatality; Major injury or illness causing long-term disability	
M	MEDIUM - Reasonably likely	M	MEDIUM - Injury or illness causing short-term disability	
L	LOW - Very seldom or never	L	LOW - Other injury or illness	
RISK RATING (RR) = L x S				
RR		Assessed Risk		
L	S	ACTION TO REDUCE THE RISK		
H	H	unAcceptable/ excessive	Work <u>must not start or continue</u> until suitable measures and improvements can be made. If the risk cannot be reduced the work should remain prohibited.	
H	M	substantial	Do not undertake work until the risk has been reduced so far as is reasonably practicable. If the risk involves work progress, the work should be discontinued and urgent action taken.	
M	H			
L	H	Considerable	Where moderate risk is associated with severe injury or fatality, it may require further assessment to determine more accurately the likelihood of harm as a basis for establishing the need for improved control measures.	
H	L	moderate	Make efforts to reduce risk. The cost of prevention should be assessed and limited. Risk reduction measures should be implemented within a defined time period, monitor and maintain.	
M	M			
L	M	tolerable	No additional controls are required. Possibly consider more cost-effective solutions and/or improvements that impose no additional costs. Monitor to ensure controls are maintained.	
M	L			
L	L	acceptable/ insignificant	The risk is considered to be acceptable and no further action needs to be taken.	
L	L			

HAZARD ANALYSIS AND RISK ASSESSMENT

Ty-r-eos Farm Landfill site

Assessor (Name)
G.Price (Agent)

Assessor (Signature)
Date 30th May 2002

L=Likelihood, S=Severity, (High, Medium or Low)
RR=Risk Rating (Likelihood x Severity), A to F

RISK RATING KEY:
A=UnAcceptable B=SuBstantial C=Considerable D=MoDerate E=ToIErable F=InsigniFicant

Page 2 of 2

REF.

ACTIVITY AND HAZARD

RISK RATING
L x S = RR

CONTROL MEASURES TO ELIMINATE HAZARD /
REDUCE RISK

RESIDUAL RR
L x S = RR

SIGNIFICANT
YES / NO

Inert Landfill site

Non-hazardous material

Non-Toxic material

No gases

L

L

F

The risk is considered to be acceptable under the existing conditions, and therefore no additional controls will be required

L

L

F

No

Included in this Section is drawing reference number
4 showing the contours and levels of the site closed
as of the 15th feb 2006.

HAZARD ANALYSIS AND RISK ASSESSMENT

Date 30th May 2002

Page 2 of 2

Assessor (Name)

Assessor (Signature)

G.Price (Agent)

Ty-r-eos Farm Landfill site

RISK RATING KEY:

L=Likelihood, S=Severity, (High, Medium or Low)

RR=Risk Rating (Likelihood x Severity), A to F

A=UnAcceptable

B=Substantial

C=Considerable

D=Moderate

E=Tolerable

F=Insignificant

ACTIVITY AND HAZARD

RISK RATING

L x S = RR

CONTROL MEASURES TO ELIMINATE HAZARD /
REDUCE RISK

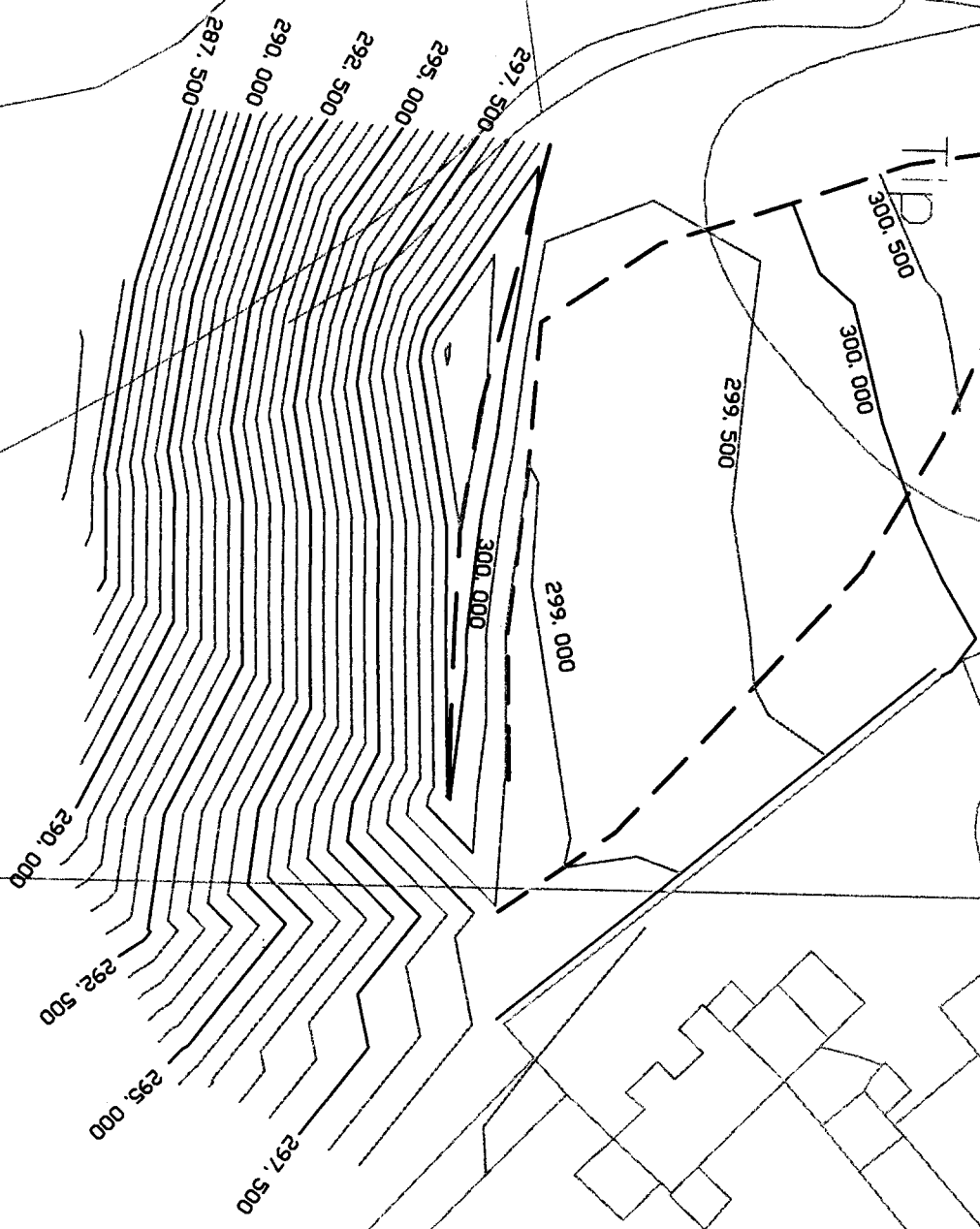
RESIDUAL RR
L x S = RR

SIGNIFICANT
YES / NO

REF.	ACTIVITY AND HAZARD	RISK RATING			CONTROL MEASURES TO ELIMINATE HAZARD / REDUCE RISK			RESIDUAL RR			SIGNIFICANT	
		L x S = RR						L x S = RR			YES / NO	
	Inert Landfill site	L	L	F	The risk is considered to be acceptable under the existing conditions, and therefore no additional controls will be required			L	L	F	No	
	Non-hazardous material											
	Non-Toxic material											
	No gases											

Included in this Section is drawing reference number 4 showing the contours and levels of the site closed as of the 15th feb 2006.

Ty'r-eos Fo



Tyr-eos Fo

