



### SITE CLEARANCE

Environmental Waste Technologies Ltd. will not leave the site until the client is completely satisfied with the works.

### EMERGENCY PROCEDURES

Emergency procedures to be followed will be as Environmental Waste Technologies Ltd., Asbestos Working Code of Practice. Following any dangerous occurrences or accident, the relevant office of the Health and Safety Authority or Local Authority will be informed. In the event of a fire, priority will be given to evacuating the work area by the quickest possible route. Operatives will familiarise themselves with fire exit routes and location of fire fighting equipment and first aid/hospital facilities prior to commencement of any works on site. Where inadequate facilities exist, they will be supplemented by equipment provided by Environmental Waste Technologies Ltd., commensurate with the nature and duration of works on site. Work enclosures will be constructed so as not to obstruct fire exit routes. In the event of a suspected escape of asbestos fibres, all works within the enclosed area must cease until the source is located and any remedial works and consequent decontamination completed and tested and deemed to be satisfactory so that no re-occurrence is possible before works can resume. The results of any such incident will then be recorded in the site log, including air test results. Suitable records of all incidents will be kept. In the case of elevated airborne fibre levels being recorded outside the enclosed area, all work will stop immediately. The enclosure will be inspected, and any leak or breach found will be immediately repaired, together with the clean up of any resulting contamination. Work will only resume when acceptable levels have been verified by the on-site consultant.

### LOCAL EMERGENCY SERVICES

### TELEPHONE NUMBERS

Greystones Garda Station	112 / 999
Loughlinstown Hospital	112 / 999
Fire Brigade	112 / 999

### VISITORS TO SITE

Authorised visitors to the site will be directed to report their presence to the site supervisor or the client's representative to receive instruction regarding the layout of the work area(s) and to be advised which areas are inaccessible. No persons will be admitted to the work enclosure without authority from the client or Health and Safety Authority, together with the appropriate protective equipment and evidence of training in its use, plus valid appropriate medical certificate and insurance cover.

### MANUAL HANDLING

For the purposes of this contract we do not anticipate that items of plant or waste will exceed 25 kilograms per any one item. As a contingency, if these weights are encountered two operatives working in conjunction will handle any items over and above this weight.

### AIR MONITORING

To be carried out by the client's independent 3<sup>rd</sup> Party Consultant – **AWN Consulting**



**LEGISLATION, CODES OF PRACTICE & GUIDANCE NOTES**

All asbestos works will be carried out in accordance with the following.

- ❖ Asbestos-containing Materials (ACMs) in Workplaces - Practical Guidelines on ACM Management and Abatement 2013
- ❖ S.H.W.W. (Construction) Regulations, 2013 (S.I. No. 291 of 2013).
- ❖ S.H.W.W. (Construction) (Amendment) Regulation 2012 (S. I. No. 461 of 2012).
- ❖ S.H.W.W. (Construction) (Amendment) (No.2) Regulation 2012 (S. I. No. 481 of 2012).
- ❖ S.H.W.W. (Exposure to Asbestos) (Amendment) Regulations 2010 (S.I. No. 589 of 2010).
- ❖ S.H.W.W. (General Application) Regulations 2007
- ❖ S.H.W.W. (Exposure to Asbestos) Regulations, 2006 (S.I. No. 386 of 2006)
- ❖ S.H.W.W. (Carcinogens) Regulations, 2001 (S.I. No. 078 of 2001).
- ❖ Chemicals (Asbestos Articles) Regulations 2011 (S.I. No. 248 of 2011).
- ❖ European Communities (Carriage of Dangerous Goods by Road and Use of Transportable Pressure Equipment) (Amendment) Regulations 2013 (S.I. 238 of 2013)
- ❖ European Communities (Carriage of dangerous goods by road and use of transportable pressure equipment) Regulations, 2011 (S.I. No. 349 of 2011).
- ❖ European Communities (Asbestos Waste) Regulations, 1990: SI No. 30 of 1990.
- ❖ European Communities (Control of Water Pollution by Asbestos) Regulations, 1990: SI No 31 of 1990.
- ❖ Air Pollution Act, 1987 (Emission Limit Value for use of Asbestos) Regulations.

**LIST OF GUIDANCE NOTES WHEN APPROPRIATE (Prepared by the HSE, UK)**

- ❖ Approved Code of Practice; Work with Asbestos insulation, asbestos coating and asbestos insulation board.
- ❖ Control of Asbestos regulations 2012
- ❖ Asbestos Essentials ( Where Applicable)

**DOCUMENTATION**

Copies of the following documents will be on side at all times during asbestos removal works:

- ❖ Site Specific Method Statement & Risk Assessment
- ❖ Plant Maintenance Certificates
- ❖ Operatives Medical and Training Records



## **SAFETY STATEMENT/RISK ASSESSMENT FOR ASBESTOS REMOVAL WORKS**

### **Health & Safety Principles & Objectives**

- To ensure the working environment is safe and without risks to health.
- To ensure adequate provision has been made with regard to facilities, and arrangements for employee welfare at work.
- Health and safety matters are to be given the highest emphasis.
- To achieve good management from conception through to execution of the works.
- To plan, organise, control, monitor and review health and safety throughout life of project.
- To ensure personnel are competent for the allocated tasks.
- To ensure all equipment used is certified and competent for the allocated tasks.
- To ensure sufficient resources are available to conduct the works in a safe manner.
- To identify all hazards and control the associated risks.

### **ACTIVITIES WITH RISK TO HEALTH & SAFETY**

#### **VEHICLE MOVEMENTS**

All works vehicles will be parked outside the building in allocated parking spaces.

#### **CONTROL & DISPOSAL OF NON CONTAMINATED WASTE**

Litter must not be dropped at any time in the building.

#### **EXCLUSION OF UNAUTHORISED PERSONS**

During the works process there will be no access to anyone other than staff engaged in that function. (See **Visitors to site** section of the method statement).

#### **MACHINERY & TRAINING**

When choosing equipment account will be taken of work conditions and hazards that it will be suitable for the task. All equipment will be well maintained and carry current test certificates as applicable. The Company will provide appropriate training in the use, maintenance of vacuum cleaners, negative pressure units, decontamination units and other machinery and plant to be used on site.

#### **EMERGENCY PROCEDURES**

(See also **emergency procedures** section of our method statement). The work has been planned to reduce the risk of any emergency occurring to the lowest possible level, taking account of the works to be carried out and the site characteristics.

#### **FIRST AID & TREATMENT OF INJURED PERSONS**

First Aid will be given by a qualified first aider, namely [REDACTED] whilst an ambulance is awaited.



### **FIRE & THE PREVENTION OF SAME**

Any flammable liquids will be stored separately and in appropriate containers. Where possible, a non-flammable alternative will be used. Environmental Waste Technologies Ltd., employ a no-smoking policy on site at all times. Check when leaving site (whether lunch time or end of shift) to ensure any sources of ignition are safe/extinguished. No rubbish is allowed to build up on site, especially near sources of ignition and flammable materials. Fire extinguishers to be made available – appropriate for the type and nature of potential fire. Location of nearest accident and emergency unit will be established and all operatives will be informed prior to works commencing.

### **SITE RULES**

The following rules are to be brought to the attention of all persons entering the site compound by the site supervisor.

### **HOUSEKEEPING**

All directions given by the site supervisor are to be followed. Equipment and materials are to be stored in designated areas. **NO LITTER**. Walkways, exit routes are to be kept clear. For instructions regarding contaminated waste, please refer to **Disposal of asbestos waste** section of our method statement.

### **ACCIDENT REPORTING.**

Any accidents or incidents occurring on site must be reported to the site supervisor, who will be responsible for determining and instigating any action necessary. Details are to be recorded in the daily site log as a minimum.

### **PROTECTIVE CLOTHING**

In conjunction with the relevant section of our method statement what all personnel entering the works area are to wear Personal Protective Equipment, disposable coveralls and steel toe capped Wellingtons & Respiratory Protective Equipment.

### **DECONTAMINATION PROCEDURES**

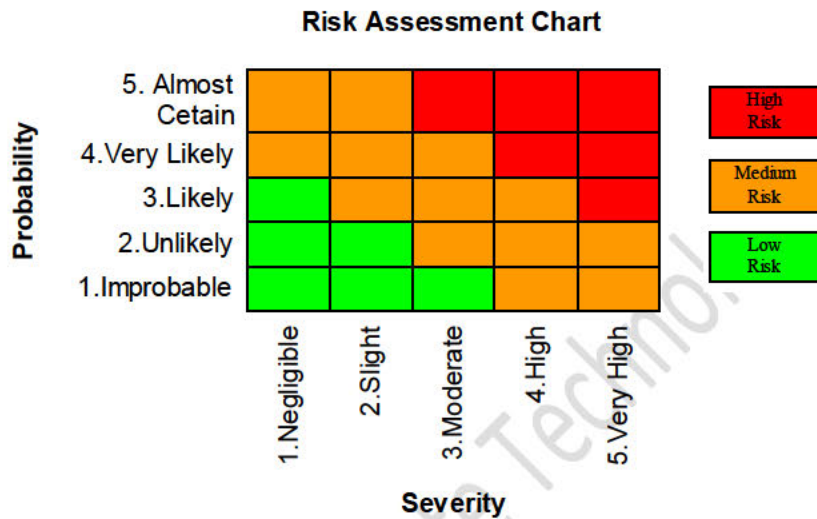
All persons entering and exiting the enclosure must go through full decontamination procedures as detailed in our **entry to the work enclosure/decontamination procedures** sections of our method statement.

### **MONITORING & STANDARDS OF WORK**

The site supervisor will carry our daily checks of the site. Should any non-compliance of the rules be highlighted during this check, an investigation will be carried out to determine the cause of this non-compliance. The site supervisor will then take appropriate action, which will be dependent upon the extent of the non-compliance. He will also supervise the operatives and their work on a daily basis to ensure that all instructions are being followed and good health and safety practices and control measures are being adhered to.



<p><b>Risk Assessment Chart</b></p> <p>ENVIRONMENTAL WASTE TECHNOLOGIES LTD.</p>
<b>Seagreen Greystones</b>



<u><b>RISK IDENTIFICATION</b></u>		<b>Assessment of Hazard (SEVERITY)</b>	<b>Assessment of Risk (PROBABILITY)</b>	<b>Risk Assessment L / M / H</b>
		1-5	1-5	
1.	Exposure to Asbestos	2	2	<b>Low</b>
2.	Manual Handling	2	2	<b>Low</b>
3.	Noise & Vibration	2	2	<b>Low</b>
4.	Slips, Trips & Falls	2	2	<b>Low</b>
5.	Bumps & Bruises with Fixed Plant	2	2	<b>Low</b>
6.				
7.				
8.				
9.				

**NOTE:**  
 IF THE OVERALL RISK FACTOR IS **LOW (L)**, FOR **ALL** HAZARDS IDENTIFIED, THEN NO FURTHER ACTION IS REQUIRED.  
 IF THE OVERALL RISK FACTOR IS **MEDIUM (M)** OR **HIGH (H)** THEN THE REMAINDER OF THIS FORM MUST BE COMPLETED.



**Risk Assessment Chart**



**Seagreen Greystones**

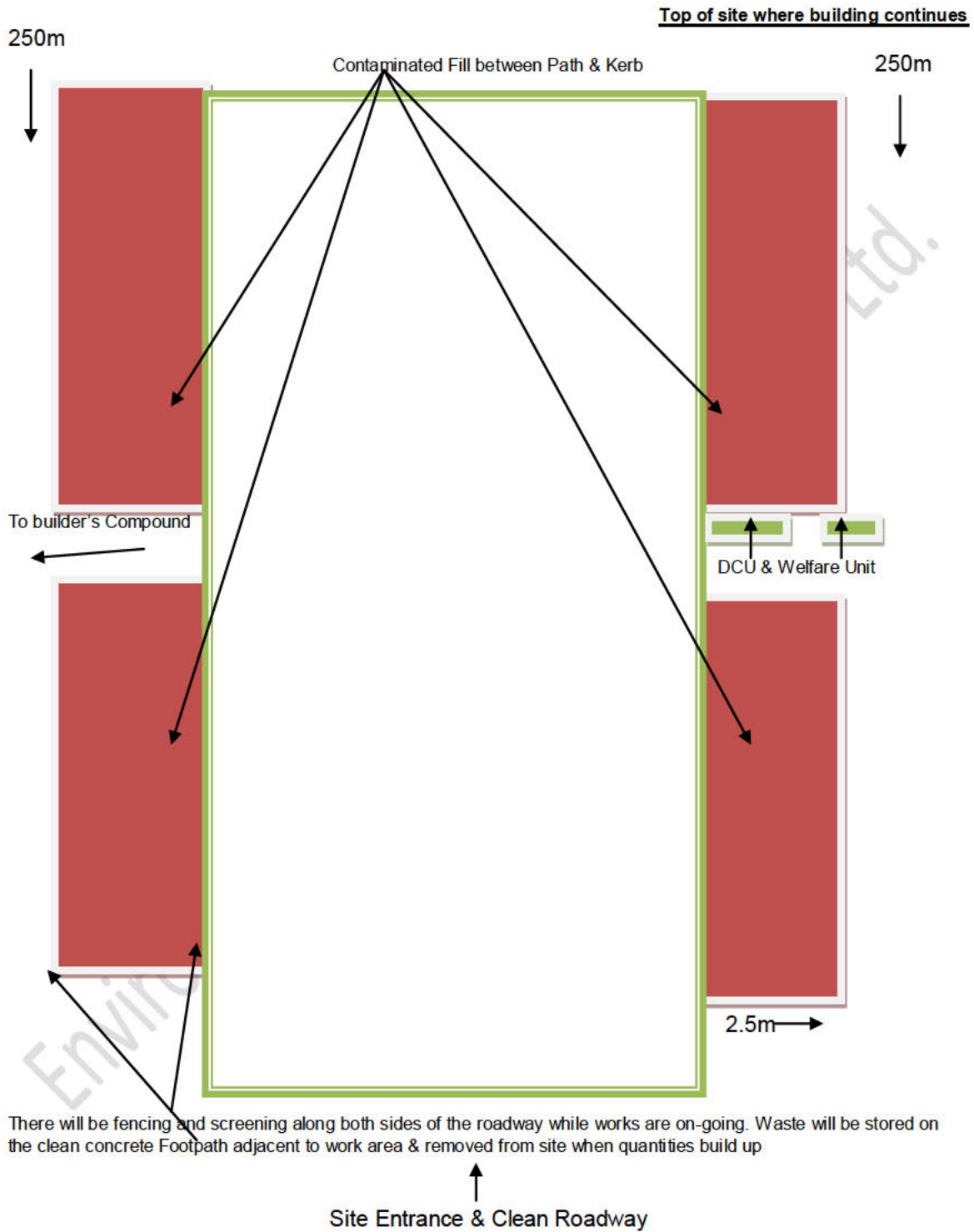
**CONTROL MEASURES**

(Control measures that will be used to reduce the risk identified. As an alternative the risk assessments detailed in our Company Safety Statement, suitably amended to take into account the works on this site can be attached to this method statement)

Exposure to Asbestos	<ul style="list-style-type: none"> <li>• The asbestos is contained within an enclosure</li> <li>• All operatives are trained in Asbestos Removal</li> <li>• All equipment is DOP tested and labeled</li> <li>• Appropriate R.P.E will be worn by all operatives during removal works</li> <li>• Appropriate P.P.E will be worn by all operatives during removal works</li> <li>• The work area will be a restricted area and an exclusion zone with appropriate warning signs to prevent unauthorized entry will be in effect</li> </ul>
Manual Handling	<ul style="list-style-type: none"> <li>• All items handled by any single operative will be below 20 Kgs</li> <li>• Items exceeding 20 Kgs will be handled by at least 2 operatives</li> <li>• All operatives have been instructed in Manual Handling Techniques</li> </ul>
Noise & Vibration	<ul style="list-style-type: none"> <li>• All machinery is CE rated and has been tested and proved to be below acceptable levels for noise &amp; vibration</li> <li>• Appropriate Ear Protection &amp; Hand Protection are available to the operator</li> </ul>
Slips, Trips & Falls	<ul style="list-style-type: none"> <li>• Good Housekeeping Practices</li> <li>• Well Maintained Lighting System</li> </ul>
Bumps & Bruises	<ul style="list-style-type: none"> <li>• Person Protective Equipment, Footwear to be Used</li> <li>• Adequate First Aid Supplies for Bumps &amp; Bruises</li> </ul>



### Site Layout



There will be fencing and screening along both sides of the roadway while works are on-going. Waste will be stored on the clean concrete Footpath adjacent to work area & removed from site when quantities build up





**From:** [Jim Fanning](#)  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Bcc:** [Darren Arkins](#)  
**Subject:** Re: Stepside Golf Centre  
**Date:** 08 June 2016 18:07:51

---

Hi [REDACTED]  
That's ok. I presume PSDP has been appointed. PSCS or PSDP may have additional input into methodology. Also analyst may have advice further to test results.  
Thanks  
Jim

On 8 Jun 2016, at 10:01, [REDACTED] <[\[REDACTED\]@ieservices.ie](#)> wrote:

Jim,

Enda is meeting with Hegarty Demolition and the client at Stepside Golf Centre this afternoon to arrange starting work tomorrow, Thursday 9<sup>th</sup> June. Site mobilisation will be completed tomorrow.

Regards  
[REDACTED]

---

**From:** Jim Fanning [mailto:[jim\\_fanning@hsa.ie](mailto:jim_fanning@hsa.ie)]  
**Sent:** 07 June 2016 17:55  
**To:** [REDACTED] <[\[REDACTED\]@ieservices.ie](#)>  
**Subject:** RE: Stepside Golf Centre

Thanks [REDACTED]

---

**From:** [REDACTED] [mailto:[\[REDACTED\]@ieservices.ie](#)]  
**Sent:** 07 June 2016 17:35  
**To:** Jim Fanning  
**Cc:** Noel  
**Subject:** Stepside Golf Centre

Jim,

Please find attached revised method statement as discussed.

[REDACTED]  
Insulation & Environmental Services Ltd.  
087 [REDACTED]

\*\*\*\*\*

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager.

From: [REDACTED]  
To: [REDACTED]; [Darrin Arkins](#)  
Subject: RE: disposal and containment at Kilsaran Quarry  
Date: 08 June 2016 12:42:19  
Attachments: [image001.png](#)

Hi Jim,  
I know you are at the asbestos conference. I am too but just stepped out for a quick conf call. If you have a chance (possibly after the conference) could we have a few minutes to discuss the requirement of the section 55 re material being returned to the quarry (see relevant section below).

## SCHEDULE OF MEASURES

Measures & Timescale
Remove all potential asbestos bearing rock that was delivered by Kilsaran in the past month to the sites in Co. Wicklow listed in Appendix 1 of this Notice back to their source location in Ballinclare Quarry, Kilbride, Co. Wicklow. This work is to be completed within 40 days commencing on the date of service of this Notice.
Provide methodologies for each of the sites for the removal of the asbestos bearing rock and its transport back to Ballinclare Quarry for approval to the Health and Safety Authority (HSA) prior to works commencing on each site.
Provide methodologies to the HSA for approval for the placing of the asbestos bearing rock back in the quarry.
Provide within 7 days of the date of service of this Notice details of the measures to be used for the temporary covering of the returned asbestos bearing rock and the blasted asbestos bearing rock that is currently on site in the quarry pending the final permanent covering of the material to be agreed with the EPA.
Ensure that all contractors engaged in the removal and transport of the asbestos bearing material have the appropriate authorisation and training.
Implement a programme of weekly dust and air sampling at the Ballinclare Quarry and forward copies of the results and report to Wicklow County Council and the HSE.

SIGNED: .

This communication contains information which is confidential, and is for the exclusive use of the addressee(s). If you are not a named addressee please contact the sender immediately, and delete the communication from your system. Any views or opinions presented are solely those of the author and do not necessarily represent AWN Consulting Limited unless specifically stated.

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AWN Consulting Limited registered in Ireland No. 319812

**From:** [REDACTED]  
**To:** [Jim Fanning](mailto:Jim.Fanning)  
**Cc:** [REDACTED]  
**Subject:** RE: Stepside Golf Centre  
**Date:** 08 June 2016 10:01:30

---

Jim,

Enda is meeting with Hegarty Demolition and the client at Stepside Golf Centre this afternoon to arrange starting work tomorrow, Thursday 9<sup>th</sup> June.  
Site mobilisation will be completed tomorrow.

Regards  
Dermot.

---

**From:** Jim Fanning [mailto:[jim\\_fanning@hsa.ie](mailto:jim_fanning@hsa.ie)]  
**Sent:** 07 June 2016 17:55  
**To:** [REDACTED] <[\[REDACTED\]@ieservices.ie](mailto:[REDACTED]@ieservices.ie)>  
**Subject:** RE: Stepside Golf Centre

Thanks Dermot.

---

**From:** [REDACTED] [mailto:[\[REDACTED\]@ieservices.ie](mailto:[REDACTED]@ieservices.ie)]  
**Sent:** 07 June 2016 17:35  
**To:** Jim Fanning  
**Cc:** Noel  
**Subject:** Stepside Golf Centre

Jim,

Please find attached revised method statement as discussed.

[REDACTED]  
Insulation & Environmental Services Ltd.  
087 [REDACTED]

\*\*\*\*\*

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager.

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This footnote also confirms that this email message has been swept for the presence of computer viruses.

\*\*\*\*\*

**From:** [REDACTED]  
**To:** [Jim Fanning](#)  
**Cc:** [Noel](#)  
**Subject:** Stepside Golf Centre  
**Date:** 07 June 2016 17:35:00  
**Attachments:** [Method Statement-Excavation and packaging of asbestos containing materials at Stepside Golf Centre \(Rev. 1\).doc](#)

---

Jim,

Please find attached revised method statement as discussed.

[REDACTED]  
Insulation & Environmental Services Ltd.

087 [REDACTED]

**Excavation and Packaging of Asbestos Containing Materials**

**at**

**Step-a-side Golf Centre.**

Insulation & Environmental Services Ltd.

Tel. 01 4016118

Revision 1

## Insulation & Environmental Services Ltd.

### METHOD STATEMENT

#### Excavation and Packaging of asbestos containing materials at Stepside Golf Centre

##### Contract Details

**1.1 Site Name & Address**

Stepaside Golf Centre  
Stepaside  
County Dublin

**1.2 Client Details**

Kilsaran Build  
Piercetown  
Dunboyne  
Co. Meath.

**1.3 PSDP**

TBC

**1.4 PSCS**

Hegarty Demolition Ltd  
Contact : [REDACTED]

**1.5 Asbestos Contractor**

Insulation & Environmental Services Ltd.  
Unit 56, Block 503  
Greenogue Business Park  
Rathcoole  
Dublin.  
Contact : [REDACTED]

**1.6 Analyst**

About Safety Ltd  
Contact: [REDACTED]

**1.7 Location on site**

Gravel containing asbestos has been spread on access roadway.  
Effected area = 1,100 square metres.

**1.8 Asbestos Type**

Gravel containing asbestos (Actonolite)

**1.9 Enforcing Authority**

Health & Safety Authority

**1.10 Notification**

This project is notifiable to the Health & Safety Authority in accordance with SI No. 386.

**1.12 Legislation**

- ❖ Safety, Health and Welfare at Work (Exposure to Asbestos) Regulations 2006-2010.
- ❖ Safety, Health & Welfare at Work (Construction) Regulations 2013
- ❖ European Communities (Asbestos Waste) Regulations 1990

**1.13 Scope of Work**

The work involves the excavation, packaging and safe disposal of approximately 80 tonne of gravel contaminated with asbestos.

**1.14 Duration & Working Hours**

Duration : 10 days  
Start Date : TBC  
Completion Date : TBC

**Working Hours**

Mon – Thurs	08.00 – 18-00
Fri.	08.00 – 15.30

**1.15 Site supervisor & first aider**



**1.16 No. of workers**

- 1 Site site supervisor
- 2 x asbestos operatives
- 1 x excavator driver (Hegarty Demolition Ltd.)
- 1 x tele-handler driver (Hegarty Demolition Ltd.)

**1.17 Hygiene Facilities**

Contractor's compound to be set-up on site on the hard standing area adjacent to the pavilion. On site toilet and welfare facilities to be provided by Hegarty Demolition Ltd and located in contractors compound.

Decontamination unit will be installed within the contractor's compound.

**1.18 Site Induction**

IES personnel will have the following training;

- ❖ Safe-pass
- ❖ Asbestos Operative
- ❖ Manual Handling

Insulation & Environmental Services Ltd personnel arriving on site, before commencing work will receive a safety induction provided by Hegarty Demolition Ltd.

Hegarty Demolition personnel operating machines will have the following training.

- Safe-pass
- Asbestos awareness
- CSCS – Excavator
- CSCS – Tele-handler

## 2.0 Method of Work

### 2.1 Preparatory Work

#### Security

Harres fencing will be erected around the work site to prevent unauthorized. Appropriate signage will be erected and clearly detailing the presence of asbestos containing materials.

The works perimeter will be secured at the end of each working day

#### Inspection for underground services

Before work commences a CAT scan of the area will be carried out by a competent person.

### 2.2 Excavation and packaging of asbestos containing materials

#### PPE

Disposable overall (blue)

Half face mask (P3)

Safety boots

Hi-vis vest

Gloves

#### Equipment

1 x 3 tonne excavator

1 x telehandler

#### Materials

1000g polythene

Tape 75mm pcl

FIBC (1 tonne)

Excavation work will be carried out under the supervision of the IES site supervisor.

Work will commence at the club house pavilion and progress along the access road parallel to the driving range.

**The polythene sheet covering the asbestos will be carefully removed and the underlying material sprayed with Idenden 30-330 wetting agent, applied using an airless spray.**

The polythene cover will be carefully folded, placed in red asbestos bags and deposited in FIBCs.

A scraping of approximately 50 – 100mm will be taken off the surface of the access road using an excavator fitted with a flat bucket.

The asbestos containing materials will be lifted by the excavator and placed directly into the FIBC.

The polythene lined FIBC will be positioned on the forks of the tele-handler, with the bag in the full open position to receive the acm.

**As the bag is being loaded, the waste material will be mist sprayed with wetting agent at point of discharge using airless spray.**

The bag will be part filled sufficient to allow the neck of the liner and the bag to be sealed securely.

The neck of the liner will be tightly twisted and fully sealed with 75mm duct-tape.

Similarly, the neck of the bag will be sealed and finally tied with the cords fitted to the bag. The filled FIBC will be taken directly to the waste storage compound by the tele-handler.

Following completion of the works the excavator and tele-handler will be wiped down with tac-rags before being removed from site.





**From:** [REDACTED]  
**To:** [AsbestosNotif](#)  
**Cc:** [Noel](#)  
**Subject:** Stepside Golf Centre  
**Date:** 07 June 2016 15:37:29  
**Attachments:** [Method Statement-Excavation and packaging of asbestos containing materials at Stepside Golf Centre.doc](#)  
[Risk Assesement -Excavation & Packaging of Asbestos Contaminated Gravel at Stepside Golf Centre..doc](#)  
[Asbestos Notification Form- Stepside Golf centre.docx](#)  
[Site Sketch- Stepside Golf Centre.pdf](#)

---

Please find attached notification and method statement for proposed work at Stepside Golf Centre.

[REDACTED]  
Insulation & Environmental Services Ltd.

087 [REDACTED]

**Excavation and Packaging of Asbestos Containing Materials**

**at**

**Stepaside Golf Centre.**

Insulation & Environmental Services Ltd.

Tel. 01 4016118

## Insulation & Environmental Services Ltd.

### METHOD STATEMENT

#### Excavation and Packaging of asbestos containing materials at Stepside Golf Centre

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Stepaside  
County Dublin

**1.2 Client Details**

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Dunboyne  
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**1.3 PSDP**

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**1.4 PSCS**

Hegarty Demolition Ltd  
Contact : [REDACTED]

**1.5 Asbestos Contractor**

Insulation & Environmental Services Ltd.  
Unit 56, Block 503  
Greenogue Business Park  
Rathcoole  
Dublin.  
Contact : [REDACTED]

**1.6 Analyst**

About Safety Ltd  
Contact: [REDACTED]

**1.7 Location on site**

Gravel containing asbestos has been spread on access roadway.  
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**1.15 Site supervisor & first aider**

Paul Quinn (085 8516385)

**1.16 No. of workers**

1 Site site supervisor  
2 x asbestos operatives  
1 x excavator driver (Hegarty Demolition Ltd.)  
1 x tele-handler driver (Hegarty Demolition Ltd.)

**1.17 Hygiene Facilities**

Contractor's compound to be set-up on site on the hard standing area adjacent to the pavilion. On site toilet and welfare facilities to be provided by Hegarty Demolition Ltd and located in contractors compound.

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## **2.0 Method of Work**

### **2.1 Preparatory Work**

#### **Security**

Harres fencing will be erected around the work site to prevent unauthorized. Appropriate signage will be erected and clearly detailing the presence of asbestos containing materials.

The works perimeter will be secured at the end of each working day

#### **Inspection for underground services**

Before work commences a CAT scan of the area will be carried out by a competent person.

### **2.2 Excavation and packaging of asbestos containing materials**

#### **PPE**

Disposable overall (blue)

Half face mask (P3)

Safety boots

Hi-vis vest

Gloves

#### **Equipment**

1 x 3 tonne excavator

1 x telehandler

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FIBC (1 tonne)

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The bag will be part filled sufficient to allow the neck of the liner and the bag to be sealed securely.

The neck of the liner will be tightly twisted and fully sealed with 75mm duct-tape.

Similarly, the kneck of the bag will be sealed and finally tied with the cords fitted to the bag. The filled FIBC will be taken directly to the waste storage compound by the tele-handler.

Following completion of the works the excavator and tele-handler will be wiped down with tac-rags before being removed from site.



# Insulation & Environmental Services Ltd.

## Risk Assessment Form

Location: Stepside Golf Centre	Contract: Excavation & Packaging of contaminated gravel.	No of Staff Involved: 3
Assessor: D Corrigan	Date: June 2016	Job Ref: 16-0306

Risk Rating Criteria: ( P ) x ( E ) x ( C ) = ( R )			
<b>Possibility of Risk: ( P )</b>	<b>Exposure to the Risk: ( E )</b>	<b>Consequences: ( C )</b>	<b>Risk Rating: ( R )</b>
10 Can be expected	10 Continuously	100 Catastrophe, many deaths	> 320 Very high. Consider stopping activities
6 Possible	6 Daily during working hours	40 Disaster, several deaths	160-320 High. Immediate actions required
3 Unusual but possible	3 Weekly or incidental	15 Very severe, one death	70-160 Substantial Correction needed
1 Only possible on long term	2 Monthly	7 Substantial, severe injury	20-70 Possible Attention needed
0.5 Very Unusual	1 Few times a year	3 Important, lost work day	< 20 Light Acceptable
0.2 Almost impossible	0.5 Seldom	1 Meaningful, first aid required	
0.1 Absolutely impossible			

Activity	Hazards & Persons Affected	( P )	( E )	( C )	( R )	Control Measures	( P )	( E )	( C )	( R )
Site Set Up	IES personnel , others struck/crushed during unloading of materials	6	2	7	84	Location of set down area to be agreed in advance with client. Personnel to wear hi-vis vests.	0.5	2	7	7
	Slips, Trips & Falls	6	2	1	12	Set down area to be kept clear of all trip hazards. High standard of housekeeping to be maintained throughout the project.	0.5	2	1	1
	Injury from heavy lifting	6	2	3	36	Always use mechanical aid where possible & correct manual handling techniques	0.5	2	3	3
	Cuts & abrasions	6	2	1	12	Correct use of PPE	0.5	2	1	1
Transport of materials to work Area	Contact with other employees.	6	2	3	36	Use designated transit routes. Other staff to be precluded from work area.	0.5	2	3	3
	Injury from heavy lifting	6	2	3	36	Manual handling techniques, two man lifts, manageable loads Work areas to be cleared of any equipment / obstructions before works commence	0.5	2	3	3
Excavation and packaging of waste	IES personnel exposed to asbestos fibres	6	6	15	540	Material containing asbestos to be sprayed with fibre suppressant. IES personnel to wear PPE / RPE as per method statement.	0.2	6	15	18
	Struck/crushed by machine.	6	2	3	36	IES personnel to wear hi-vis clothing. Machines to be operated by trained and competent persons. Site supervisor to be in attendance at all times.	0.5	3	2	3
	Other site employees exposed to asbestos fibres	6	2	15	270	Work areas to be demarcated using harres fencing and signage. Non IES personnel to be excluded from the work	0.2	2	15	6

## Insulation & Environmental Services Ltd. Risk Assessment Form

						area.				
	Electrocution	6	2	15	270	Cat scan to be carried out by Hegarty Demolition to check for underground cables. Only 110v plant & equipment to be used. Operators to carry out visual inspections on equipment and leads before use.	0.2	2	15	6
<b>Waste disposal</b>	IES personnel/others exposed to asbestos fibres.	3	6	15	270	All asbestos waste to be placed in lined fibcs. Each package will carry the appropriate warning labels. The asbestos will be removed from site under permit & WT form.	0.2	6	15	18



## NOTIFICATION FORM TO BE USED FOR ANY WORK INVOLVING ASBESTOS

(S.I. No. 386 of 2006, Regulation 11 – Notification)(as amended by S.I. 589 of 2010)

Removal, repair or encapsulation of lagging, insulation or other materials containing asbestos i.e. work other than activities meeting the requirements of Reg 5(b) of S.I. No. 386 of 2006 ).

This form must be submitted 14 days prior to the start of such work to:-

1. [Asbestosnotif@hsa.ie](mailto:Asbestosnotif@hsa.ie) or
2. Health & Safety Authority, Occupational Hygiene Unit, The Metropolitan Building, James Joyce Street, Dublin 1

### For office use

EMP No:	EPOW No:	Notif No:

### For Notifier to complete

<b>Date of Notification:</b>	<b>22/02/2016</b>
<b>Name of Notifier:</b> Insulation & Environmental Services Ltd	<b>Address:</b> (usual place of business) Unit 56, Block 503 Greenogue Business Park Rathcoole, County Dublin
<b>Telephone:</b> 01-4016118	
<b>Name of Client:</b> Kilsaren Build	<b>Removal Contractor contact details:</b>
<b>Contact details of Client:</b> -----	(a) <b>Name of person dealing with removal works:</b> ██████████
	(b) <b>Telephone No. of contact person</b> 087 ██████████
<b>Address of Asbestos/Work Site:</b> Stepside Golf Centre.	
<b>Scheduled Start Date:</b> TBC	<b>Estimated Completion Date:</b> TBC
<b>Smoke Test Date:</b> N/A	<b>No. of workers:</b> 5
<b>Type, form and quantity of asbestos likely to be involved:</b> (e.g. amosite ceiling tiles 30m <sup>2</sup> , amosite pipe lagging, 6 linear meters) <b>Gravel containing asbestos (Actinolite)</b> Approximately 25 tonne spread over an area of approximately 1,100 square metres.	
<b>Location(s) of asbestos containing materials at the worksite:</b> Access laneway to driving range.	
<b>Asbestos activities or processes involved :</b> (e.g. removal, repair, encapsulation/plant involved etc) Excavation and packaging.	
<b>Dust suppression methods to be used:</b> (e.g. wet stripping, shadow vacuuming) Mist spray.	
<b>Brief description of the manner in which the work is to be done :</b> (A copy of the plan of work , with site drawing, supplied to the client <b>must</b> be submitted with this notification to the Authority)	

See attached method statement

**Method Statement Attached:**  
Yes

- *Request for waivers must be accompanied by full justification from the client company and a copy of the plan of work.*
- *Where there is a change of a material nature in the carrying out of the activity to which this notification relates, the employer shall inform the Authority of that change in writing and submit a new notification for the purposes of these Regulations advising the Authority in writing of the reasons for this new notification.*

-----Original Message-----

From: Jim Fanning <jim\_fanning@hsa.ie>

Sent: 06 June 2016 23:06

To: [REDACTED] <[REDACTED]@awnconsulting.com>

Cc: Darren Arkins <darren\_arkins@hsa.ie>

Subject: Re: A Fox Ashford Site - query re approach

Hi [REDACTED]

Re: Removal of stockpile material.

Methodology as set out in Gravity's MS is satisfactory to commence works. A site visit may be arranged to see it in action. I will be in touch in the morning.

Kind regards

Jim Fanning

> On 6 Jun 2016, at 22:36, [REDACTED] <[REDACTED]@awnconsulting.com> wrote:

>

> Hi Jim,

> Re A Fox Ashford site. I have attached the results of extensive soil sampling we did at this site and a draft figure showing sampling points. The dust was a small quantity ( 19 tonnes of 0/6mm) used on the two access roads for a hunter trial type event at fence areas. You will see that the results are very low. Of particular note is the area of the old mill road.

>

> Fergal and I would like to discuss the HSA view of the safety of leaving this in place. Actinolite is present but generally at 0.001 % with some local exceedances ( max 0.007%). Based on IOM research work ( CIRIA doc by Paul Nathaniel etc) at this concentration there is a very low potential of exceeding the HSA Asbestos Workplace Exposure Limit of 0.1 fibres / ml (0.1 fibres/cm<sup>3</sup> based on this concentration. I know this is not an Irish legislative standard but I would appreciate if we could have a discussion on this at a time that suits you in the morning.

>

> Note we would still like to proceed with removing the material in stockpile etc so still need a methodology approval for this site. Note we are having "legal " issues with the sea road site which you have already approved so if possible we would like to get Gravity on to the Ashford site while waiting approval from the land owner at Sea Road.

>

> I am available tomorrow and contactable at 087 2355042. [REDACTED] is available at 087 2833192. I will be at the Ashford site from 8.30 AM . Again thank you for your quick response to date it is greatly appreciated.

>

> Regards

>

> [REDACTED]

> [REDACTED]

> AWN Consulting

> The Tecpro Building  
> IDA Business and Technology Park  
> Clonshaugh  
> Dublin 17  
>  
> Click for map  
> e: [REDACTED][awnconsulting.com](mailto:[REDACTED]@awnconsulting.com)  
> t: [REDACTED]  
> f: +353.1.847.4257  
> w: [www.awnconsulting.com](http://www.awnconsulting.com)  
>  
> View my LinkedIn profile  
> Please consider the environment before printing this email.  
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> AWN Consulting Limited registered in Ireland No. 319812  
>  
>  
> -----Original Message-----  
> From: Jim Fanning [[mailto:jim\\_fanning@hsa.ie](mailto:jim_fanning@hsa.ie)]  
> Sent: 06 June 2016 22:01  
> To: [REDACTED] <[REDACTED][gravityconstruction.ie](mailto:[REDACTED]@gravityconstruction.ie)>  
> Cc: Darren Arkins <[darren\\_arkins@hsa.ie](mailto:darren_arkins@hsa.ie)>; [REDACTED]  
> <[REDACTED][kilsaran.ie](mailto:[REDACTED]@kilsaran.ie)>; [REDACTED] <[REDACTED][awnconsulting.com](mailto:[REDACTED]@awnconsulting.com)>  
> Subject: Re: A Fox Ashford Site  
>  
> That's ok PJ. Seen and noted.  
> Jim Fanning  
>  
> On 6 Jun 2016, at 18:21, [REDACTED]  
> <[REDACTED][gravityconstruction.ie](mailto:[REDACTED]@gravityconstruction.ie)<[mailto:\[REDACTED\]@gravityconstruction.ie](mailto:[REDACTED]@gravityconstruction.ie)>> wrote:  
>  
>  
> Hi Jim/Darren,  
>  
>  
> As discussed with [REDACTED] earlier this eve I have attached our method  
> statement, risk assessment and plan of work for Remediation works on  
> Ashford Studfarm  
>  
>  
> On review of the same can you come back to me if you have any  
> concerns, if all is ok we would like to commence works straight away

>  
>  
> Thank you guys  
>  
>  
> Regards,  
>  
>  
> [REDACTED]  
>  
> [REDACTED]  
>  
> [https://ci5.googleusercontent.com/proxy/NkPGxVpIN1mNpfyWEXCcnpzcwOodb  
> 2KOxz9RmNVEMCEPoCbKXx\_haq\_PrI9qzOX1fegKu1WtkV31giNf5g0Pim7DYzBBSLo6JXs  
> EMw\_LvzZLD85XxwcrIXXEGCfwR7-GRzqvZEv\_K1WGZ65B7hq7Gw1cT4r-  
Ouy6i3cbUC3MQ  
> QLFSehh5ePY0BOinL5spwx4vVfI3zixB8Xc6EY=s0-d-e1-ft#https://docs.google.  
> com/uc?export=download&id=0B9Y64twXgHqPYVhhdVpMckdBUjg&revid=0B9Y64twX  
> gHqPc3prampHZGZsSFhGaU1pVnlCbzJQWWNiZ0jrPQ]  
> Barntown  
> Wexford  
> Ireland  
>  
> Mob. +353 (0) 87 [REDACTED] [tel:%2B353%20%280%29%2087%20\[REDACTED\]](tel:%2B353%20%280%29%2087%20[REDACTED])  
>  
> Office 1890 111 222  
> Email [REDACTED] [gravityconstruction.ie<mailto:\[REDACTED\]@gravityconstruction.ie>](mailto:[REDACTED]@gravityconstruction.ie)  
> Web [www.gravitycon<http://www.gravityconstruction.ie/>struction.ie<http://struction.ie><http://www.gravityconstruction.ie/>](http://www.gravityconstruction.ie)  
>  
>  
> Asbestos Removal & Disposal / Land Remediation / Cladding & Re-Roofing  
> / Steel Erecting & Rigging / ESB Pylons  
>  
>  
>  
> <Ashford Stud designated work areas.pdf> <Site set up.pdf> <Gravity -  
> Method Statement & Risk Assessment for Ashford.doc>  
> \*\*\*\*\*  
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## Final Report

---

**Report No.:** 16-12961-1

**Initial Date of Issue:** 06-Jun-2016

**Client** AWN Consulting

**Client Address:** The Tecpro Building  
Clonshaugh Business and Techno  
Dublin 17  
Ireland  
Ireland

**Contact(s):** [REDACTED]  
[REDACTED]

**Project** 16-9020 Ashford

**Quotation No.:** **Date Received:** 02-Jun-2016

**Order No.:** **Date Instructed:** 02-Jun-2016

**No. of Samples:** 30

**Turnaround (Wkdays):** 2 **Results Due:** 03-Jun-2016

**Date Approved:** 06-Jun-2016

**Approved By:**  
[REDACTED]

**Details:** [REDACTED]

---

**Project: 16-9020 Ashford**

<b>Client: AWN Consulting</b>		<b>Chemtest Job No.:</b>			16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	
Quotation No.:		<b>Chemtest Sample ID.:</b>			303074	303075	303076	303077	303078	303079	303080	303081	303082	
Order No.:		Client Sample Ref.:			Main Entrance	Main Entrance	Main Entrance	Main Entrance	Main Entrance	Main Entrance	Main Entrance	Main Entrance	Main Entrance	
		Client Sample ID.:			SS1	SS2	SS3	SS4	SS5	SS6	SS7	SS8	SS9	
		Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Date Sampled:			31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	
<b>Determinand</b>	<b>Accred.</b>	<b>SOP</b>	<b>Units</b>	<b>LOD</b>										
ACM Type	U	2192		N/A	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	-	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	-	Fibres/Clumps
Asbestos Identification	U	2192	%	0.001	Actinolite	Actinolite	Actinolite	No Asbestos Detected	Actinolite	Actinolite	Actinolite	Actinolite	No Asbestos Detected	Actinolite
Asbestos by Gravimetry	U	2192	%	0.001	0.001	0.005	0.002		0.006	0.001	0.002			0.004
Total Asbestos	N	2192	%	0.001	0.001	0.005	0.002		0.006	0.001	0.002			0.004

## Results - Soil

**Project: 16-9020 Ashford**

<b>Client: AWN Consulting</b>		<b>Chemtest Job No.:</b>			16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961
Quotation No.:		<b>Chemtest Sample ID.:</b>			303083	303084	303085	303086	303087	303088	303089	303090	303091
Order No.:		Client Sample Ref.:			Main Entrance	Main Entrance	Main Entrance	Main Entrance	Main Entrance	Main Entrance	Main Entrance	Pump Station	Pump Station
		Client Sample ID.:			SS10	SS11	SS12	SS13	SS14	SS15	SS16	SS1	SS2
		Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Date Sampled:			31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016
<b>Determinand</b>	<b>Accred.</b>	<b>SOP</b>	<b>Units</b>	<b>LOD</b>									
ACM Type	U	2192		N/A	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps
Asbestos Identification	U	2192	%	0.001	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite
Asbestos by Gravimetry	U	2192	%	0.001	0.005	0.007	0.003	0.001	0.002	0.001	0.004	0.001	0.003
Total Asbestos	N	2192	%	0.001	0.005	0.007	0.003	0.001	0.002	0.001	0.004	0.001	0.003

## Results - Soil

**Project: 16-9020 Ashford**

<b>Client: AWN Consulting</b>	<b>Chemtest Job No.:</b>				16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961	16-12961
Quotation No.:	<b>Chemtest Sample ID.:</b>				303092	303093	303094	303095	303096	303097	303098	303099	303100
Order No.:	Client Sample Ref.:				Pump Station	Pump Station	Pump Station	Pump Station	Pump Station	Pump Station	Old Mill Road	Old Mill Road	Old Mill Road
	Client Sample ID.:				SS3	SS4	SS5	SS6	SS7	SS8	SS1	SS2	SS3
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Date Sampled:				31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016	31-May-2016
<b>Determinand</b>	<b>Accred.</b>	<b>SOP</b>	<b>Units</b>	<b>LOD</b>									
ACM Type	U	2192		N/A	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps
Asbestos Identification	U	2192	%	0.001	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite	Actinolite
Asbestos by Gravimetry	U	2192	%	0.001	0.001	0.001	0.003	0.001	0.001	0.001	0.001	0.001	0.001
Total Asbestos	N	2192	%	0.001	0.001	0.001	0.003	0.001	0.001	0.001	0.001	0.001	0.001

**Project: 16-9020 Ashford**

<b>Client: AWN Consulting</b>	<b>Chemtest Job No.:</b>				16-12961	16-12961	16-12961
Quotation No.:	<b>Chemtest Sample ID.:</b>				303101	303102	303103
Order No.:	Client Sample Ref.:				Old Mill Road	Old Mill Road	Old Mill Road
	Client Sample ID.:				SS4	SS5	SS6
	Sample Type:				SOIL	SOIL	SOIL
	Date Sampled:				31-May-2016	31-May-2016	31-May-2016
<b>Determinand</b>	<b>Accred.</b>	<b>SOP</b>	<b>Units</b>	<b>LOD</b>			
ACM Type	U	2192		N/A	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps
Asbestos Identification	U	2192	%	0.001	Actinolite	Actinolite	Actinolite
Asbestos by Gravimetry	U	2192	%	0.001	0.001	0.001	0.002
Total Asbestos	N	2192	%	0.001	0.001	0.001	0.002

## **Report Information**

### **Key**

---

- U UKAS accredited
- M MCERTS and UKAS accredited
- N Unaccredited
- S This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
- SN This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable Sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at our Coventry laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

### **Sample Deviation Codes**

---

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container

### **Sample Retention and Disposal**

---

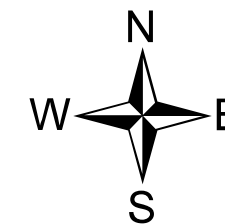
All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.co.uk](mailto:customerservices@chemtest.co.uk)



H3  
G16  
SS6  
SS4  
SS5  
SS2  
SS3  
SS1

H1  
G10

G15 Stockpile SS1-SS3

G11

H2  
G12

Jump6 SS14  
Jump4 SS10-SS12  
G14 Jump5 SS13

Jump3 SS7-SS9

Jump2 SS4-SS6

Jump1 SS1-SS3

G13

## Legend

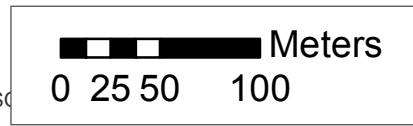
Sampling locations/ Type:

SS1 ● Soil sampling (01/06/2016)

G10 ■ Air sampling - Long test  
Sampled 31/05/2016

H1 ■ Air sampling - Long test  
Sampled 01/06/2016

# DRAFT



To Delgany

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

AWN licence no. EN 0007513  
Note: Drawing is for illustrative purposes only;  
Source: ESRI maps

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**AWN Consulting Ltd**  
The Tecpro Building,  
Clonschaugh Business & Technology Park  
Dublin 17,  
Tel: + 353 1 847 4220  
Fax: + 353 1 847 4257

<b>CLIENT:</b> Kilsaran Concrete	<b>PROJECT:</b> Sampling Programme	<b>DRAWN:</b> P.G.	<b>CHECKED:</b> T.H.	<b>APPROVED:</b> T.H.	<b>DATE:</b> 03/06/2016
<b>DRAWING TITLE:</b> Rosanna Estate (A. Fox)	Project Ref: TH/16/9020SR01	<b>Figure 1</b>		1	A3
		REVISION DESCRIPTION		SHEET	REV
					1:3,800

**From:** [Darren Arkins](#)  
**To:** [Jim Fanning](#)  
**Subject:** Re: A Fox Ashford Site  
**Date:** 06 June 2016 21:43:44

---

Thanks Jim,

Just read through. No problems either.

Chat tomorrow.  
Darren

Darren Arkins  
Senior Inspector, Chemicals and Prevention Division

Tel: [01-7997858](tel:01-7997858)  
Email: [darren\\_arkins@hsa.ie](mailto:darren_arkins@hsa.ie)  
Web: [www.hsa.ie](http://www.hsa.ie)

Health and Safety Authority,  
5th Floor, Government Buildings,  
The Glen, Waterford X91PO4E

---

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[HSA Facebook](#)  
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On 6 Jun 2016, at 21:40, Jim Fanning <[jim\\_fanning@hsa.ie](mailto:jim_fanning@hsa.ie)> wrote:

Hi Darren  
I don't have any problems with this - they're intending to start tomorrow morning.  
Jim

On 6 Jun 2016, at 18:21, [REDACTED] <[REDACTED][gravityconstruction.ie](http://gravityconstruction.ie)> wrote:

Hi Jim/Darren,

As discussed with [REDACTED] earlier this eve I have attached our method statement, risk assessment and plan of work for Remediation works on Ashford Studfarm

On review of the same can you come back to me if you have any concerns, if all is ok we would like to commence works straight away

Thank you guys

Regards,

[REDACTED]

[REDACTED]



Barntown  
Wexford  
Ireland

Mob. [+353 \(0\) 87 \[REDACTED\]](tel:+353087[REDACTED])

Office 1890 111 222

Email [\[REDACTED\]@gravityconstruction.ie](mailto:[REDACTED]@gravityconstruction.ie)

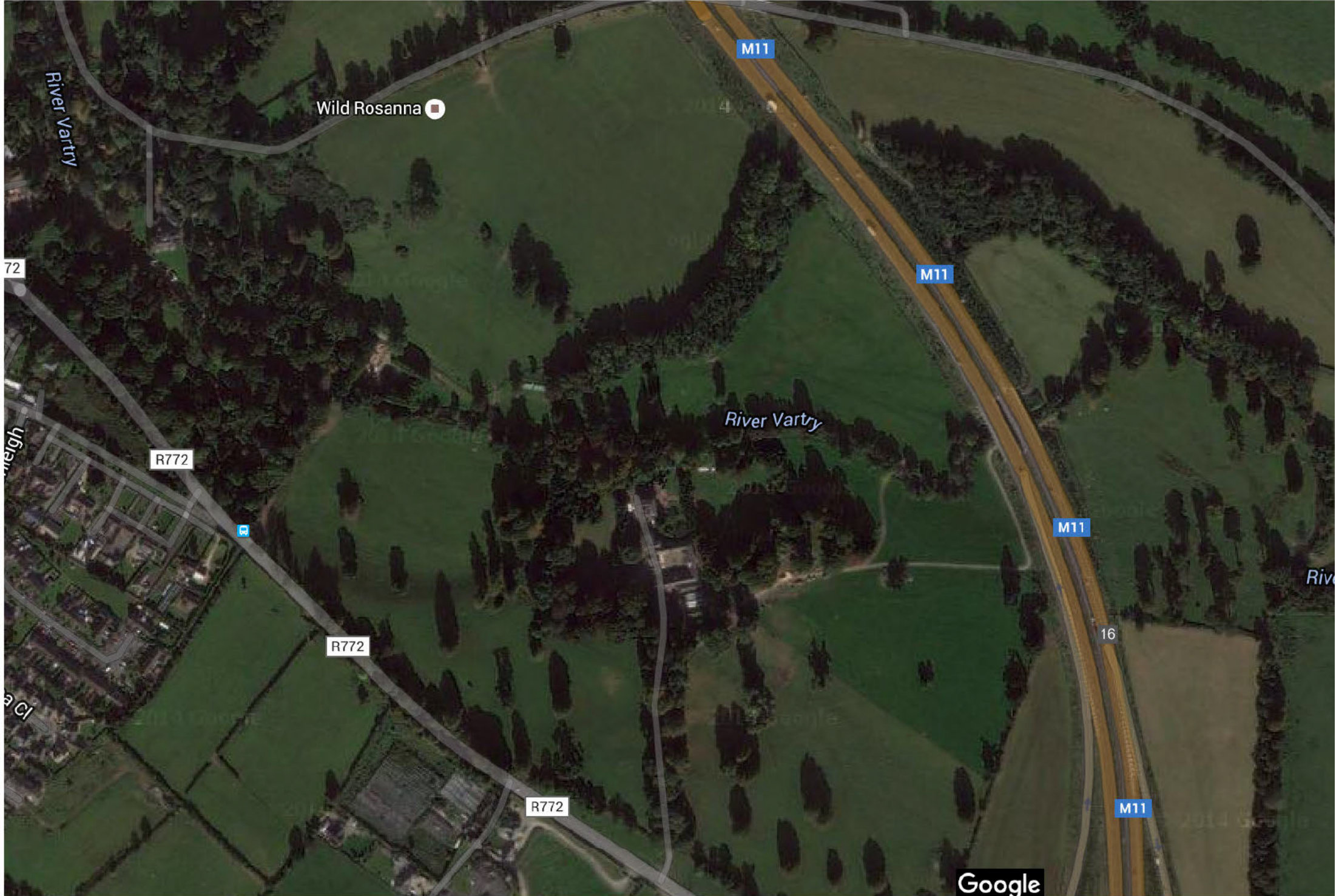
Web [www.gravityconstruction.ie](http://www.gravityconstruction.ie)

Asbestos Removal & Disposal / Land Remediation / Cladding & Re-Roofing /  
Steel Erecting & Rigging / ESB Pylons

<Ashford Stud designated work areas.pdf>

<Site set up.pdf>

<Gravity - Method Statement & Risk Assessment for  
Ashford.doc>



Wild Rosanna

M11

M11

M11

16

M11

R772

R772

R772

River Varty

Google





