

# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV020**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
**Michael Gilman**
- 3 The waste will be taken to (name, address and postcode):  
**Dunlon Technologies**  
**Lower Horseley Fields, WV1 3DT**  
**Tel: 01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291**

## PART B Description of the waste

if continuation sheet used tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **39.00**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)
- | Description of waste                             | List of wastes (EWC code) (6 digits)      | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|-------------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>1 7 0 6 0 5*</b><br><b>1 7 0 5 0 4</b> | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |
- The information given below is to be completed for each EWC identified
- | EWC code            | UN identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|---------------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>1 7 0 6 0 5*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>1 7 0 5 0 4</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

## PART D Consignor's Certificate

(if more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

- 1 Carrier name: **Clwyd Transport**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Clwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

- 2 Carrier registration no./reason for exemption: **CBDU3337**

- 3 Vehicle registration no. (or mode of transport, if not road): **PO15 XFT**

Signature **S Monahan**

Date **12022021** Time **0800**

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**Same as A4**

Signature **AQ**

Date **12022021** Time **0800**

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|

- 1 I received this waste at the address given in A3 on: Date \_\_\_\_\_ Time \_\_\_\_\_

- 2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

- 3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date

Time

Site Name and Job Number: \_\_\_\_\_

Site Manager: \_\_\_\_\_

[illegible]

# **APPENDIX F**

## **Air Monitoring Results**



# HFS

environmental

ASBESTOS MANAGEMENT & TESTING

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Bromley,  
Kent BR1 1RB

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|              |                                             |               |       |           |                      |      |            |
|--------------|---------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | 12509 | Report No | 12509-39-2 - Issue 1 | Date | 12/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |       |           |                      |      |            |

| Issue Number | Date       | Publisher         | Reason |
|--------------|------------|-------------------|--------|
| 1            | 12/02/2021 | HFS Environmental |        |

|                     |                                             |                           |     |               |                      |
|---------------------|---------------------------------------------|---------------------------|-----|---------------|----------------------|
| Client Details      | Statom Group                                |                           |     | Date          | 12/02/2021           |
| Site Address        | Lovedean Lane Waterlooville England PO8 0TD |                           |     | Job No        | 12509                |
| Contractors Details | Statom Group                                |                           |     | Report No     | 12509-39-2 - Issue 1 |
| Start time          | 10:15                                       | ID Number / Serial Number | 162 | Client Job No | 12509                |

|                                                                                              |     |                            |                                 |                                        |                     |
|----------------------------------------------------------------------------------------------|-----|----------------------------|---------------------------------|----------------------------------------|---------------------|
| Hygiene facilities are free from waste, debris, dust, contaminated clothing, waste bags etc? |     |                            | Yes                             |                                        |                     |
| Interior surfaces are free from debris and settled dust?                                     |     | Yes                        | <b>Inspection result</b>        |                                        | <b>Pass @ 11:30</b> |
| Are all areas dry?                                                                           | Yes | Air movers off and sealed? | Yes                             | Total brush disturbance time (minutes) | 1.5                 |
| Floor area of shower and dirty end (m <sup>2</sup> )                                         |     | 5                          | Number of air samples collected |                                        | 1                   |

| Sample No    | Pump No | Cowl No | Location           | Start Time | Finish Time | Volume | Reported Result |
|--------------|---------|---------|--------------------|------------|-------------|--------|-----------------|
| 12509-39-2-1 | SP-015  | AA-01   | Shower / dirty end | 11:30      | 12:07       | 488.4  | < 0.01 f/ml     |

| Sample No    | Start flow rate l/m | Finish flow rate l/m | Actual flow rate l/m | Total time (minutes) | Fibre count | Fields counted | Calculated Result |
|--------------|---------------------|----------------------|----------------------|----------------------|-------------|----------------|-------------------|
| 12509-39-2-1 | 13.2                | 13.2                 | 13.2                 | 37                   | 2           | 200            | 0.001             |

|                                   |         |                                     |         |
|-----------------------------------|---------|-------------------------------------|---------|
| Microscope no                     | MS-08   | Samples scanned using x10 objective | Yes     |
| Laboratory type                   | Mobile  | Exposed Filter Diameter (mm2)       | 22.5    |
| Laboratory reference              | LO17DYM | Flowmeter No:                       | FLO-019 |
| NPL Test Slide No                 | NPL-01  | Flowmeter No:                       | FLO-13  |
| Stage Micrometer No               | SM-09   | NPL Band 5 Achieved:                | Yes     |
| Barometer / Thermometer Reference | TB-001  | Graticule Diameter measured (µm):   | 100     |
| Air pressure (mb)                 | N/A     | Timepiece Reference                 | MOB-04  |
| Temperature (°C):                 | N/A     | Field Blank Result                  | N/A     |

Sampling and Testing is carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures.

NOTE:

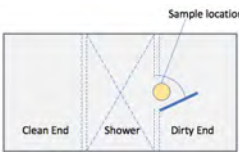
**(\*) UNCERTAINTY OF MEASUREMENT:** The lower limit of accurate measurement (fibre level, f/ml) of the above method is stated in HSG248 as about 0.010 fibres/ml. When the sample volume is equal to or greater than 480 litres and 200 graticule fields are examined, the result may be expressed as <0.01f/ml. For sample volumes below 480 litres and counts of less than 200 graticules, the lower limit of accurate measurement will be higher.

**(+) ACTUAL FLOW RATE:** Determined by averaging the calibrated intermediate flow rate and/or where differences in ambient temperatures and/or pressures between the calibration and sampling sites are greater than 5%.

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| <b>Visual inspection Result Pass Air Test Result Pass - The Hygiene Unit is cleared for re-use</b> |
|----------------------------------------------------------------------------------------------------|

|               |               |           |                                                                                     |      |            |      |       |
|---------------|---------------|-----------|-------------------------------------------------------------------------------------|------|------------|------|-------|
| Analysts Name | Tony Atherton | Signature |  | Date | 12/02/2021 | Time | 12:29 |
|---------------|---------------|-----------|-------------------------------------------------------------------------------------|------|------------|------|-------|

|              |                                              |               |       |           |                      |      |            |
|--------------|----------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | 12509 | Report No | 12509-39-2 - Issue 1 | Date | 12/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |       |           |                      |      |            |







Picture showing 'Dirty' end & Shower Unit (Maybe blank for handwritten copies)

Picture showing Air Sampling Pump (Maybe blank for handwritten copies)



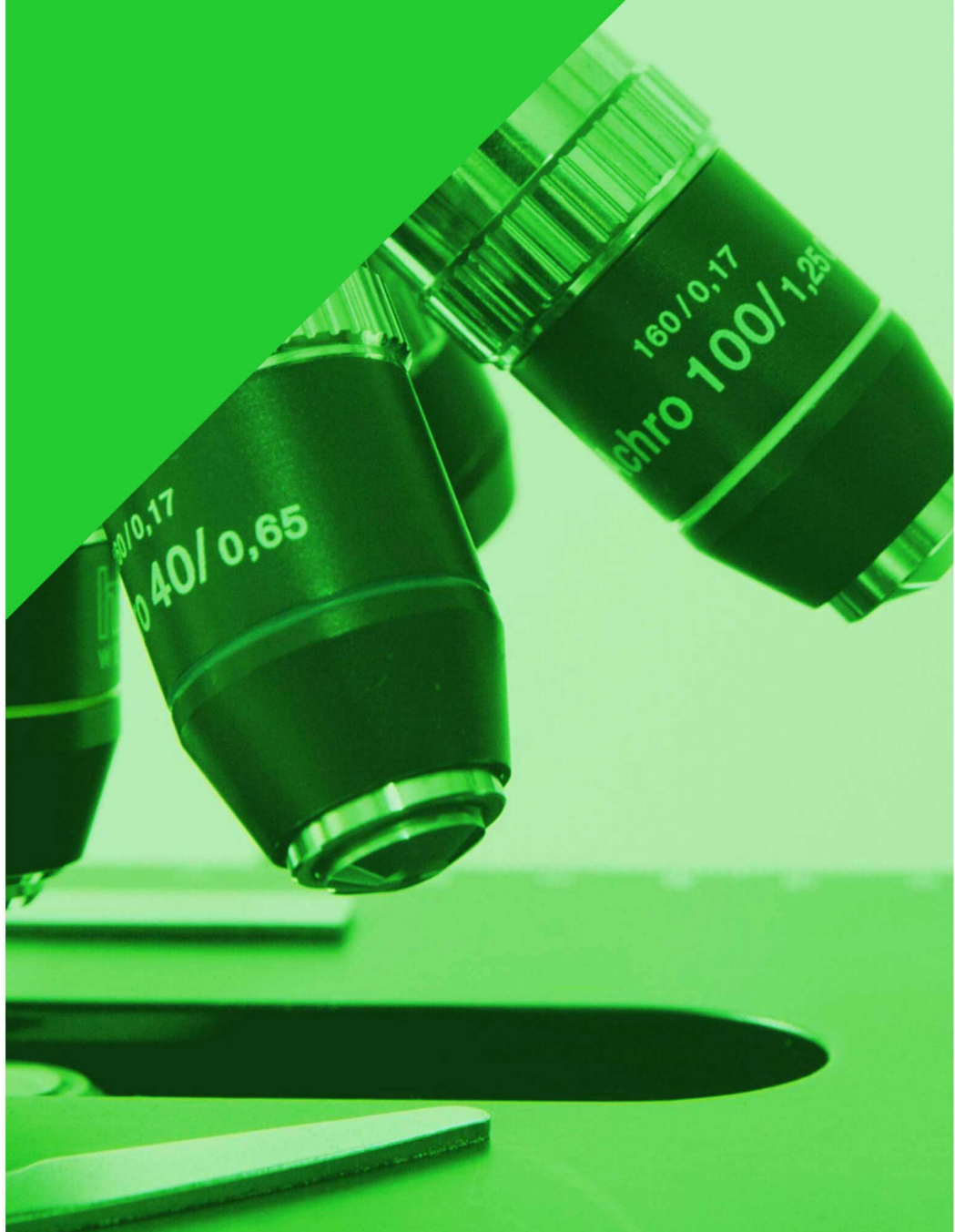
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|              |                                             |               |       |           |                      |      |            |
|--------------|---------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | 12509 | Report No | 12509-39-1 - Issue 1 | Date | 12/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |       |           |                      |      |            |

| Issue Number | Date       | Publisher         | Reason |
|--------------|------------|-------------------|--------|
| 1            | 12/02/2021 | HFS Environmental |        |

## Job Details

|                       |                                                                   |               |                      |
|-----------------------|-------------------------------------------------------------------|---------------|----------------------|
| Certificate Type      | Airborne Fibre Concentration                                      | Date          | 12/02/2021           |
| Client Details        | Statom Group                                                      | Job No        | 12509                |
| Site Address          | Lovedean Lane Waterloooville England PO8 0TD                      | Report No     | 12509-39-1 - Issue 1 |
| Contractors Details   | Statom group                                                      | Client Job No | 12509                |
| Location of work area | Plot 79 and 82                                                    | Start time    | 10:15                |
| Supervisors Name      | Tony Crane                                                        | Asbestos Type | Chrysotile           |
| Description of works  | Reassurance following removal of soil and asbestos debris to land |               |                      |

### Summary

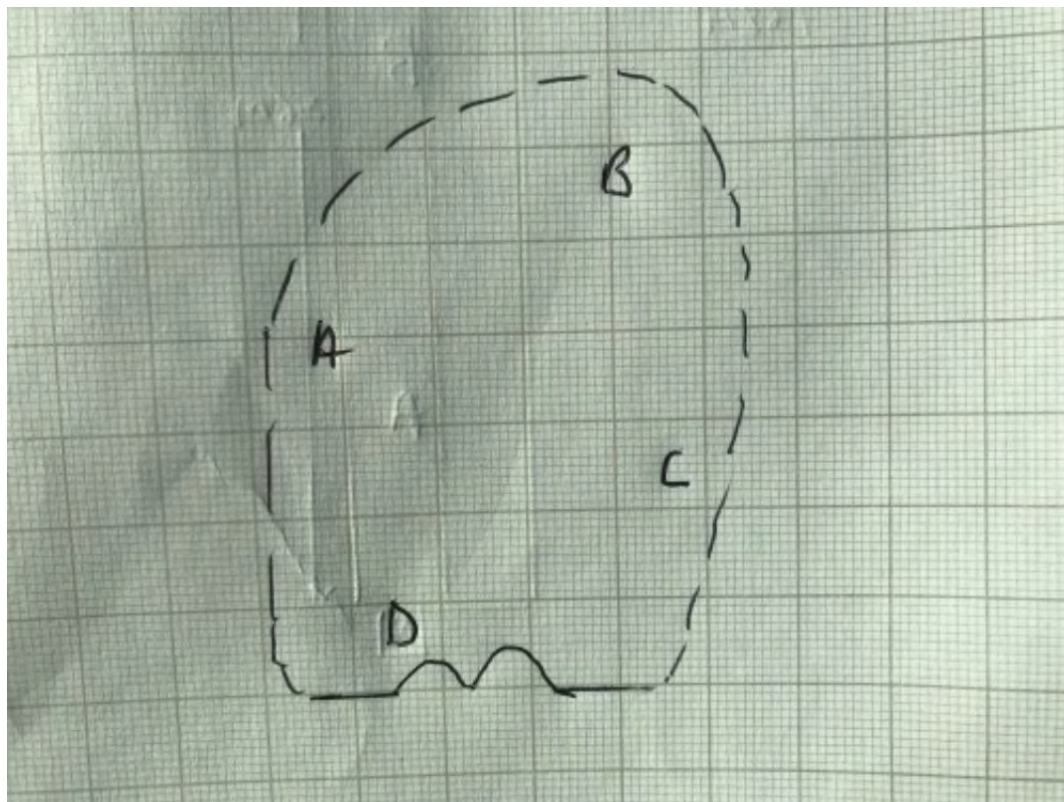
Air testing was carried out and the samples analysed under a microscope. A calculation was used to measure the airborne fibre levels (all respirable fibres were counted, not just asbestiform). The result of the air test/s in fibres per millilitre of air, were

| Sample       | Type        | Reason for Sampling         | Location       | Result      |
|--------------|-------------|-----------------------------|----------------|-------------|
| 12509-39-1-1 | Reassurance | Reassurance following works | Plot 79 and 82 | < 0.01 f/ml |
| 12509-39-1-2 | Reassurance | Reassurance following works | Plot 79 and 82 | < 0.01 f/ml |
| 12509-39-1-3 | Reassurance | Reassurance following works | Plot 79 and 82 | < 0.01 f/ml |
| 12509-39-1-4 | Reassurance | Reassurance following works | Plot 79 and 82 | < 0.01 f/ml |

|         |               |           |                                                                                     |      |       |      |            |
|---------|---------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|
| Analyst | Tony Atherton | Signature |  | Time | 11:52 | Date | 12/02/2021 |
|---------|---------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|

Opinions and interpretations contained within this report are outside of our UKAS accreditation. Sampling and testing was carried out in accordance with documented in-house test methods and procedures based on HSG248 (Test Procedures 1 and 2). Any deviations from these procedures are noted within the comments section of the report.

|              |                                              |               |       |           |                      |      |            |
|--------------|----------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | 12509 | Report No | 12509-39-1 - Issue 1 | Date | 12/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |       |           |                      |      |            |



|              |                                              |               |       |           |                      |      |            |
|--------------|----------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | 12509 | Report No | 12509-39-1 - Issue 1 | Date | 12/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |       |           |                      |      |            |

## Air Test Results

| Sample No    | Pump No | Cowl No | Location       | Start Time | Finish Time | Volume | Reported Result |
|--------------|---------|---------|----------------|------------|-------------|--------|-----------------|
| 12509-39-1-1 | SP-005  | AA-01   | Plot 79 and 82 | 10:38      | 11:15       | 488.4  | < 0.01 f/ml     |
| 12509-39-1-2 | SP-012  | AA-02   | Plot 79 and 82 | 10:39      | 11:16       | 488.4  | < 0.01 f/ml     |
| 12509-39-1-3 | SP-013  | AA-03   | Plot 79 and 82 | 10:40      | 11:17       | 488.4  | < 0.01 f/ml     |
| 12509-39-1-4 | SP-015  | AA-04   | Plot 79 and 82 | 10:41      | 11:18       | 488.4  | < 0.01 f/ml     |

| Sample No    | Start flow rate l/m | Finish flow rate l/m | Actual flow rate l/m | Total time (minutes) | Fibre count | Fields counted | Calculated Result |
|--------------|---------------------|----------------------|----------------------|----------------------|-------------|----------------|-------------------|
| 12509-39-1-1 | 13.2                | 13.2                 | 13.2                 | 37                   | 2           | 200            | 0.001             |
| 12509-39-1-2 | 13.2                | 13.2                 | 13.2                 | 37                   | 1           | 200            | 0.001             |
| 12509-39-1-3 | 13.2                | 13.2                 | 13.2                 | 37                   | 1           | 200            | 0.001             |
| 12509-39-1-4 | 13.2                | 13.2                 | 13.2                 | 37                   | 1           | 200            | 0.001             |

|                                   |         |                                     |         |
|-----------------------------------|---------|-------------------------------------|---------|
| Microscope no                     | MS-08   | Samples scanned using x10 objective | Yes     |
| Laboratory type                   | Mobile  | Exposed Filter Diameter (mm2)       | 22.5    |
| Laboratory reference              | LO17DYM | Flowmeter No:                       | FLO-019 |
| NPL Test Slide No                 | NPL-01  | Flowmeter No:                       | FLO-13  |
| Stage Micrometer No               | SM-09   | NPL Band 5 Achieved:                | Yes     |
| Barometer / Thermometer Reference | TB-001  | Graticule Diameter measured (µm):   | 100     |
| Air pressure (mb)                 | N/A     | Timepiece Reference                 | MOB-04  |
| Temperature (°C):                 | N/A     | Field Blank Result                  | N/A     |

Sampling and Testing is carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures.

NOTE:

**(\*) UNCERTAINTY OF MEASUREMENT:** The lower limit of accurate measurement (fibre level, f/ml) of the above method is stated in HSG248 as about 0.010 fibres/ml. When the sample volume is equal to or greater than 480 litres and 200 graticule fields are examined, the result may be expressed as <0.01f/ml. For sample volumes below 480 litres and counts of less than 200 graticules, the lower limit of accurate measurement will be higher.

**(+) ACTUAL FLOW RATE:** Determined by averaging the calibrated intermediate flow rate and/or where differences in ambient temperatures and/or pressures between the calibration and sampling sites are greater than 5%.

|         |               |           |                                                                                     |      |            |
|---------|---------------|-----------|-------------------------------------------------------------------------------------|------|------------|
| Analyst | Tony Atherton | Signature |  | Date | 12/02/2021 |
|---------|---------------|-----------|-------------------------------------------------------------------------------------|------|------------|

|              |                                              |               |       |           |                      |      |            |
|--------------|----------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | 12509 | Report No | 12509-39-1 - Issue 1 | Date | 12/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |       |           |                      |      |            |

## Photographs



Photograph 10345



Photograph 10346

|              |                                             |               |       |           |                      |      |            |
|--------------|---------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | 12509 | Report No | 12509-39-1 - Issue 1 | Date | 12/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |       |           |                      |      |            |



Photograph 10347



Photograph 10348



# HFS

environmental

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|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-5 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |

| Issue Number | Date       | Publisher         | Reason |
|--------------|------------|-------------------|--------|
| 1            | 11/02/2021 | HFS Environmental |        |

## Job Details

|                       |                                                                                             |               |                      |
|-----------------------|---------------------------------------------------------------------------------------------|---------------|----------------------|
| Certificate Type      | Airborne Fibre Concentration                                                                | Date          | 11/02/2021           |
| Client Details        | Statom Group                                                                                | Job No        | 12509                |
| Site Address          | Lovedean Lane Waterloooville England PO8 0TD                                                | Report No     | 12509-40-5 - Issue 1 |
| Contractors Details   | Statom Group.                                                                               | Client Job No | TBC.                 |
| Location of work area | On site 79-80.                                                                              | Start time    | 09:06                |
| Supervisors Name      | Tony. Crane.                                                                                | Asbestos Type | Chrysotile           |
| Description of works  | Background and reassurance air tests as contaminated soil is being removed from site 79-80. |               |                      |

### Summary

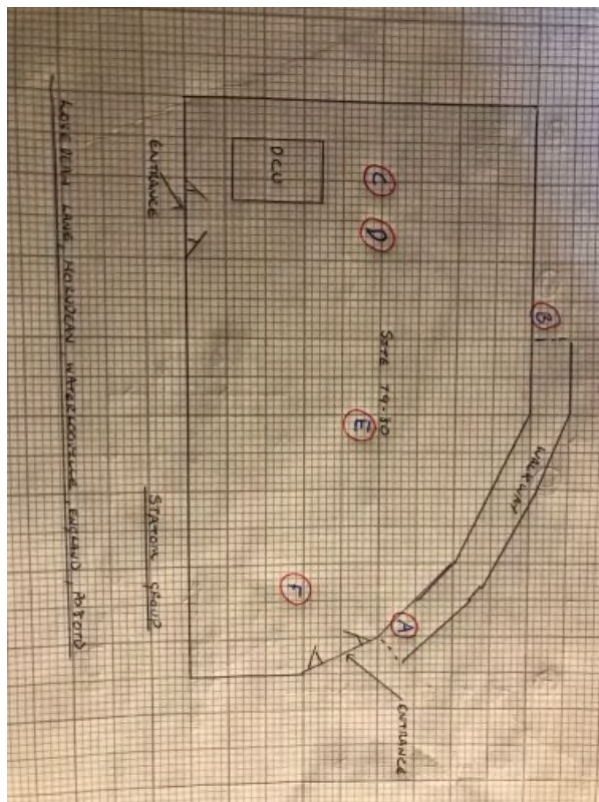
Air testing was carried out and the samples analysed under a microscope. A calculation was used to measure the airborne fibre levels (all respirable fibres were counted, not just asbestiform). The result of the air test/s in fibres per millilitre of air, were

| Sample       | Type        | Reason for Sampling                                                             | Location                                      | Result      |
|--------------|-------------|---------------------------------------------------------------------------------|-----------------------------------------------|-------------|
| 12509-40-5-1 | Background  | Background air tests as contaminated soil is being removed from site 79-80.     | On site 79-80 walkway near entrance.          | < 0.01 f/ml |
| 12509-40-5-2 | Background  | Background air tests as contaminated soil is being removed from site 79-80.     | On site 79-80 Top of walkway to side of site. | < 0.01 f/ml |
| 12509-40-5-3 | Background  | Background air tests as contaminated soil is being removed from site 79-80.     | Top of site 79-80.                            | < 0.01 f/ml |
| 12509-40-5-4 | Reassurance | Reassurance air tests after contaminated soil has been removed from site 79-80. | Top of site 79-80.                            | < 0.01 f/ml |
| 12509-40-5-5 | Reassurance | Reassurance air tests after removal contaminated soil on site 79-80.            | Middle of site 79-80.                         | < 0.01 f/ml |
| 12509-40-5-6 | Reassurance | Reassurance air tests after removal of contaminated soil from site 79-80.       | Bottom of site 79-80 near entrance.           | < 0.01 f/ml |

|         |              |           |                                                                                     |      |       |      |            |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|
| Analyst | Patric James | Signature |  | Time | 12:32 | Date | 11/02/2021 |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|

Opinions and interpretations contained within this report are outside of our UKAS accreditation. Sampling and testing was carried out in accordance with documented in-house test methods and procedures based on HSG248 (Test Procedures 1 and 2). Any deviations from these procedures are noted within the comments section of the report.

|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-5 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |



|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-5 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |

## Air Test Results

| Sample No    | Pump No | Cowl No | Location                                      | Start Time | Finish Time | Volume | Reported Result |
|--------------|---------|---------|-----------------------------------------------|------------|-------------|--------|-----------------|
| 12509-40-5-1 | SP-052  | PJ1     | On site 79-80 walkway near entrance.          | 09:19      | 10:00       | 492    | < 0.01 f/ml     |
| 12509-40-5-2 | SP-051  | PJ2     | On site 79-80 Top of walkway to side of site. | 09:22      | 10:03       | 492    | < 0.01 f/ml     |
| 12509-40-5-3 | SP-040  | PJ3     | Top of site 79-80.                            | 09:25      | 10:06       | 492    | < 0.01 f/ml     |
| 12509-40-5-4 | SP-040  | PJ1     | Top of site 79-80.                            | 11:14      | 11:55       | 492    | < 0.01 f/ml     |
| 12509-40-5-5 | SP-052  | PJ2     | Middle of site 79-80.                         | 11:17      | 11:58       | 492    | < 0.01 f/ml     |
| 12509-40-5-6 | SP-051  | PJ3     | Bottom of site 79-80 near entrance.           | 11:20      | 12:01       | 492    | < 0.01 f/ml     |

| Sample No    | Start flow rate l/m | Finish flow rate l/m | Actual flow rate l/m | Total time (minutes) | Fibre count | Fields counted | Calculated Result |
|--------------|---------------------|----------------------|----------------------|----------------------|-------------|----------------|-------------------|
| 12509-40-5-1 | 12                  | 12                   | 12                   | 41                   | 2.5         | 200            | 0.001             |
| 12509-40-5-2 | 12                  | 12                   | 12                   | 41                   | 2           | 200            | 0.001             |
| 12509-40-5-3 | 12                  | 12                   | 12                   | 41                   | 4.5         | 200            | 0.002             |
| 12509-40-5-4 | 12                  | 12                   | 12                   | 41                   | 2.5         | 200            | 0.001             |
| 12509-40-5-5 | 12                  | 12                   | 12                   | 41                   | 3.5         | 200            | 0.002             |
| 12509-40-5-6 | 12                  | 12                   | 12                   | 41                   | 2           | 200            | 0.001             |

|                                   |         |                                     |        |
|-----------------------------------|---------|-------------------------------------|--------|
| Microscope no                     | MS-11   | Samples scanned using x10 objective | Yes    |
| Laboratory type                   | Mobile  | Exposed Filter Diameter (mm2)       | 22.5   |
| Laboratory reference              | CN69DVY | Flowmeter No:                       | FLO-04 |
| NPL Test Slide No                 | NPL-08  | Flowmeter No:                       | FLO-11 |
| Stage Micrometer No               | SM-08   | NPL Band 5 Achieved:                | Yes    |
| Barometer / Thermometer Reference | TB-008  | Graticule Diameter measured (µm):   | 100    |
| Air pressure (mb)                 | N/A     | Timepiece Reference                 | MOB-09 |
| Temperature (°C):                 | N/A     | Field Blank Result                  | N/A    |

Sampling and Testing is carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures.

NOTE:

**(\*) UNCERTAINTY OF MEASUREMENT:** The lower limit of accurate measurement (fibre level, f/ml) of the above method is stated in HSG248 as about 0.010 fibres/ml. When the sample volume is equal to or greater than 480 litres and 200 graticule fields are examined, the result may be expressed as <0.01f/ml. For sample

|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-5 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |

volumes below 480 litres and counts of less than 200 graticules, the lower limit of accurate measurement will be higher.

**(+) ACTUAL FLOW RATE:** Determined by averaging the calibrated intermediate flow rate and/or where differences in ambient temperatures and/or pressures between the calibration and sampling sites are greater than 5%.

|         |              |           |           |      |            |
|---------|--------------|-----------|-----------|------|------------|
| Analyst | Patric James | Signature | <i>Ph</i> | Date | 11/02/2021 |
|---------|--------------|-----------|-----------|------|------------|

|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-5 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |

## Photographs



Photograph 10316



Photograph 10317

|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-5 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |



Photograph 10318



Photograph 10319



Photograph 10320

|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-5 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |



Photograph 10321



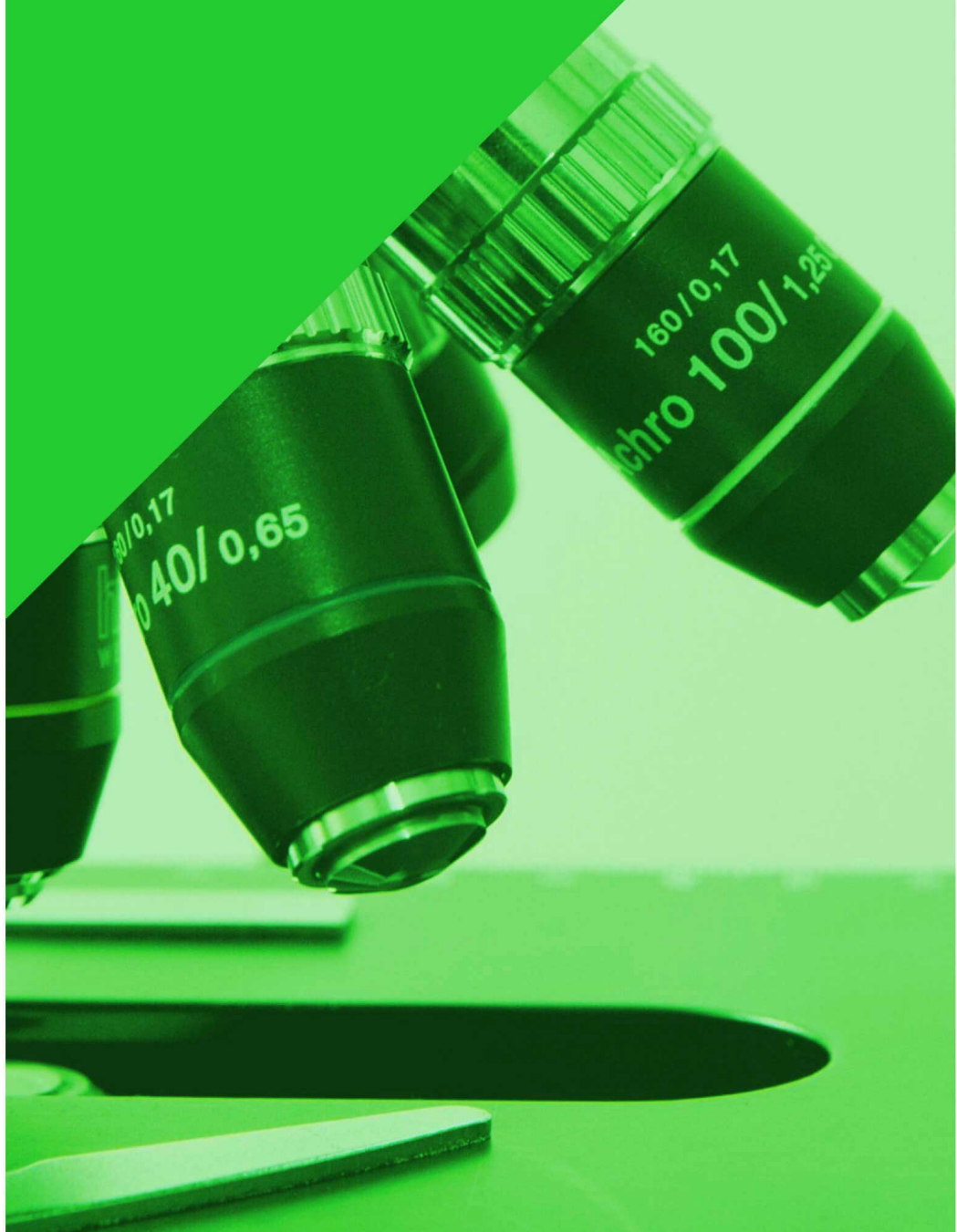
# HFS

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Web: [www.hfsenvironmental.co.uk](http://www.hfsenvironmental.co.uk)



|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-4 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |

| Issue Number | Date       | Publisher         | Reason |
|--------------|------------|-------------------|--------|
| 1            | 11/02/2021 | HFS Environmental |        |

## Job Details

|                       |                                              |               |                      |
|-----------------------|----------------------------------------------|---------------|----------------------|
| Certificate Type      | Personal Air Sampling                        |               |                      |
| Client Details        | Statom Group                                 | Date          | 11/02/2021           |
| Site Address          | Lovedean Lane Waterloooville England PO8 0TD | Job No        | 12509                |
| Contractors Details   | Statom Group.                                | Report No     | 12509-40-4 - Issue 1 |
| Location of work area | On site 79-80.                               | Client Job No | TBC.                 |
| Name of Subject       | Tony. Crane.                                 | Start time    | 09:02                |

|          |             |                  |              |               |            |
|----------|-------------|------------------|--------------|---------------|------------|
| Position | Supervisor. | Supervisors Name | Tony. Crane. | Asbestos type | Chrysotile |
|----------|-------------|------------------|--------------|---------------|------------|

|                                      |                                                                                                                                                                 |                |           |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|
| Description of works                 | Personal air test as contaminated soil is being removed from site 79-80.                                                                                        |                |           |
| Product Category                     | Asbestos reinforced composites (plastics, resins, / mastics, roofing felts, vinyl floor tiles, semi-rigid / paints or decorative finishes, asbestos cement etc) |                |           |
| Specific Product                     | Cement.                                                                                                                                                         | Removal Method | Digger.   |
| Dust suppression method              | Killer spray.                                                                                                                                                   | RPE Type       | Half Mask |
| Opinion on suppression effectiveness | satisfactory.                                                                                                                                                   | RPE ID         | N/A       |
| Other factors that may affect result | None.                                                                                                                                                           |                |           |

## Summary

### Type of sampling conducted: 4 hour control limit

Air testing was carried out and the samples analysed under a microscope. A calculation was used to measure the airborne fibre levels (all respirable fibres were counted, not just asbestiform).

| Time Period                      | Specific Activity                                  | Result      |
|----------------------------------|----------------------------------------------------|-------------|
| 09:12 to 11:10                   | Supervising as contaminated soil is being removed. | < 0.05 f/ml |
| Time weighted average of results |                                                    | 0.003       |

|         |              |           |                                                                                     |      |       |      |            |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|
| Analyst | Patric James | Signature |  | Time | 11:42 | Date | 11/02/2021 |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|

|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-4 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |



Photograph 1



Photograph 2

|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-4 - Issue 1 | Date | 11/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |

## Air Test Results

| Sample No    | Pump No | Cowl No | Start Time | Finish Time | Volume | Reported Result |
|--------------|---------|---------|------------|-------------|--------|-----------------|
| 12509-40-4-1 | PS-005  | PJ4     | 09:12      | 11:10       | 118    | < 0.05 f/ml     |

| Sample No    | Start flow rate l/m | Finish flow rate l/m | Actual flow rate l/m | Total time (minutes) | Fibre count | Fields counted | Calculated Result |
|--------------|---------------------|----------------------|----------------------|----------------------|-------------|----------------|-------------------|
| 12509-40-4-1 | 1                   | 1                    | 1                    | 118                  | 3           | 200            | 0.006             |

|                                   |         |                                            |        |
|-----------------------------------|---------|--------------------------------------------|--------|
| Microscope no                     | MS-11   | Samples scanned using x10 objective        | Yes    |
| Laboratory type                   | Mobile  | Exposed Filter Diameter (mm <sup>2</sup> ) | 22.5   |
| Laboratory reference              | CN69DVY | Flowmeter No:                              | FLO-04 |
| NPL Test Slide No                 | NPL-08  | Flowmeter No:                              | FLO-11 |
| Stage Micrometer No               | SM-08   | NPL Band 5 Achieved:                       | Yes    |
| Barometer / Thermometer Reference | TB-008  | Graticule Diameter measured (µm):          | 100    |
| Air pressure (mb)                 | N/A     | Timepiece Reference                        | MOB-09 |
| Temperature (°C):                 | N/A     | Field Blank Result                         | N/A    |

Sampling and Testing is carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures.

NOTE:

**(\*) UNCERTAINTY OF MEASUREMENT:** The lower limit of accurate measurement (fibre level, f/ml) of the above method is stated in HSG248 as about 0.010 fibres/ml. When the sample volume is equal to or greater than 480 litres and 200 graticule fields are examined, the result may be expressed as <0.01f/ml. For sample volumes below 480 litres and counts of less than 200 graticules, the lower limit of accurate measurement will be higher.

**(+) ACTUAL FLOW RATE:** Determined by averaging the calibrated intermediate flow rate and/or where differences in ambient temperatures and/or pressures between the calibration and sampling sites are greater than 5%.

|         |              |           |                                                                                     |      |            |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|------------|
| Analyst | Patric James | Signature |  | Date | 11/02/2021 |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|------------|



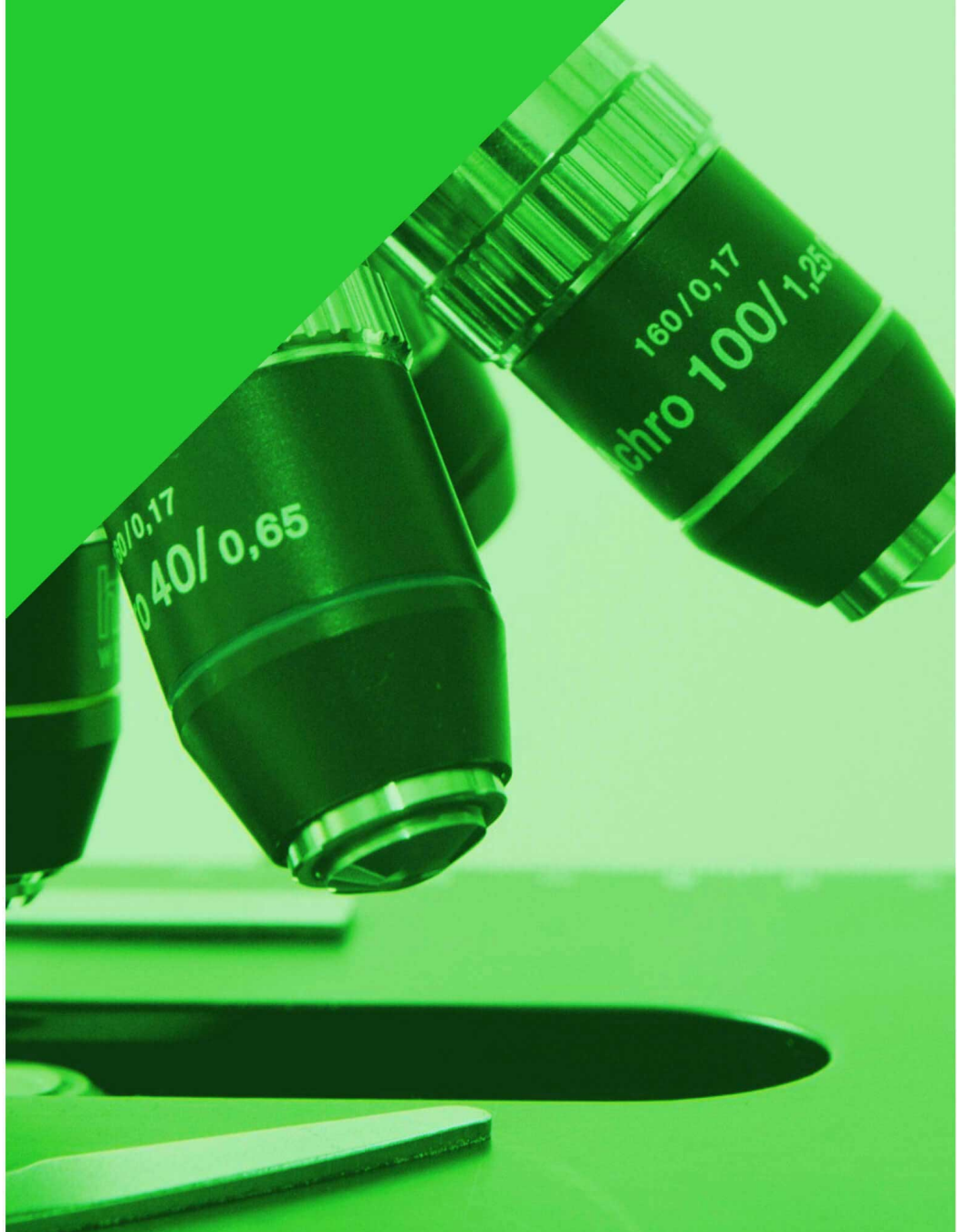
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Web: [www.hfsenvironmental.co.uk](http://www.hfsenvironmental.co.uk)



|              |                                                  |               |       |           |                      |      |            |
|--------------|--------------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12683                                            | Client Job No | 12683 | Report No | 12683-39-1 - Issue 1 | Date | 01/03/2021 |
| Site Address | Catherington Park, Lovedean, Portsmouth, PO8 9UB |               |       |           |                      |      |            |

| Issue Number | Date       | Publisher         | Reason |
|--------------|------------|-------------------|--------|
| 1            | 02/03/2021 | HFS Environmental |        |

## Job Details

|                       |                                                                            |               |                      |
|-----------------------|----------------------------------------------------------------------------|---------------|----------------------|
| Certificate Type      | Airborne Fibre Concentration                                               | Date          | 01/03/2021           |
| Client Details        | Statom Group                                                               | Job No        | 12683                |
| Site Address          | Catherington Park, Lovedean, Portsmouth, PO8 9UB                           | Report No     | 12683-39-1 - Issue 1 |
| Contractors Details   | Statom group Ltd                                                           | Client Job No | 12683                |
| Location of work area | Area B                                                                     | Start time    | 07:40                |
| Supervisors Name      | Michael Gillman                                                            | Asbestos Type | Chrysotile           |
| Description of works  | Background air monitoring during loading of lorries with contaminated soil |               |                      |

### Summary

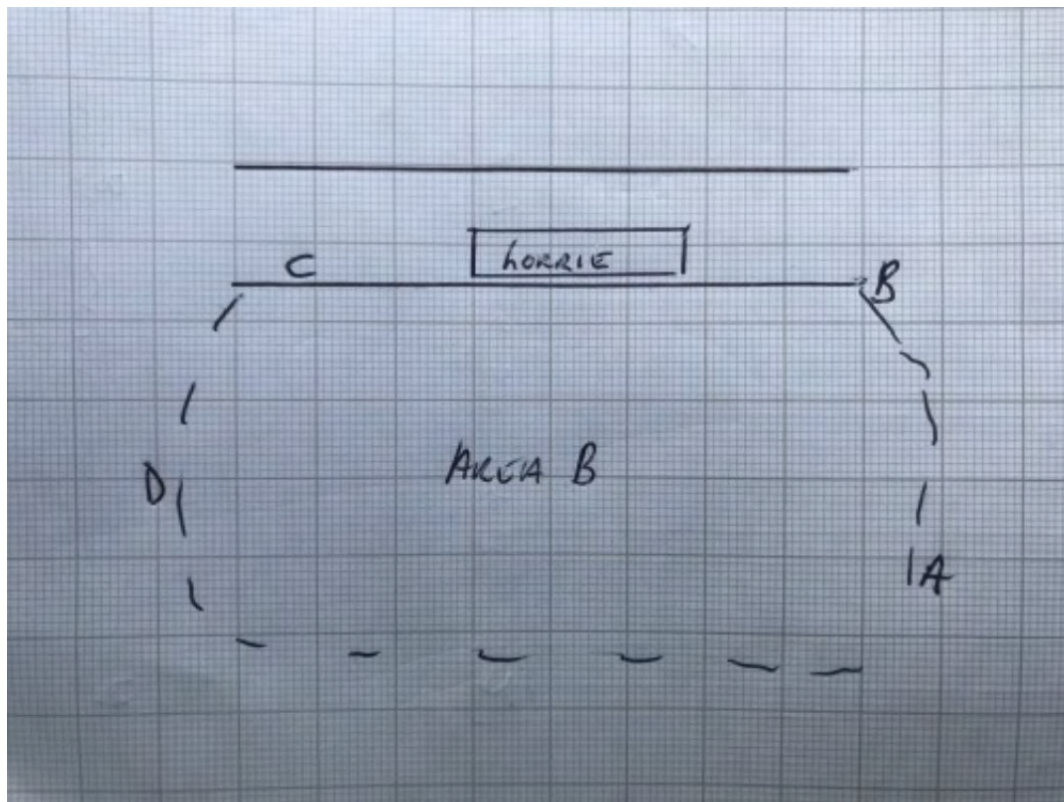
Air testing was carried out and the samples analysed under a microscope. A calculation was used to measure the airborne fibre levels (all respirable fibres were counted, not just asbestiform). The result of the air test/s in fibres per millilitre of air, were

| Sample       | Type       | Reason for Sampling                  | Location     | Result      |
|--------------|------------|--------------------------------------|--------------|-------------|
| 12683-39-1-1 | Background | Background before loading            | Area B       | < 0.01 f/ml |
| 12683-39-1-2 | Background | Background during loading of lorries | Near lorries | < 0.01 f/ml |
| 12683-39-1-3 | Background | Background during loading of lorries | Near Lorries | < 0.01 f/ml |
| 12683-39-1-4 | Background | Background after loading lorries     | Near area B  | < 0.01 f/ml |

|         |               |           |                                                                                     |      |       |      |            |
|---------|---------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|
| Analyst | Tony Atherton | Signature |  | Time | 11:43 | Date | 01/03/2021 |
|---------|---------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|

Opinions and interpretations contained within this report are outside of our UKAS accreditation. Sampling and testing was carried out in accordance with documented in-house test methods and procedures based on HSG248 (Test Procedures 1 and 2). Any deviations from these procedures are noted within the comments section of the report.

|              |                                                  |               |       |           |                      |      |            |
|--------------|--------------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12683                                            | Client Job No | 12683 | Report No | 12683-39-1 - Issue 1 | Date | 01/03/2021 |
| Site Address | Catherington Park, Lovedean, Portsmouth, PO8 9UB |               |       |           |                      |      |            |



|              |                                                  |               |       |           |                      |      |            |
|--------------|--------------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12683                                            | Client Job No | 12683 | Report No | 12683-39-1 - Issue 1 | Date | 01/03/2021 |
| Site Address | Catherington Park, Lovedean, Portsmouth, PO8 9UB |               |       |           |                      |      |            |

## Air Test Results

| Sample No    | Pump No | Cowl No | Location     | Start Time | Finish Time | Volume | Reported Result |
|--------------|---------|---------|--------------|------------|-------------|--------|-----------------|
| 12683-39-1-1 | SP-005  | AA-02   | Area B       | 09:15      | 09:52       | 932.4  | < 0.01 f/ml     |
| 12683-39-1-2 | SP-012  | AA-03   | Near lorries | 10:30      | 11:07       | 488.4  | < 0.01 f/ml     |
| 12683-39-1-3 | SP-015  | AA-04   | Near Lorries | 10:30      | 11:07       | 488.4  | < 0.01 f/ml     |
| 12683-39-1-4 | SP-005  | AA-02   | Near area B  | 10:55      | 11:32       | 488.4  | < 0.01 f/ml     |

| Sample No    | Start flow rate l/m | Finish flow rate l/m | Actual flow rate l/m | Total time (minutes) | Fibre count | Fields counted | Calculated Result |
|--------------|---------------------|----------------------|----------------------|----------------------|-------------|----------------|-------------------|
| 12683-39-1-1 | 37.2                | 13.2                 | 25.2                 | 37                   | 3           | 200            | 0.001             |
| 12683-39-1-2 | 13.2                | 13.2                 | 13.2                 | 37                   | 1           | 200            | 0.001             |
| 12683-39-1-3 | 13.2                | 13.2                 | 13.2                 | 37                   | 1           | 200            | 0.001             |
| 12683-39-1-4 | 13.2                | 13.2                 | 13.2                 | 37                   | 2           | 200            | 0.001             |

|                                   |         |                                     |         |
|-----------------------------------|---------|-------------------------------------|---------|
| Microscope no                     | MS-08   | Samples scanned using x10 objective | Yes     |
| Laboratory type                   | Mobile  | Exposed Filter Diameter (mm2)       | 22.5    |
| Laboratory reference              | LO17DYM | Flowmeter No:                       | FLO-019 |
| NPL Test Slide No                 | NPL-01  | Flowmeter No:                       | FLO-13  |
| Stage Micrometer No               | SM-09   | NPL Band 5 Achieved:                | Yes     |
| Barometer / Thermometer Reference | TB-001  | Graticule Diameter measured (µm):   | 100     |
| Air pressure (mb)                 | N/A     | Timepiece Reference                 | MOB-04  |
| Temperature (°C):                 | N/A     | Field Blank Result                  | N/A     |

Sampling and Testing is carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures.

NOTE:

**(\*) UNCERTAINTY OF MEASUREMENT:** The lower limit of accurate measurement (fibre level, f/ml) of the above method is stated in HSG248 as about 0.010 fibres/ml. When the sample volume is equal to or greater than 480 litres and 200 graticule fields are examined, the result may be expressed as <0.01f/ml. For sample volumes below 480 litres and counts of less than 200 graticules, the lower limit of accurate measurement will be higher.

**(+) ACTUAL FLOW RATE:** Determined by averaging the calibrated intermediate flow rate and/or where differences in ambient temperatures and/or pressures between the calibration and sampling sites are greater than 5%.

|         |               |           |                                                                                     |      |            |
|---------|---------------|-----------|-------------------------------------------------------------------------------------|------|------------|
| Analyst | Tony Atherton | Signature |  | Date | 01/03/2021 |
|---------|---------------|-----------|-------------------------------------------------------------------------------------|------|------------|

|              |                                                  |               |       |           |                      |      |            |
|--------------|--------------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12683                                            | Client Job No | 12683 | Report No | 12683-39-1 - Issue 1 | Date | 01/03/2021 |
| Site Address | Catherington Park, Lovedean, Portsmouth, PO8 9UB |               |       |           |                      |      |            |

## Photographs



Photograph 10684

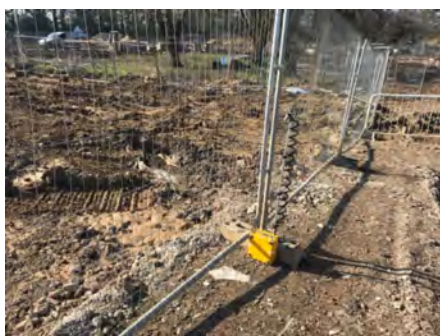


Photograph 10685

|              |                                                  |               |       |           |                      |      |            |
|--------------|--------------------------------------------------|---------------|-------|-----------|----------------------|------|------------|
| Job No       | 12683                                            | Client Job No | 12683 | Report No | 12683-39-1 - Issue 1 | Date | 01/03/2021 |
| Site Address | Catherington Park, Lovedean, Portsmouth, PO8 9UB |               |       |           |                      |      |            |



Photograph 10686



Photograph 10687



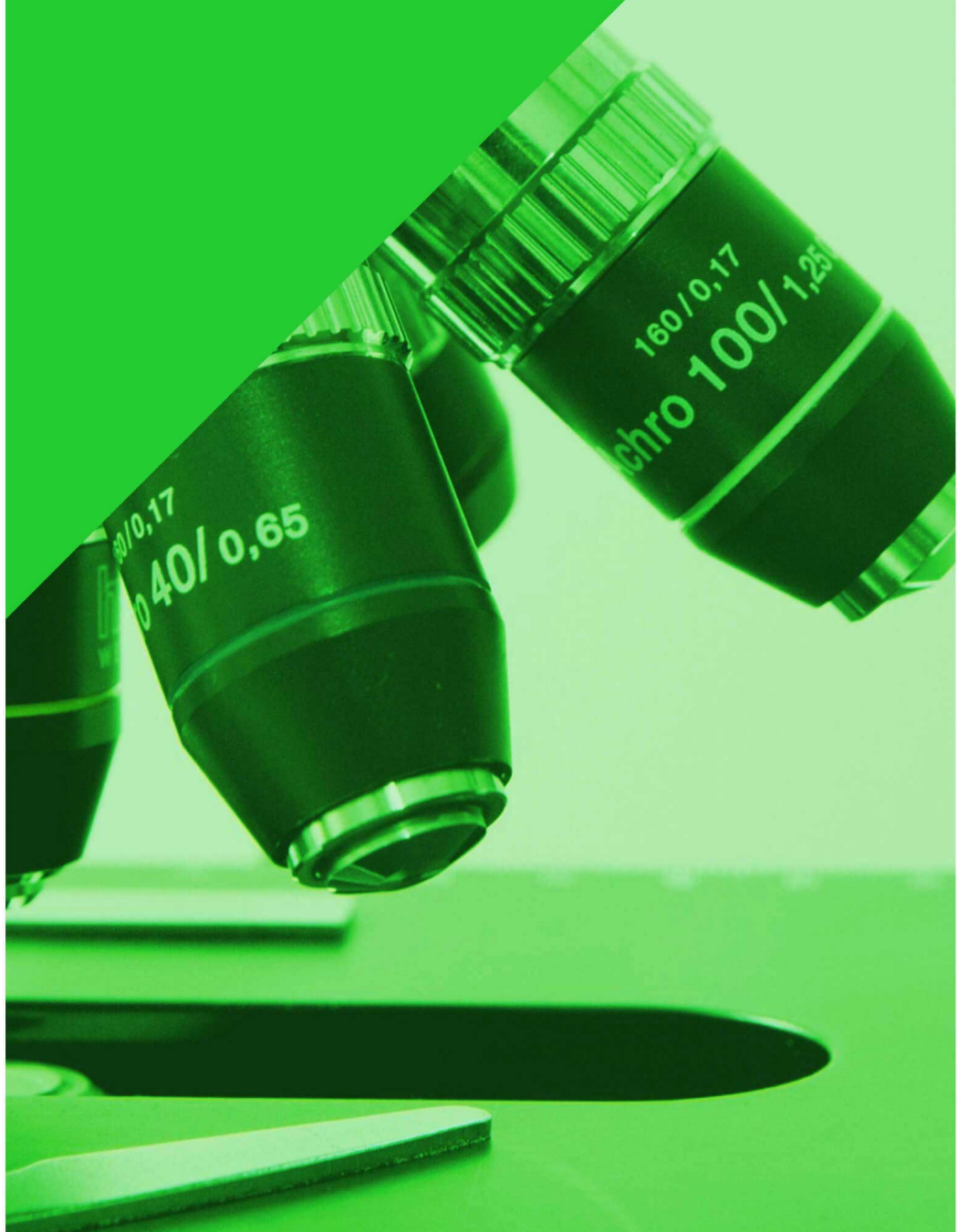
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Web: [www.hfsenvironmental.co.uk](http://www.hfsenvironmental.co.uk)



|              |                                              |               |     |           |                      |      |            |
|--------------|----------------------------------------------|---------------|-----|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC | Report No | 12509-40-1 - Issue 1 | Date | 09/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |     |           |                      |      |            |

| Issue Number | Date       | Publisher         | Reason |
|--------------|------------|-------------------|--------|
| 1            | 11/02/2021 | HFS Environmental |        |

## Job Details

|                       |                                                                            |               |                      |
|-----------------------|----------------------------------------------------------------------------|---------------|----------------------|
| Certificate Type      | Airborne Fibre Concentration                                               | Date          | 09/02/2021           |
| Client Details        | Statom Group                                                               | Job No        | 12509                |
| Site Address          | Lovedean Lane Waterloooville England PO8 0TD                               | Report No     | 12509-40-1 - Issue 1 |
| Contractors Details   | Statom Group.                                                              | Client Job No | TBC                  |
| Location of work area | site.                                                                      | Start time    | 09:36                |
| Supervisors Name      | Tony.Crane.                                                                | Asbestos Type | Chrysotile           |
| Description of works  | Background air tests before removal of possible contaminated soil on site. |               |                      |

### Summary

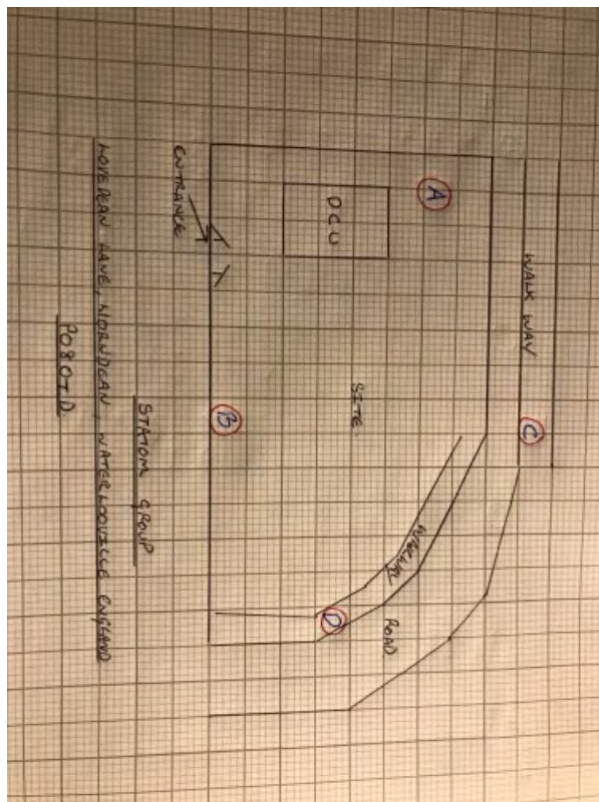
Air testing was carried out and the samples analysed under a microscope. A calculation was used to measure the airborne fibre levels (all respirable fibres were counted, not just asbestiform). The result of the air test/s in fibres per millilitre of air, were

| Sample       | Type       | Reason for Sampling                                                                     | Location                        | Result      |
|--------------|------------|-----------------------------------------------------------------------------------------|---------------------------------|-------------|
| 12509-40-1-1 | Background | Background air tests before removal of possible contaminated soil is removed from site. | Corner of site near DCU.        | < 0.01 f/ml |
| 12509-40-1-2 | Static     | Background air tests before removal of possible contaminated soil on site.              | To the side of site near fence. | < 0.01 f/ml |
| 12509-40-1-3 | Background | Background air tests before removal of possible contaminated soil on site.              | On walkway near site.           | < 0.01 f/ml |
| 12509-40-1-4 | Background | Background air tests before removal of possible contaminated soil on site.              | Bottom of site.                 | < 0.01 f/ml |

|         |              |           |                                                                                     |      |       |      |            |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|
| Analyst | Patric James | Signature |  | Time | 11:24 | Date | 09/02/2021 |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|

Opinions and interpretations contained within this report are outside of our UKAS accreditation. Sampling and testing was carried out in accordance with documented in-house test methods and procedures based on HSG248 (Test Procedures 1and 2). Any deviations from these procedures are noted within the comments section of the report.

|              |                                              |               |     |           |                      |      |            |
|--------------|----------------------------------------------|---------------|-----|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC | Report No | 12509-40-1 - Issue 1 | Date | 09/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |     |           |                      |      |            |



|              |                                             |               |     |           |                      |      |            |
|--------------|---------------------------------------------|---------------|-----|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC | Report No | 12509-40-1 - Issue 1 | Date | 09/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |     |           |                      |      |            |

## Air Test Results

| Sample No    | Pump No | Cowl No | Location                        | Start Time | Finish Time | Volume | Reported Result |
|--------------|---------|---------|---------------------------------|------------|-------------|--------|-----------------|
| 12509-40-1-1 | SP-051  | PJ1     | Corner of site near DCU.        | 09:50      | 10:31       | 492    | < 0.01 f/ml     |
| 12509-40-1-2 | SP-050  | PJ2     | To the side of site near fence. | 09:53      | 10:34       | 492    | < 0.01 f/ml     |
| 12509-40-1-3 | SP-040  | PJ3     | On walkway near site.           | 09:56      | 10:37       | 492    | < 0.01 f/ml     |
| 12509-40-1-4 | SP-052  | PJ4     | Bottom of site.                 | 10:01      | 10:42       | 492    | < 0.01 f/ml     |

| Sample No    | Start flow rate l/m | Finish flow rate l/m | Actual flow rate l/m | Total time (minutes) | Fibre count | Fields counted | Calculated Result |
|--------------|---------------------|----------------------|----------------------|----------------------|-------------|----------------|-------------------|
| 12509-40-1-1 | 12                  | 12                   | 12                   | 41                   | 2.5         | 200            | 0.001             |
| 12509-40-1-2 | 12                  | 12                   | 12                   | 41                   | 2           | 200            | 0.001             |
| 12509-40-1-3 | 12                  | 12                   | 12                   | 41                   | 1           | 200            | 0.001             |
| 12509-40-1-4 | 12                  | 12                   | 12                   | 41                   | 1.5         | 200            | 0.001             |

|                                   |         |                                     |        |
|-----------------------------------|---------|-------------------------------------|--------|
| Microscope no                     | MS-11   | Samples scanned using x10 objective | Yes    |
| Laboratory type                   | Mobile  | Exposed Filter Diameter (mm2)       | 22.5   |
| Laboratory reference              | CN69DVY | Flowmeter No:                       | FLO-04 |
| NPL Test Slide No                 | NPL-08  | Flowmeter No:                       | FLO-11 |
| Stage Micrometer No               | SM-08   | NPL Band 5 Achieved:                | Yes    |
| Barometer / Thermometer Reference | TB-008  | Graticule Diameter measured (µm):   | 100    |
| Air pressure (mb)                 | N/A     | Timepiece Reference                 | MOB-09 |
| Temperature (°C):                 | N/A     | Field Blank Result                  | N/A    |

Sampling and Testing is carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures.

NOTE:

**(\*) UNCERTAINTY OF MEASUREMENT:** The lower limit of accurate measurement (fibre level, f/ml) of the above method is stated in HSG248 as about 0.010 fibres/ml. When the sample volume is equal to or greater than 480 litres and 200 graticule fields are examined, the result may be expressed as <0.01f/ml. For sample volumes below 480 litres and counts of less than 200 graticules, the lower limit of accurate measurement will be higher.

**(+) ACTUAL FLOW RATE:** Determined by averaging the calibrated intermediate flow rate and/or where differences in ambient temperatures and/or pressures between the calibration and sampling sites are greater than 5%.

|         |              |           |                                                                                     |      |            |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|------------|
| Analyst | Patric James | Signature |  | Date | 09/02/2021 |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|------------|

|              |                                              |               |     |           |                      |      |            |
|--------------|----------------------------------------------|---------------|-----|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC | Report No | 12509-40-1 - Issue 1 | Date | 09/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |     |           |                      |      |            |

## Photographs



Photograph 10284



Photograph 10285

|              |                                              |               |     |           |                      |      |            |
|--------------|----------------------------------------------|---------------|-----|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC | Report No | 12509-40-1 - Issue 1 | Date | 09/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |     |           |                      |      |            |



Photograph 10286



Photograph 10287



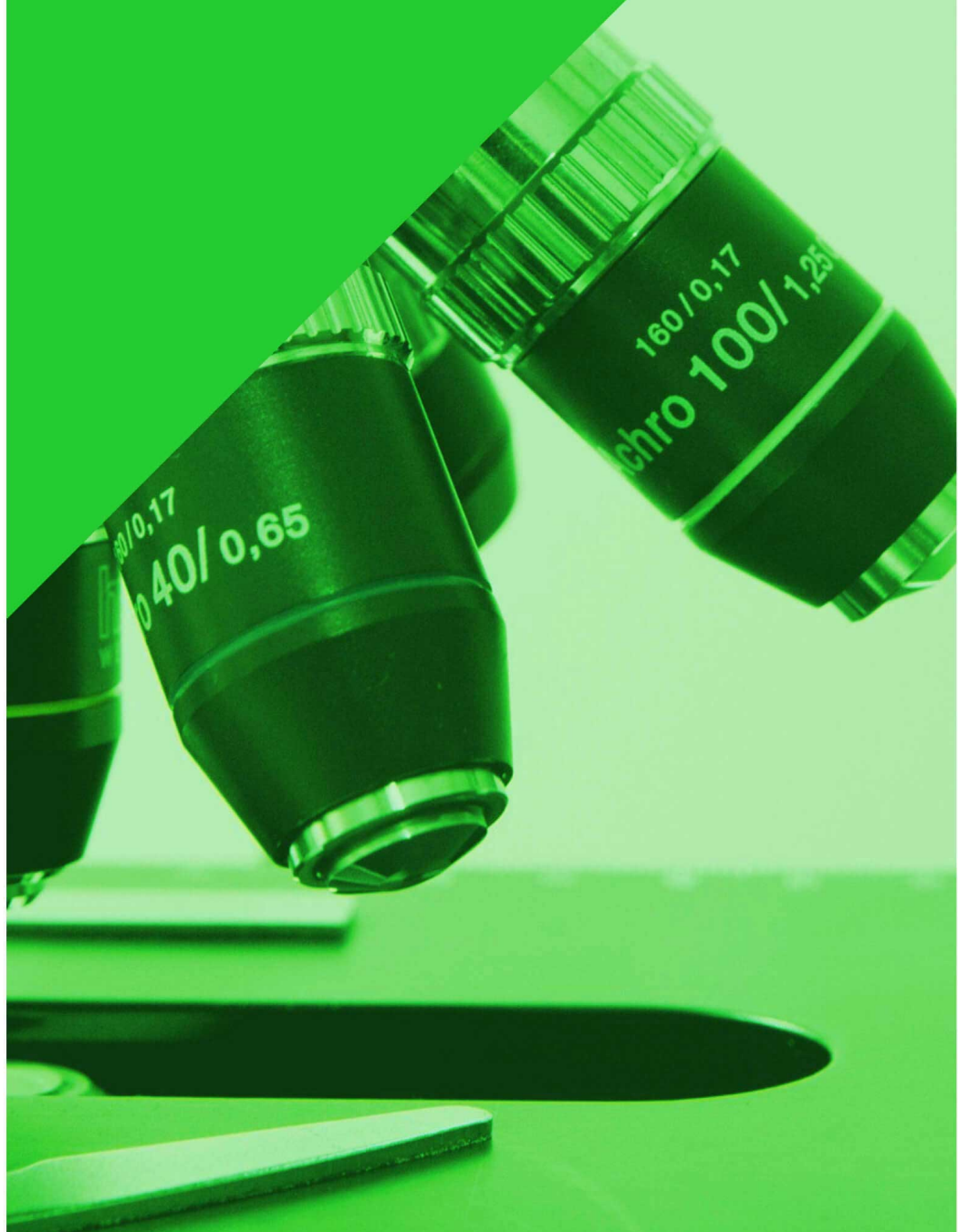
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Web: [www.hfsenvironmental.co.uk](http://www.hfsenvironmental.co.uk)



|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-2 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |

| Issue Number | Date       | Publisher         | Reason |
|--------------|------------|-------------------|--------|
| 1            | 11/02/2021 | HFS Environmental |        |

## Job Details

|                       |                                              |               |                      |
|-----------------------|----------------------------------------------|---------------|----------------------|
| Certificate Type      | Personal Air Sampling                        |               |                      |
| Client Details        | Statom Group                                 | Date          | 10/02/2021           |
| Site Address          | Lovedean Lane Waterloooville England PO8 0TD | Job No        | 12509                |
| Contractors Details   | Statom Group.                                | Report No     | 12509-40-2 - Issue 1 |
| Location of work area | On site 79-80.                               | Client Job No | TBC.                 |
| Name of Subject       | Tony. Crane.                                 | Start time    | 09:04                |

|          |             |                  |              |               |            |
|----------|-------------|------------------|--------------|---------------|------------|
| Position | Supervisor. | Supervisors Name | Tony. Crane. | Asbestos type | Chrysotile |
|----------|-------------|------------------|--------------|---------------|------------|

|                                      |                                                                                                                                                                 |                |            |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|
| Description of works                 | Personal air test on supervisor as he is over seeing removal of contaminated soil being removed from site 79-80.                                                |                |            |
| Product Category                     | Asbestos reinforced composites (plastics, resins, / mastics, roofing felts, vinyl floor tiles, semi-rigid / paints or decorative finishes, asbestos cement etc) |                |            |
| Specific Product                     | Cement.                                                                                                                                                         | Removal Method | By Digger. |
| Dust suppression method              | Killer spray.                                                                                                                                                   | RPE Type       | Half Mask  |
| Opinion on suppression effectiveness | Satisfactory.                                                                                                                                                   | RPE ID         | N/A        |
| Other factors that may affect result | None.                                                                                                                                                           |                |            |

## Summary

### Type of sampling conducted: 4 hour control limit

Air testing was carried out and the samples analysed under a microscope. A calculation was used to measure the airborne fibre levels (all respirable fibres were counted, not just asbestiform).

| Time Period                      | Specific Activity                         | Result      |
|----------------------------------|-------------------------------------------|-------------|
| 09:08 to 11:31                   | Supervising removal of contaminated soil. | < 0.04 f/ml |
| Time weighted average of results |                                           | 0.002       |

|         |              |           |                                                                                     |      |       |      |            |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|
| Analyst | Patric James | Signature |  | Time | 12:13 | Date | 10/02/2021 |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|

|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-2 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |



Photograph 1



Photograph 2

|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-2 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |

## Air Test Results

| Sample No    | Pump No | Cowl No | Start Time | Finish Time | Volume | Reported Result |
|--------------|---------|---------|------------|-------------|--------|-----------------|
| 12509-40-2-1 | PS-005  | PJ4     | 09:08      | 11:31       | 143    | < 0.04 f/ml     |

| Sample No    | Start flow rate l/m | Finish flow rate l/m | Actual flow rate l/m | Total time (minutes) | Fibre count | Fields counted | Calculated Result |
|--------------|---------------------|----------------------|----------------------|----------------------|-------------|----------------|-------------------|
| 12509-40-2-1 | 1                   | 1                    | 1                    | 143                  | 2           | 200            | 0.004             |

|                                   |         |                                            |        |
|-----------------------------------|---------|--------------------------------------------|--------|
| Microscope no                     | MS-11   | Samples scanned using x10 objective        | Yes    |
| Laboratory type                   | Mobile  | Exposed Filter Diameter (mm <sup>2</sup> ) | 22.5   |
| Laboratory reference              | CN69DVY | Flowmeter No:                              | FLO-04 |
| NPL Test Slide No                 | NPL-08  | Flowmeter No:                              | FLO-11 |
| Stage Micrometer No               | SM-08   | NPL Band 5 Achieved:                       | Yes    |
| Barometer / Thermometer Reference | TB-008  | Graticule Diameter measured (µm):          | 100    |
| Air pressure (mb)                 | N/A     | Timepiece Reference                        | MOB-09 |
| Temperature (°C):                 | N/A     | Field Blank Result                         | N/A    |

Sampling and Testing is carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures.

NOTE:

**(\*) UNCERTAINTY OF MEASUREMENT:** The lower limit of accurate measurement (fibre level, f/ml) of the above method is stated in HSG248 as about 0.010 fibres/ml. When the sample volume is equal to or greater than 480 litres and 200 graticule fields are examined, the result may be expressed as <0.01f/ml. For sample volumes below 480 litres and counts of less than 200 graticules, the lower limit of accurate measurement will be higher.

**(+) ACTUAL FLOW RATE:** Determined by averaging the calibrated intermediate flow rate and/or where differences in ambient temperatures and/or pressures between the calibration and sampling sites are greater than 5%.

|         |              |           |                                                                                     |      |            |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|------------|
| Analyst | Patric James | Signature |  | Date | 10/02/2021 |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|------------|



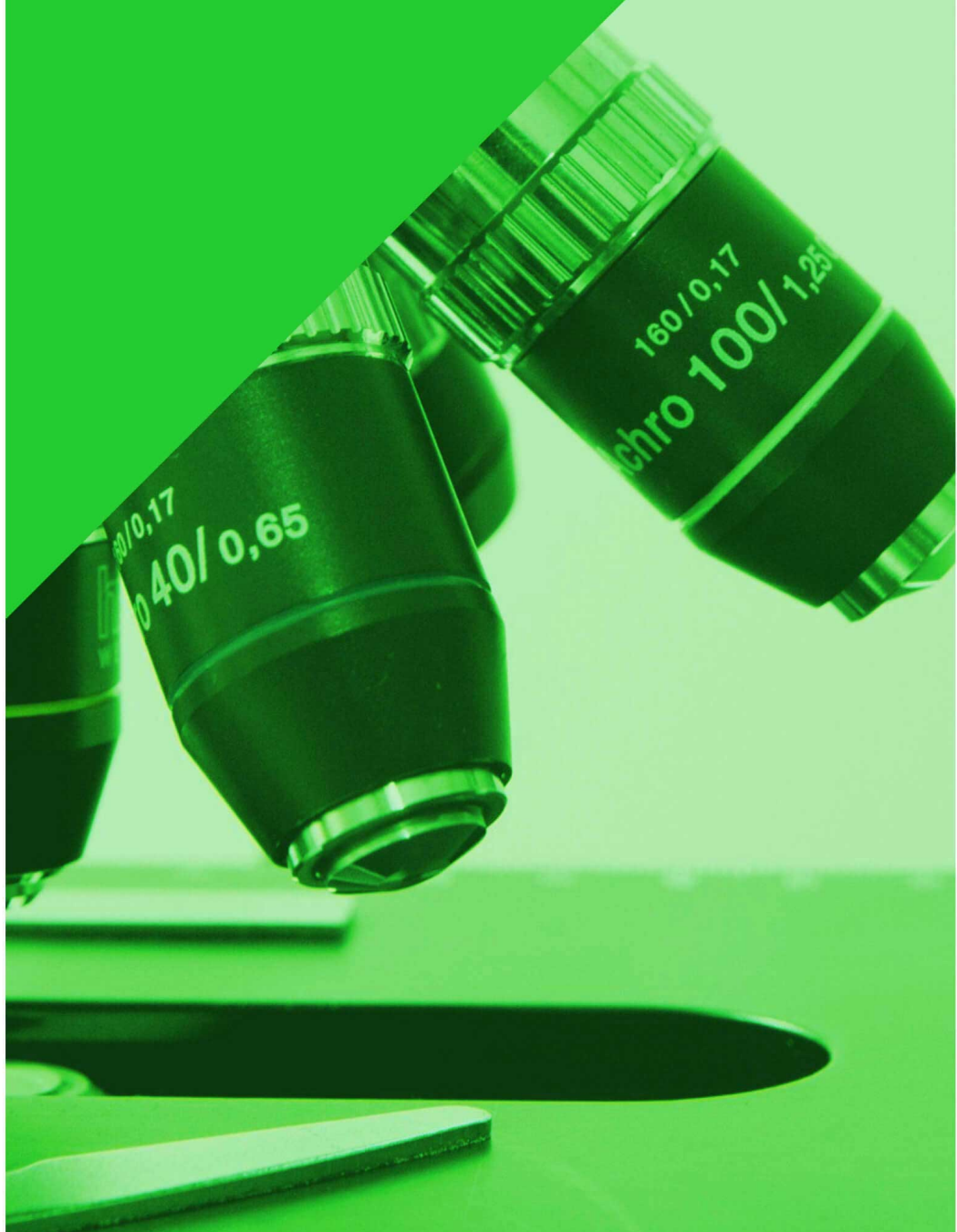
# HFS

environmental

ASBESTOS MANAGEMENT & TESTING

1 North Street,  
Bromley,  
Kent BR1 1RB

Tel: 020 8460 7760  
Email: [lab@hfsenvironmental.co.uk](mailto:lab@hfsenvironmental.co.uk)  
Web: [www.hfsenvironmental.co.uk](http://www.hfsenvironmental.co.uk)



|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-3 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |

| Issue Number | Date       | Publisher         | Reason |
|--------------|------------|-------------------|--------|
| 1            | 11/02/2021 | HFS Environmental |        |

## Job Details

|                       |                                                                                        |               |                      |
|-----------------------|----------------------------------------------------------------------------------------|---------------|----------------------|
| Certificate Type      | Airborne Fibre Concentration                                                           | Date          | 10/02/2021           |
| Client Details        | Statom Group                                                                           | Job No        | 12509                |
| Site Address          | Lovedean Lane Waterloooville England PO8 0TD                                           | Report No     | 12509-40-3 - Issue 1 |
| Contractors Details   | Statom Group.                                                                          | Client Job No | TBC.                 |
| Location of work area | On site 79-80.                                                                         | Start time    | 09:09                |
| Supervisors Name      | Tony. Crane.                                                                           | Asbestos Type | Chrysotile           |
| Description of works  | Background air tests as removal of contaminated soil is being removed from site 79-80. |               |                      |

### Summary

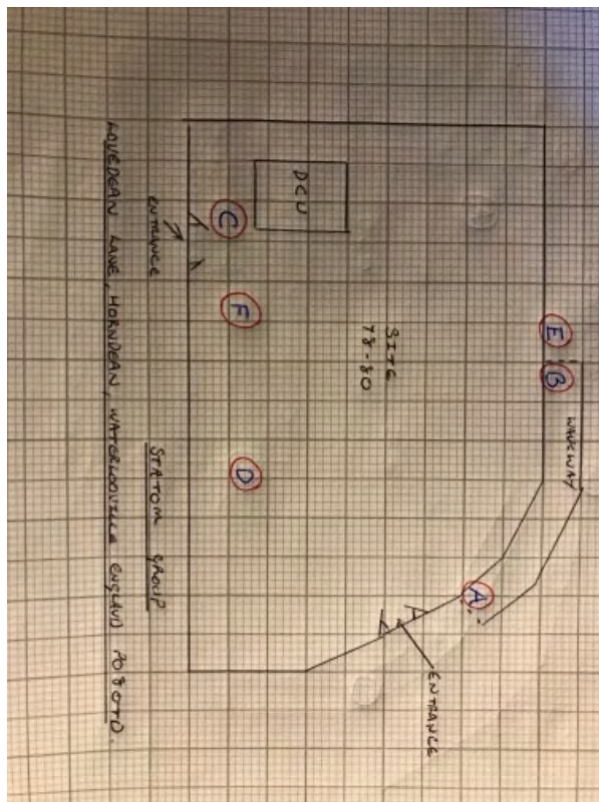
Air testing was carried out and the samples analysed under a microscope. A calculation was used to measure the airborne fibre levels (all respirable fibres were counted, not just asbestiform). The result of the air test/s in fibres per millilitre of air, were

| Sample       | Type       | Reason for Sampling                                                                    | Location                                | Result      |
|--------------|------------|----------------------------------------------------------------------------------------|-----------------------------------------|-------------|
| 12509-40-3-1 | Background | Background air tests as contaminated soil is being removed from site 79-80.            | Walkway by side of site 79-80.          | < 0.01 f/ml |
| 12509-40-3-2 | Background | Background air tests as removal of contaminated soil is being removed from site 79-80. | Walkway to side of site 79-80.          | < 0.01 f/ml |
| 12509-40-3-3 | Background | Background air tests as removal of contaminated soil is being removed from site 79-80. | Top of site 79-80 near DCU.             | < 0.01 f/ml |
| 12509-40-3-4 | Static     | Background air tests as contaminated soil is being removed from site 79-80.            | To the side of site 79-80.              | < 0.01 f/ml |
| 12509-40-3-5 | Background | Background air tests as removal of contaminated soil is being removed from site 79-80. | Walkway to side of site 79-80.          | < 0.01 f/ml |
| 12509-40-3-6 | Background | Background air tests as removal of contaminated soil is being removed from site 79-80. | Top of site 79-80 near entrance to DCU. | < 0.01 f/ml |

|         |              |           |                                                                                     |      |       |      |            |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|
| Analyst | Patric James | Signature |  | Time | 12:14 | Date | 10/02/2021 |
|---------|--------------|-----------|-------------------------------------------------------------------------------------|------|-------|------|------------|

Opinions and interpretations contained within this report are outside of our UKAS accreditation. Sampling and testing was carried out in accordance with documented in-house test methods and procedures based on HSG248 (Test Procedures 1 and 2). Any deviations from these procedures are noted within the comments section of the report.

|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-3 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |



|              |                                             |               |      |           |                      |      |            |
|--------------|---------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                       | Client Job No | TBC. | Report No | 12509-40-3 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterlooville England PO8 0TD |               |      |           |                      |      |            |

## Air Test Results

| Sample No    | Pump No | Cowl No | Location                                | Start Time | Finish Time | Volume | Reported Result |
|--------------|---------|---------|-----------------------------------------|------------|-------------|--------|-----------------|
| 12509-40-3-1 | SP-050  | PJ1     | Walkway by side of site 79-80.          | 09:22      | 10:03       | 492    | < 0.01 f/ml     |
| 12509-40-3-2 | SP-052  | PJ3     | Walkway to side of site 79-80.          | 09:27      | 10:08       | 492    | < 0.01 f/ml     |
| 12509-40-3-3 | SP-040  | PJ2     | Top of site 79-80 near DCU.             | 09:31      | 10:12       | 492    | < 0.01 f/ml     |
| 12509-40-3-4 | SP-050  | PJ1     | To the side of site 79-80.              | 10:25      | 11:06       | 492    | < 0.01 f/ml     |
| 12509-40-3-5 | SP-052  | PJ2     | Walkway to side of site 79-80.          | 10:33      | 11:14       | 492    | < 0.01 f/ml     |
| 12509-40-3-6 | SP-040  | PJ3     | Top of site 79-80 near entrance to DCU. | 10:37      | 11:18       | 492    | < 0.01 f/ml     |

| Sample No    | Start flow rate l/m | Finish flow rate l/m | Actual flow rate l/m | Total time (minutes) | Fibre count | Fields counted | Calculated Result |
|--------------|---------------------|----------------------|----------------------|----------------------|-------------|----------------|-------------------|
| 12509-40-3-1 | 12                  | 12                   | 12                   | 41                   | 3           | 200            | 0.002             |
| 12509-40-3-2 | 12                  | 12                   | 12                   | 41                   | 1.5         | 200            | 0.001             |
| 12509-40-3-3 | 12                  | 12                   | 12                   | 41                   | 2           | 200            | 0.001             |
| 12509-40-3-4 | 12                  | 12                   | 12                   | 41                   | 2           | 200            | 0.001             |
| 12509-40-3-5 | 12                  | 12                   | 12                   | 41                   | 3.5         | 200            | 0.002             |
| 12509-40-3-6 | 12                  | 12                   | 12                   | 41                   | 2           | 200            | 0.001             |

|                                   |         |                                     |        |
|-----------------------------------|---------|-------------------------------------|--------|
| Microscope no                     | MS-11   | Samples scanned using x10 objective | Yes    |
| Laboratory type                   | Mobile  | Exposed Filter Diameter (mm2)       | 22.5   |
| Laboratory reference              | CN69DVY | Flowmeter No:                       | FLO-04 |
| NPL Test Slide No                 | NPL-08  | Flowmeter No:                       | FLO-11 |
| Stage Micrometer No               | SM-08   | NPL Band 5 Achieved:                | Yes    |
| Barometer / Thermometer Reference | TB-008  | Graticule Diameter measured (µm):   | 100    |
| Air pressure (mb)                 | N/A     | Timepiece Reference                 | MOB-09 |
| Temperature (°C):                 | N/A     | Field Blank Result                  | N/A    |

Sampling and Testing is carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures.

NOTE:

|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-3 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |

**(\*) UNCERTAINTY OF MEASUREMENT:** The lower limit of accurate measurement (fibre level, f/ml) of the above method is stated in HSG248 as about 0.010 fibres/ml. When the sample volume is equal to or greater than 480 litres and 200 graticule fields are examined, the result may be expressed as <0.01f/ml. For sample volumes below 480 litres and counts of less than 200 graticules, the lower limit of accurate measurement will be higher.

**(+) ACTUAL FLOW RATE:** Determined by averaging the calibrated intermediate flow rate and/or where differences in ambient temperatures and/or pressures between the calibration and sampling sites are greater than 5%.

|         |              |           |                                                                                   |      |            |
|---------|--------------|-----------|-----------------------------------------------------------------------------------|------|------------|
| Analyst | Patric James | Signature |  | Date | 10/02/2021 |
|---------|--------------|-----------|-----------------------------------------------------------------------------------|------|------------|

|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-3 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |

## Photographs



Photograph 10297



Photograph 10298

|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-3 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |



Photograph 10299



Photograph 10300



Photograph 10301

|              |                                              |               |      |           |                      |      |            |
|--------------|----------------------------------------------|---------------|------|-----------|----------------------|------|------------|
| Job No       | 12509                                        | Client Job No | TBC. | Report No | 12509-40-3 - Issue 1 | Date | 10/02/2021 |
| Site Address | Lovedean Lane Waterloooville England PO8 0TD |               |      |           |                      |      |            |



Photograph 10302

# **APPENDIX G**

## **Asbestos Management Plan**



**Geo-Environmental**

**ASBESTOS MANAGEMENT PLAN**

**for the land at**

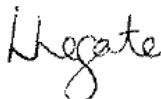
**WOODCROFT FARM PHASES 2B & 3,**

**WOODCROFT LANE, LOVEDEAN,**

**HAMPSHIRE, PO8 9QA**

**on behalf of**

**VISTRY HOMES SOUTHERN**

|                |                                                                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report:        | ASBESTOS MANAGEMENT PLAN                                                                                                                                            |
| Site:          | WOODCROFT FARM PHASES 2B & 3, WOODCROFT LANE, LOVEDEAN, HAMPSHIRE, PO8 9QA                                                                                          |
| Client:        | VISTRY HOMES SOUTHERN                                                                                                                                               |
| Date:          | 28/08/2020                                                                                                                                                          |
| Reference:     | GE18761-AMP-AUG20                                                                                                                                                   |
| Version:       | 1.0                                                                                                                                                                 |
| Prepared by:   | <br>FIONA GOODE BSc (Hons), MSc, FGS, MEnvSc, RSoBRA<br>SENIOR CONSULTANT ENGINEER |
| Reviewed by:   | <br>LAURA LEGATE CGeol, CSci, BSc, (Hons), MSc, FGS<br>REGIONAL MANAGER - WEST   |
| Authorised by: | <br>GLYN EVANS BSc., M.Sc., FGS., P.G.Dip., MEnvSc<br>MANAGING DIRECTOR          |

**Geo-Environmental Services Limited**  
Unit 7, Danworth Farm, Cuckfield Road, Hurstpierpoint, West Sussex, BN6 9GL  
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## FIGURES

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## APPENDICES

|            |                                    |
|------------|------------------------------------|
| APPENDIX A | CAR-SOIL2012 Decision Support Tool |
|------------|------------------------------------|

**AMENDMENT RECORD**

| Revision ref. | Date       | Reasons for amendment | Prepared by | Reviewed by | Approved by |
|---------------|------------|-----------------------|-------------|-------------|-------------|
| 1.0           | 28/08/2020 | Initial issue         | FG          | LL          | GE          |
|               |            |                       |             |             |             |
|               |            |                       |             |             |             |
|               |            |                       |             |             |             |
|               |            |                       |             |             |             |

## **1.0 INTRODUCTION**

### **1.1 General**

Geo-Environmental Services Limited (Geo-Environmental) was appointed by Vistry Homes Southern, to compile an Asbestos Management Plan (AMP) in relation to the proposed residential development on land at Woodcroft Farm Phases 2B and 3, Woodcroft Lane, Lovedean, Hampshire, PO8 9QA herein referred to as 'the site' (Figure 1). The AMP has been developed in conjunction with the Remediation Strategy and Verification Plans, and the Materials Management Plan also developed for the site as detailed below:

- Remediation Strategy and Verification Plan – Chalk Pit, ref: GE16943 – RSVP-CP-V5.0 - AUG20, dated August 2020
- Remediation Strategy and Verification – Farmyard, ref: GE16943 – RSVP-FY-V5.0 - AUG20, dated August 2020
- Remediation Strategy and Verification – Horse Arena, ref: GE16943 – RSVP-HA-V4.0 - AUG20, dated August 2020
- Materials Management Plan, ref: GE18761-MMP-AUG20, dated August 2020

### **1.2 Objectives**

The Asbestos Management Plan (AMP) sets out the proposed methodology and best practice for works to be undertaken on the subject site to support its development for a residential end use to ensure that adequate protection is in place to mitigate potential risks to human health.

## **2.0 BACKGROUND**

This AMP has been developed for the site from the findings of the various phases of assessment undertaken across the site. The presence of asbestos has been identified on the site within the farmyard area and the chalk pit area, both as ACMs and as loose fibres within the soil. As such it was considered that an Asbestos Management Plan (AMP) was required to support the ongoing works and development of the site.

The following reports detail the phases of site investigation works undertaken at the site:

- Geoenvironmental and Geotechnical Ground Investigation Report, undertaken by Peter Brett Associates LLP on behalf of Grainger PLC, Project ref: 21834/030, Doc ref: R02/rev01, Dated July 2013.
- Intrusive Site Investigation Letter Report ref: GE16662/FG02/170929 undertaken on behalf of Grainger PLC and Linden Homes South, Dated 29th September 2017
- Remediation Strategy and Verification Plan – Chalk Pit, ref: GE16943 – RSVP-CP-V5.0 - AUG20, dated August 2020
- Remediation Strategy and Verification – Farmyard, ref: GE16943 – RSVP-FY-V5.0 - AUG20, dated August 2020
- Remediation Strategy and Verification – Horse Arena, ref: GE16943 – RSVP-HA-V4.0 - AUG20, dated August 2020

A brief overview of salient findings of the reports is presented below. For further information, the individual reports (listed above) should be referred to directly.

## **2.1 Overview**

The wider site's previous uses included use as a farm with associated barns and buildings, scrapyards, horse arena and a former chalk pit which was infilled as an inert landfill.

During the Geo-Environmental, August 2017, Ref: GE16662/FG02/170929 intrusive investigation, the farm complex area, shown in Figure 2, comprised a farm house located in the south east of the complex area, with private gardens to the front and rear of the property. To the north and west of the farm house were a number of stable blocks that at the time of the site investigation works were occupied by a number of horses. The stable blocks were constructed on hard standing, generally concrete, and comprised a mixture of wooden stables and stables constructed within breeze block barns. These barns were noted to have corrugated roofs that have the potential to contain asbestos.

In the central area and west of the farm complex area was an area utilised for parking, and the storage of scrap type items. This included engines, vehicles (in varying states of repair), a skip of metal, and other assorted metal items. There was also evidence of recent burning activities being undertaken within this area, piles of ash and blackened patches were noted. A manure heap was also located with the central northern part of this area.

This farmyard area was subsequently demolished with all buildings and areas of hardstanding being removed.

The Peter Brett, 2013 investigation, Ref: 21834/030 reported that Made Ground was encountered within all the locations investigated at the infilled pit where landfill materials were placed during the 1970s. The Made Ground (Landfill) was found to be variable in composition and comprised brown grey and black clay with variable proportions of sand and gravel. Some timber and organic matter were encountered within the Made Ground. Some of the clay materials within the landfill were noted to have organic odour. The Made Ground within the infilled pit locally contained fragments of concrete and brick sections up to 1.20m long and 0.20m thick. The Made Ground was encountered to between 0.60m (TP04) to a maximum depth of 5.80m below ground level (WS02) in the infilled pit. A fragment of cement bound tile suspected to contain asbestos that was detected in TP02 within the infilled pit.

Asbestos screening identified detectable asbestos fibres within the Made Ground from one location. Asbestos fibres were identified within the Made Ground in the landfill area and the horse arena. It was also considered likely that asbestos would be identified within the Made Ground in the vicinity of the farm buildings.

A supplementary geotechnical and geo-environmental investigation was undertaken by Geo-Environmental Services Limited in August 2017, Ref: GE GE16662/FG02/170929. Encountered ground conditions were found to comprise a mantle of Topsoil and/or Made Ground overlying, clay, gravelly clay and sandy clay, with bands of flint cobbles and bands of sandy clay in certain locations. Chalk was encountered within boreholes BH301 and BH303 at depths of 12.90m bgl and 1.90m bgl respectively. Made Ground was encountered within all the trial pits located within the farmyard complex area and was also encountered in TP211, TP213 and TP214. The Made Ground was found to comprise bricks, brick fragments, chalk of cobble and gravel size, ashy deposits, plastic, wood, possible asbestos (tiles and sheets), concrete, tarmac, and charcoal. Made Ground was encountered to a maximum depth of 2.30m bgl, although TP225 was terminated within the Made Ground at 0.60m bgl so the full depth of Made Ground in this location was not established. Due to the use of the farm buildings as stables, and horses being present at the time of the investigation, it was not possible to investigate beneath these existing farm/stable buildings.

Soil samples collected during this investigation were submitted for asbestos screening and where asbestos

was identified quantification testing was carried out. Asbestos was identified within 3No. locations within the farmyard area. Given the age of the buildings still present on site at the time of the intrusive investigation works it was considered that there was the potential for asbestos to be present within the building fabric. Previous investigations undertaken by third parties also identified the presence of asbestos within soils within the farmyard complex area.

Due to the restriction in access to some areas of the farmyard complex during the initial investigation works, it was recommended that following demolition of the buildings on site, further intrusive investigations were carried out to identify and delineate the location of asbestos within the Made Ground within the farmyard area.

Subsequent investigations undertaken by Geo-Environmental in May 2018 (investigation findings reported in reports, GE16943 – RSVP-CP-V5.0 - AUG20, GE16943 – RSVP-FY-V5.0 - AUG20 and GE16943 – RSVP-HA-V4.0 - AUG20) were to carry out additional targeted investigation works within specific areas of the site including, but not exclusive to, the farmyard area (following demolition of the buildings), the chalk pit/ landfill area and the horse arena.

Intrusive investigation works undertaken with the farmyard area were undertaken following the demolition of the existing farm buildings. Soil samples were submitted for asbestos screening and where asbestos was identified quantification testing was carried out. Three samples within the farmyard area identified the presence of asbestos. The asbestos identified within TP230 was in the form of asbestos tiling. The tile fragments discovered were relatively intact within the ground. During the additional delineation investigation work carried out in May 2018, potential asbestos containing materials (ACM) were observed within stockpile demolition material associated with the demolition of the farmyard buildings. In addition, sporadic ACM's were observed within the surface soils across the farmyard area.

Additional intrusive investigation works were also undertaken within the chalk pit/ former landfill area of the site. Soil samples collected during this phase of investigation works were submitted for asbestos screening and where asbestos was identified quantification testing was undertaken. Three samples identified the presence of asbestos, in addition due to the extent and variation of the Made Ground/ landfill materials encountered within this area of the site it was considered prudent to assume the potential for sporadic presence of ACM within the Made Ground across the chalk pit/ former landfill area.

Asbestos was not identified elsewhere across the site.

## **2.2 Proposed Site Use**

The proposed development comprises a development of up to 288No. homes with, a new access road from Eagle Avenue, internal access roads, associated car parking, open space and landscaping (private gardens and communal). Should the proposed development proposals change the Asbestos Management Plan (AMP) would remain valid for construction works undertaken on the site, subject to a review of the risk assessment.

## **2.3 Conceptual Site model**

Remediation works are proposed to break the identified plausible pollutant linkages associated with respect to the presence of asbestos within specific areas of the site.

This would be undertaken as several phases of works on site and only within the specific areas identified:



- 1) Reduced dig to the minimum depths indicated on Figure 9 within the Farmyard area only to achieve the required formation level to accommodate the required soil cover thickness, or the full extent of the Made Ground where Made Ground is shallower.
- 2) It is proposed to retain and re-use the excavated soils (without treatment) within garden plots (at depth beneath the soil cover system) where levels require raising to achieve development levels and hence the requirement for the volume of excavated soil being generated from the reduced dig. These works would be undertaken inline within the Materials Management Plan (MMP) ref: GE18761-MMP-AUG20.
- 3) If excavated soils are to be stored on site prior to their removal they will need to be placed on and covered with sheeting to prevent the spread of any asbestos or asbestos containing material. It is preferable for excavated soils from the reduced dig to be relocate directly to the final re-use location without stockpiling so as to avoid double handling, stockpile controls and the like.
- 4) Material re-use is subject to the requirements of this and associated remedial strategies which apply to the development within the overall site boundary and no materials are to be excavated or moved until a Materials Management Plan is in place and the required QP Declaration has been submitted to CLAIRE as required under the DOWCOP. This will include agreement in principal for the proposed re-use and agreement of the RSVPs for the site with the regulators (Local Authority and Environment Agency. Movement of materials outside of these protocols would be considered an illegal waste process and subject to legal action and financial penalties applied by the regulators to the developer and/or groundworks contractor.

*Farmyard Area (FY) – Phase 2B and 3:*

- 5) Installation of a soil cover system in garden areas and areas of soft landscaping to break the pollutant linkage for the contaminants identified within the Made Ground soils in the farmyard area, and to also provide suitable growing media. Where the reduced dig does not remove all of the Made Ground and hence the cover system is to be laid over Made Ground, it shall incorporate a 150mm thick break layer formed of stone or crushed concrete with a geotextile membrane laid above and beneath, and overlain by a deter to dig geofabric to act as a visible deterrent overlain by a minimum 300mm thickness of subsoil and a minimum of 300mm of Topsoil. Where the reduced dig removes all Made Ground and exposes uncontaminated natural strata and is validated as such, the soil cover system shall comprise clean subsoil and a minimum 300mm of suitable Topsoil, the thickness of subsoil in this scenario will defined by the difference between the finished garden level (minus 300mm Topsoil) and the reduced dig level. The cover system is likely to be completed with Topsoil placement towards the end of plot specific development with the placement of Topsoil.

*Chalk Pit/ Former Landfill Area (CP)- Phase 3:*

- 6) Installation of a soil cover system in private garden areas and areas of soft landscaping to break the source, pathway receptor pollutant linkage for the contaminants identified within the chalk pit and landfill area, and to also provide suitable growing media. The cover system is to comprise a 150mm thick break layer formed of stone and crushed concrete with a geotextile membrane laid above and beneath, overlain by a deter-to-dig membrane, such as an Alert Geofabric to act as a visible barrier to excavation, 600mm thickness of subsoil and Topsoil to include a minimum of 300mm of Topsoil. The cover system is likely to be completed with Topsoil placement towards the end of plot specific development with the placement of Topsoil on given plots.

The proposed capping system would be achieved by undertaking a reduced dig within identified specific Plots within the farmyard area only and the installation of a capping system within all Plots in the identified

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Farmyard and Chalk Pit areas. These works would be monitored through observations and records providing a documentary evidence trail of the materials if removed from site. Validation works would be undertaken upon completion of the remediation works to demonstrate the depth of reduced dig and the thicknesses and composition of the capping layer installed.

The aim of the remediation is not to remove all contamination identified on site but to reduce the identified risk to an acceptable level with respect to human health in terms of asbestos.

### **3.0 ASBESTOS**

Asbestos is a naturally occurring mineral which was used as a building material up until 2000 and is commonly found as either free fibres or as part of asbestos-containing material (ACMs) in the ground during site development.

Three main types of asbestos are commonly used in the UK:

- 1) Crocidolite – commonly known as blue asbestos;
- 2) Amosite – commonly known as brown asbestos and
- 3) Chrysotile – commonly known as white asbestos.

Asbestos is responsible for over 5000 deaths every year. Younger people, if routinely exposed to asbestos fibres over time, are at greater risk of developing asbestos-related disease than older workers. This is due to the time it takes for the body to develop symptoms after exposure to asbestos (latency). Exposure to asbestos can cause four main diseases:

- Mesothelioma (a cancer of the lining of the lungs; it is always fatal and is almost exclusively caused by exposure to asbestos)
- Asbestos-related lung cancer (which is almost always fatal)
- Asbestosis (a scarring of the lungs which is not always fatal but can be a very debilitating disease, greatly affecting quality of life)
- Diffuse pleural thickening (a thickening of the membrane surrounding the lungs which can restrict lung expansion leading to breathlessness.)

Hodgeson and Darton (2000) epidemiological studies reported:

“At exposure levels seen in occupational cohorts it is concluded that the exposure specific risk of mesothelioma from the three principal commercial asbestos types is broadly in the ratio 1:100:500<sup>1</sup> for chrysotile, amosite and crocidolite, respectively”. Amosite or crocidolite (amphipoles) pose a greater risk than that from the same level of exposure to chrysotile”

(<sup>1</sup> 1:100:500 relates to the risk rating, a factor of 1 for chrysotile, 100 for amosite, 500 for crocidolite. In essence at exposure to the same fibre levels you are 500 more times likely to get mesothelioma from exposure to crocidolite than to chrysotile.)

#### **3.1 Control of Asbestos Regulations**

The Control of Asbestos Regulations 2012 came into force on 6th April 2012. The following section summarises the main requirements of the regulations, reference to the regulations is needed to understand the detailed requirements.

“Control measure” means a measure taken to prevent or reduce exposure to asbestos (including the provision of systems of work and supervision, the cleaning of workplaces, premises, plant and equipment, and the provision and use of engineering controls and personal protective equipment).

The “control limit” refers to the concentration of asbestos fibres in any localised atmosphere, measured and averaged over a continuous period of four hours, in accordance with the 1997 World Health Organisation's recommended method. At the moment, the control limit is 0.1 asbestos fibres per cubic

centimetre of air ( $0.1 \text{ f/cm}^3$ ). The control limit is not a 'safe' level and work activities involving asbestos should be designed to be as far below the control limit as possible. HSE has progressively tightened the control limit since 1987.

The Control of Asbestos Regulations 2012 identifies two scenarios for consideration and where control is necessary:

**Designated Asbestos Areas** – Any area where work with asbestos is being carried out and should be isolated with suitable barriers and warning notices identifying the area as an asbestos area. However, this requirement does not apply to non-licensable work where asbestos fibres will be much lower than the asbestos in an air control limit.

**A Respirator Zone** – is an area within an asbestos area where exposure may exceed the asbestos control limit. Typically a respirator zone will be a designated area within an enclosure. Only employees who have been suitably trained in the use of RPE (Respiratory Protective Equipment) and have other relevant health and safety training can enter the respirator zone. This includes not only employees engaged in the asbestos work but also personnel carrying out other activities such as air monitoring, emergency services etc.

Neither of these descriptions are considered to apply to this site, however, should conditions change with the release of excessive fibres these scenarios may become relevant.

Work involving some lower risk asbestos-containing materials (e.g. asbestos cement products and textured decorative coatings, among others) can be carried out if a risk assessment demonstrates that the control limit will not be exceeded and that any exposure to asbestos is expected to be 'sporadic and of low intensity'. The control limit for this type of non-licensed work is  $0.6 \text{ asbestos fibres per cubic centimetre of air}$  ( $0.6 \text{ f/cm}^3$ ), measured over a ten-minute period. Any work which is likely to result in exposures at or above this level cannot be considered to be sporadic and of low intensity and should therefore only be carried out by a licensed contractor.

For the purposes of the Regulations, work with asbestos is not “short duration work” if, in any seven day period

- work, including any ancillary work liable to disturb asbestos, takes more than two hours; or
- any person carries out that work for more than one hour.

The Regulations state no exposure to asbestos will be “sporadic and of low intensity” if the concentration of asbestos in the atmosphere exceeds the control limit.

Notification of work with asbestos, establishment of “designated areas” and creation of health records and medical surveillance do not apply where the exposure to asbestos of employees is sporadic and of low intensity; and it is clear from the risk assessment that the exposure to asbestos of any employee will not exceed the control limit.

A Risk Assessment of the proposed work which potentially exposes employees to asbestos must be carried out by the employer and identify the steps needed to protect the workers from the identified type(s) of asbestos, determine the nature and degree of exposure which may occur and consider the effects of control measures which have been or will be taken.

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The employer must consider the results of monitoring of exposure, set out the steps to be taken to prevent that exposure or reduce it to the lowest level reasonably practicable. The employer must consider the results of any medical surveillance that is relevant; and include such additional information needed in order to complete the risk assessment.

The risk assessment must be reviewed regularly, and immediately if:

- There is reason to suspect that the existing risk assessment is no longer valid;
- There is a significant change in the work to which the risk assessment relates; or
- The results of any monitoring carried out show it to be necessary, and where, as a result of the review, changes to the risk assessment are required, those changes must be made and, where they relate to the significant findings of the risk assessment or are themselves significant they must be recorded.

A written plan of work must be produced that details the work to be carried out and a copy of the plan of work must be kept at those premises where the work is being carried out and must set out the methods to be applied where the work involves the handling of asbestos or materials containing asbestos, relating to the equipment to be used for:

- i. Protection and decontamination of those carrying out the work, and
- ii. Protection of other persons on or near the worksite.

The employer must prevent as is reasonably practicable or reduce exposure to asbestos where it is not reasonably practicable to prevent such exposure and take the measures necessary to reduce exposure to asbestos of any such employee to the lowest level reasonably practicable by measures other than the use of respiratory protective equipment, and ensure that the number of any such employees exposed to asbestos at any one time is as low as is reasonably practicable.

Where it is not reasonably practicable to prevent the exposure to asbestos in order of priority employers must:

- Design and use appropriate work processes, systems and engineering controls and provide and use of suitable work equipment and materials in order to avoid or minimise the release of asbestos, and
- Control exposure at source, including adequate ventilation systems and appropriate organisational measures, and the employer must so far as is reasonably practicable provide any employee concerned with suitable respiratory protective equipment

Where it is not reasonably practicable for the employer to reduce the exposure to asbestos to below the control limit by the measures referred to above then, in addition to taking those measures, the employer must provide that employee with suitable respiratory protective equipment which will reduce the concentration of asbestos in the air inhaled by that employee (after taking account of the effect of that respiratory protective equipment) to a concentration which is:

- below the control limit; and
- as low as is reasonably practicable.

Personal protective equipment provided must be suitable for its purpose and comply with any provision of the Personal Protective Equipment Regulations 2002; or in the case of respiratory protective equipment be of a type approved, or must conform to a standard, approved by the HSE. In this case the Health and Safety Executive Equipment and Method sheet EM6 “Asbestos Essential – Non Licensed tasks” is appropriate and can be found at:

<http://www.hse.gov.uk/pubns/guidance/em6.pdf>

Employers must ensure that no employee is exposed to asbestos in a concentration in the air inhaled which exceeds the control limit. If the control limit is exceeded employers must immediately inform any employees concerned and their representatives and ensure that work does not continue in the affected area until adequate measures have been taken to reduce exposure to asbestos below the control limit, and ensure a very clean working environment.

Employers must ensure, so far as is reasonably practicable, that the plan is carried out in accordance with that plan and any subsequent written changes to it.

Employees must be given the appropriate level of information, instruction and training, and use any control measures provided and maintain safety equipment, including PPE and PRE in a clean condition.

The regulations impose a duty that asbestos is not spread (i.e. uncontrolled spreading/release, rather than controlled relocation of Made Ground as proposed for this site)

The area of working has to be designated and if respiratory equipment is to be used, that area has to be specifically designated.

If the control limit is likely to be exceeded air monitoring is required. In relation to work carried out indoors, or enclosed spaced, a “certificate of reoccupation” is required, prior to any persons entering without the use of control measures. The person carrying out such monitoring has to be appropriately qualified.

For licensed and notifiable non-licensed work with asbestos, health records and medical surveillance is required for any persons undertaking that work.

Adequate washing and changing facilities must be provided for employees who are exposed to asbestos. When protective clothing is issued relating to asbestos adequate facilities for the storage of that protective clothing, and personal clothing not worn during working hours must be provided where an employer is required to provide respiratory protective equipment, adequate facilities for the storage of that equipment must be provided. The facilities for the storage of personal protective clothing, personal clothing not worn during working hours and respiratory protective equipment must be separate from each other.

### **3.2 CAR-SOIL**

The Control of Asbestos Regulations 2012 applies to all work with asbestos but focuses on exposure to asbestos from ACM within buildings. CAR-SOIL (‘Control of Asbestos Regulations 2012 - Interpretation for Managing and Working with Asbestos in Soil and Construction and Demolition Materials: Industry guidance’) published in 2016 provides guidance to assist employers with compliance with CAR2012 when undertaking work on soils and construction and demolition materials which contain or may contain asbestos. (see <https://www.claire.co.uk/component/phocadownload/category/36-asbestos-in-soil?download=545:jiwg-car->

[soil-guidance\)](#)

This guidance includes advice for ascertaining whether the proposed work with asbestos containing soils is non-licensed work, notifiable non-licensed work or licensed work. CAR-SOIL also provides useful guidance for the interpretation of asbestos quantification testing results with regard to ascertaining whether asbestos is present in large, moderate, low or very low quantities in terms of the regulations.

Given the site investigation findings detailed earlier, it is considered that the work with the asbestos containing soils at the site would be non-licensed work. This decision has been reached with reference to Figure 2 on page 42 of CAR-SOIL as follows:

- The work on asbestos contaminated soil is 'Ground Remediation Works'
- The work with asbestos will be unlikely to generate fibre release which will exceed the control limit
- The work is not with 'clearly identifiable' insulation or AIB ('clearly identifiable' in this context means the ACM form could be identified *in situ* by a competent and trained person, the insulation/lagging encountered by the previous investigations was identified as such by laboratory testing)
- The work is with fibrous 'debris' and all other ACMs (i.e. asbestos cement)
- The asbestos material is degraded at the outset of the work
- The asbestos is present in low levels (maximum asbestos quantification result of 0.018% w/w)

This decision has also been considered within the Joint Industry Working Group's 'Decision Support Tool for the Categorisation of Work Activities Involving Asbestos in Soil and Construction & Demolition Materials in accordance with the Control of Asbestos Regulations 2012: v2.1 March 2017'. This spreadsheet tool provides a decision support platform to aid the categorisation of work under CAR2012 and supports the CAR-SOIL guidance.

The decision support tool indicated that the work with the Made Ground soils at this site would be non-licensed work. A copy of this decision support tool and its results for the site is included in Appendix A.

### **3.3 Site Investigation Findings**

The ground conditions on site have been established through several phases of intrusive investigation. Encountered soils comprised a mantle of Topsoil and/ or Made Ground overlying Head Deposits and/ or soils of the Lambeth Group which in turn in some locations overlay the Tarrant Chalk.

The ground conditions were observed to vary over relatively short distances, i.e. within the extent of some of the trial pits/trenches excavated. In addition, the depth to the Chalk was observed to vary significantly such that whilst Chalk was encountered at relatively shallow depth in some of the exploratory holes, it was not encountered in others.

Representative environmental soil testing was carried out based on the land use assessment for the site. It was considered that remedial action would be warranted in specific areas of the site; the farmyard, the chalk pit/ former land and the horse arena. Remedial action was not considered necessary for the majority of the site.

Based on the soil analysis undertaken and the presence/quantification of asbestos. The results show only a small percentage of samples were recorded as containing asbestos, these samples were located within the Farmyard and Chalk Pit areas only. However given that ACMs were potentially noted to be present within stockpiles in the farmyard area and the nature of the fill/ Made Ground material encountered within the chalk

pit area, it was considered that there was the potential for further asbestos to be present within the Made Ground across both the farmyard area and the chalk pit area of the site. Chrysotile was positively identified in six locations on site, three within the farmyard area and three within the chalk pit area, in TP225 at 0.25m bgl (August 2017), TP239 at 0.50m bgl (August 2017), TP315 at 0.20m bgl (May 2018), TP213 at 1.00m bgl (August 2017), TP302 at 0.20m bgl (May 2018) and WS407 at 3.00-4.00m bgl (May 2018) and Crocidolite in TP213 at 1.00m bgl (August 2017).

Quantification testing for asbestos was not undertaken during both the August 2017 and May 2018 investigations undertaken for the site. The results are summarised in Table 1.

From a risk assessment point of view it has to be assumed that the results reported are representative of the levels present within the Made Ground across the site (that is unless further quantification was to be carried out. However, further quantification may not be appropriate if the chosen control method is clean capping or off-site disposal. It may be appropriate if selective hot spot removal was considered, but this is considered inappropriate for this site).

Above concentrations of 0.1% w/w asbestos in soil these materials are considered to be hazardous waste and would have to be treated as such if disposed of off-site. The quantification result from TP225, TP239, TP213 and WS407 shows the materials identified within these locations to be above this level.

| Location | Depth (m bgl) | Type                       | Free Fibres (%) | Total (%) |
|----------|---------------|----------------------------|-----------------|-----------|
| TP225    | 0.25          | Chrysotile                 | <0.001          | 3.54      |
| TP239    | 0.50          | Chrysotile                 | <0.001          | 25.0      |
| TP315    | 0.20          | Chrysotile (fibre bundle)  | <0.001          | <0.001    |
| TP213    | 1.00          | Chrysotile and Crocidolite | <0.001          | 2.66      |
| TP302    | 0.20          | Chrysotile                 | <0.001          | 0.726     |
| WS407    | 3.00-4.00     | Chrysotile                 | <0.001          | 0.147     |

**Table 1 Asbestos Results Reported for the site.**

### 3.4 Conceptual Site Model - For Asbestos Only

For a human health risk to exist there needs to be one or more contaminant- pathway-receptor linkages i.e. a “pollutant linkage”, by which a relevant receptor might be affected by the contaminants in question. In other words, for a risk to exist there must be contaminants present in, on or under the land in a form and quantity that pose a hazard, and one or more pathways by which they might pollute controlled waters or harm human health.

Defra (2012) in Environmental Protection Act Part: 2a – Contaminated Land Statutory Guidance provides the following definitions:

- “contaminant” is a substance which is in, on or under the land and which has the potential to cause significant harm to a relevant receptor, or to cause significant pollution of controlled waters.
- A “receptor” is something that could be adversely affected by a contaminant, for example a person, an organism, an ecosystem, property, or controlled waters.

- c) A “pathway” is a route by which a receptor is or might be affected by a contaminant.

The term “pollutant linkage” means the relationship between a contaminant, a pathway and a receptor. All three elements of a contaminant linkage must exist for there to be a risk to the identified receptor.

The conceptual site model summarises what is known about the ground conditions at the site, then goes on to describe potential sources, pathways and receptors and identify viable pollutant linkages.

Asbestos has been identified to be the source of contamination on the site. The plausible pathways are summarised in Table 2. These pathways are based on the proposed end use to comprise a residential land use, including communal gardens and soft landscaping.

| Pathway          | Description                                                                         |
|------------------|-------------------------------------------------------------------------------------|
| Inhalation       | Inhalation of asbestos fibres by site worker(s)                                     |
|                  | Inhalation of asbestos fibres by off-site receptors e.g. adjacent land owners/users |
|                  | Inhalation of asbestos fibres by site users/residents                               |
| Windblown fibres | Offsite receptors exposed to windblown asbestos fibres                              |

**Table 2 Contaminant Pathways for Asbestos post development**

Asbestos does not have an adverse effect on surface water, ground water, vegetation or building materials, therefore these receptors can be discounted from this assessment (but please note the Geo-Environmental report identified other chemical contaminants, but they are not repeated here being outside the scope of this report).

#### 4.0 ASBESTOS RISK ASSESSMENT

The risk assessment has been undertaken in general accordance with Defra / Environment Agency's guidance Model Procedures for the Management of Land Contamination (2004).

There are currently no UK Soil Guideline Values relating to asbestos. The Control of Asbestos Regulations 2012 specify a limit for worker exposure to all types of asbestos of 100 000 fibres per m<sup>3</sup> averaged over four hours. This "control limit" is described as not a "safe" level, and exposure from work activities involving asbestos should be reduced to as low as reasonably practicable.

Furthermore, it should be noted that industry experts have stated:

"Currently there is neither a standard method for determining the amount of asbestos present in soil or even an agreed minimal risk level or generic assessment criterion for asbestos in soil. This means that the legal and practical position is unclear on what steps should be taken and to what extent to remove the asbestos. (Asbestos: The hidden hazard on brownfield sites" (Evolution Magazine CIRIA - Joane Kwan, Paula Whitell and Paul Nathaniel 2012)

The distribution of asbestos is considered to be wide spread throughout the Made Ground within the farmyard and chalk pit areas of the site only, and quantified at a level that merits control measures being employed to remove the ACMs identified at ground level and where the ground is to be disturbed.

The quantification test undertaken on site identified total levels of between <0.001% and 25% and free fibre levels of <0.001% with both chrysotile and Crocidolite being identified on the site.

Given that asbestos fibres and ACMs have been identified within the shallow soils within the farmyard and chalk pits areas of the site from ground level to 4.0m below ground level it is considered that there is a potential risk to on site users and people off site, given that the asbestos could potentially be entrained in the wind. At these shallow depths it is considered that the material could be exposed by rutting if the site is traversed in wet weather (followed by subsequent drying out) by demolition and construction vehicles. As such vehicle movements should be limited and undertaken across designated paths on site, where clean materials have been laid to cover the Made Ground and prevent the spread of fibres.

In addition, a hand pick exercise should be undertaken to remove the visible ACM materials evident within the shallow soils on site, in order to prevent them being broken up and further fibres released during demolition and construction traffic around the site.

##### 4.1 Options Appraisal - Risks to End Users Following Construction

There are limited options associated with the remediation of land affected by contamination hence the brevity of this section.

###### Hot spot removal

This is not considered practical given the distribution of the asbestos identified visually and through analysis on the site.

### Remove all Made Ground from site

This would not be economically viable and not necessarily required by the regulatory authorities. Given the proposed development and depth of Made Ground identified across parts of the site, together with the subsequent requirement for disposal this is not considered to be the most cost effective or viable option for the site.

### Barrier / cover layers

- 1) Geomembranes – these are expensive and likely to be damaged during construction phases, thereby limiting the protection provided. This area also unsuitable in areas of proposed gardens and soft landscaping where digging in the garden or root zones of trees and vegetation's could penetrate through the geomembrane.
- 2) Soil cover system - Comprising a crushed concrete capillary break layer sandwiched between two geotextiles, overlain by a suitable thickness of subsoil and Topsoil. This represents the most practical and robust solution ensuring that the source, pathway, receptor linkage is broken and Asbestos is isolated from end uses. This forms the most common approach in the UK for management of asbestos and contaminated soil/material that are to remain on site.

## **4.2 Options Appraisal – Risks to Human Health During Construction**

### Proposed Control Measures

The primary objective of the proposed control measures is to mitigate the potential for airborne release of asbestos at the point of excavation, in transit, stockpiling and during final deposition.

- Site specific asbestos training/briefing for all workers involved in the project.
- Establishing areas where the work with asbestos containing soils is taking place and excluding other personnel and plant from this area to avoid the spread of asbestos (any site compound/cabins should be separated from these areas). These areas would include the area where excavation is taking place, the stockpiling area and the area where deposition is taking place.
- Dust suppression with sprayed water of all disturbed and exposed Made Ground soils – to prevent asbestos fibre release from soils. This includes the excavation area, exposed soils on stockpiles and the area of deposition.
- Where asbestos containing soils are stockpiled, exposed soils should be covered immediately with sheeting that is adequately anchored so it is not blown off – to prevent the spread of asbestos fibres. Any temporary stockpile location will be on an hardstanding where possible and this will mitigate the potential for stockpiled soils impacting the ground in the stockpile location. Nonetheless, subject to an inspection of the stockpile location prior to stockpiling commencing, the Contractor should also make provision for placing a polythene membrane across the proposed stockpile area.
- Once stockpiling is completed, including the placement of sheeting, the stockpile should be fenced off with Heras-type fencing (or other fencing which is not easily removed, plastic mesh or Chapter 8 pedestrian barriers are not acceptable). Signage should be placed at regular intervals indicating that the stockpile contains asbestos and entry is prohibited. This is to prevent inadvertent reuse of the soils.

- Regular inspection of the stockpile should take place to ensure the sheeting, fencing and signage remains in place. Any repairs to damaged sheeting should be made using the control measures and PPE listed in this section.
- When sheeting is removed from the stockpile prior to the transportation and final placement of the soils, dust suppression should recommence, and the sheeting should be disposed of as asbestos waste.
- Use of washable boots, without laces, and provision of boot washing facilities at exit of the working area – to prevent mud being tracked into site cabins, vehicles etc. where it could dry and generate inhalable dust.
- Use of disposable coveralls with elasticated cuffs and collars within the working area only – to protect workers clothes from asbestos fibres or asbestos containing soil which could then be transferred to locations off the site.
- Provision for washing plant prior to removal from the excavation area site paying special attention to tracks, wheels, buckets, cab floors, steps and footplates – to prevent the transfer of asbestos containing soils off the site and around the site.
- Provision for avoiding the spread of asbestos containing soils during transportation between the area of excavation, the stockpile and the area of proposed re-use particularly. Measures should include:
  - not overloading transportation plant to prevent spillage of soils
  - sheeting all loads prior to them departing the excavation area
  - washing wheels of transportation plant on leaving the excavation area
  - careful management of the cleanliness of the stockpiling and deposition area to ensure that transportation plant is not tracking asbestos containing soils across the site on leaving these areas.

#### Rejected Control Measures

Respiratory protective equipment (RPE) has been considered to protect groundworkers. However, the measures set out above represent the primary control measures to mitigate release of asbestos to the air thereby protecting the site workforce and occupants/residents of properties and land around the development. The control measures detailed above are considered sufficient to control asbestos fibre release such that RPE is not required as a mandatory, or primary control. In addition, groundworkers may not be accustomed to wearing masks and there is an increased health and safety risk associated with the use (or ineffective use) of unfamiliar masks and heavy plant. However, this should be revised if further ACM is discovered during the works or reassurance air monitoring indicates the control limit has been exceeded.

Notwithstanding the above, the Contractor should utilise PPE (including RPE and eye protection) additional to that listed in this section for additional precautionary protection. However, the use of PPE additional to that listed in the control measures would not replace any control measure. For example, the use of RPE would not remove the requirement for dust suppression as it would not mitigate the risk to adjacent land users and thus cannot be a primary control measure. The contractor should also utilise PPE for non-asbestos hazards such as hard hats and gloves in line with the relevant health and safety legislation.

## 5.0 REMEDIATION STRATEGY

### 5.1 Risk Mitigation Activities

The following risk mitigation activities are proposed at the site on the basis that the Made Ground within the farmyard and chalk pit areas is to remain as the preferred option:

#### Soft landscaping and gardens

- Hand pick exercise to remove the visible ACM materials evident within the shallow soils on site.
- Within specifically identified Plots within the farmyard area only a reduced level dig, depths as specified in Figure 9, is required in order to allow for the installation of a soil cover system so as to be inline within proposed final site levels.
- A cover system comprising a crushed concrete capillary break layer sandwiched between two geotextiles, overlain by a suitable thickness of subsoil and Topsoil. In total a placement of 600mm of clean soils as cover to limit exposure to asbestos from the Made Ground (The thickness proposed would also serve to be protective of other chemical contaminants identified within the Made Ground and Shallow soils on the site), This thickness should be agreed with the Local Authority specific to asbestos.
- Locally thickened for tree roots

#### Building footprint

The base of the building itself can act as a barrier to asbestos release. The difficulty of relying on this is that the owners may build extensions and penetrate below the building base. This is less likely for proposed higher rise buildings. However, documentation of the presence of asbestos within the Made Ground and shallow soils beneath building footprints and areas of hard standing should be recorded in case of future proposals. Whilst there is no specific requirement to remove asbestos containing materials where located beneath areas of hard standing and building footprint, the NHBC will not permit the re-use of soils containing asbestos beneath building footprints due to the potential ongoing maintenance issued associated with building which may subsequently expose the asbestos.

#### Piled Foundations

Should piling be proposed the piling mechanism should be one that results in the lowest level of disturbance to the Made Ground. Any pile arising should be segregated in terms of Made Ground and natural material to minimise the spread of asbestos to the natural arisings. Alternatively, continuous helical displacement piles (CHD) could be utilised to minimise arising's.

#### Excavations through Made Ground

Provided suitable precautions (i.e. damping down) are taken in excavating and placing material to prevent windblown fibres there is unlikely to be a risk to human health on or off site during these works.

#### Entry into excavations within Made Ground e.g. retaining walls with shallow foundations

Workers should be prevented from entering into excavations in the Made Ground. Excavations should be left open for as short a time period as possible. Therefore, work should be planned to minimise the length of open trenches for the installation of services. All services should be backfilled with clean gravel, or similar. Where Made Ground is to remain in the base of trenches, a marker plastic sheet should be placed at the base of the trenches. Where trenches are excavated through the whole depth of Made Ground a marker sheet is not required.

With regards to workers on the site, suitable Health and Safety precautions should be employed to minimise exposure to free fibres. Where this is not possible it is assumed that suitable PPE would need to be employed. As a minimum workers should be briefed on the risks associated with asbestos inhalation, suitable gloves should be worn and consideration should be given to the wearing of one piece overalls with elasticated sleeves and respiratory protective equipment, with a facility also provided to wash exposed areas of skin.

## 5.2 Refined Conceptual Model

| Potential Source/media        | Potential Receptors           | Potential Pathways | Likelihood | Consequence | Mitigation and Risk                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-------------------------------|--------------------|------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction Phase (Asbestos) | Site Workers                  | Air (indirect)     | Likely     | Medium      | <b>Moderate</b><br>Site works are likely to come into contact with soils via direct contact during development and construction works. Utilising mitigation measures to include: <ul style="list-style-type: none"> <li>• Damping Down with water.</li> <li>• Facilities for washing and drying.</li> <li>• No smoking, drinking, eating on the site.</li> </ul> Would serve to reduce the risk. As such the consequence would be reduced to low to moderate.   |
|                               | Neighbouring Land (residents) | Air (indirect)     | Likely     | mild        | <b>Moderate to Low</b><br>The surrounding land uses comprise a mixture of woodland, agricultural land and residential development. As such whilst there is a potential for materials to be mobilised by the wind the number of potential residents that may be affected is limited. In addition, appropriate controls on the site would serve to reduce the potential for fibre mobilisation. As such the consequence with appropriate mitigation would be low. |
|                               | Residents                     | Air (indirect)     | Unlikely   | Medium      | <b>Low</b><br>It is proposed to cap all areas of gardens and soft landscaping with a                                                                                                                                                                                                                                                                                                                                                                            |

## Asbestos Management Plan

| Potential Source/media             | Potential Receptors | Potential Pathways | Likelihood | Consequence | Mitigation and Risk                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|---------------------|--------------------|------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Post Construction Phase (Asbestos) |                     |                    |            |             | suitable capping system to break the source pathway receptor linkage from the site. In addition, it is proposed to undertake a hand picking exercise across the site to remove visible ACMs within the shallow soils on the site. As such the consequence following the proposed remediation measures on site would be very low.                                                                                   |
|                                    | Maintenance workers | Air (indirect)     | Low        | Medium      | <b>Moderate to Low</b><br>Services installed onsite would be constructed within clean backfill and covered with a clean capping layer. Where it is unavoidable to install services within Made Ground these should be backfilled with clean gravel or similar with marker warnings. As such with appropriate good practice construction methods the risk for ongoing maintenance workers on the site would be low. |

**Table 3 Refined Conceptual Model**

During excavation or loading of vehicles and if necessary, placing the material back on the ground/unloading, the material should be damped down to prevent windblown release. Covering of vehicles transporting material around the site should be considered. Any vehicles leaving the site and using the public highway should be sheeted. In addition, the storage of Made Ground materials within stockpiles on site should be covered.

## **6.0 ASBESTOS MANAGEMENT PLAN**

The excavation and placement of Made Ground contaminated with asbestos is not considered a licensable activity, nor is the removal of the Made Ground from site.

Most higher-risk work with asbestos must only be done by a licensed contractor. Licensable work with asbestos is work defined by the Health and Safety Executive as:

- where worker exposure to asbestos is not sporadic and of low intensity; or
- where the risk assessment cannot clearly demonstrate that the control limit will not be exceeded i.e. 0.1 asbestos fibres per cubic centimetre of air ( $0.1 \text{ f/cm}^3$ ) (averaged over a four hour period); or
- on asbestos coating; or
- on asbestos insulation or asbestos insulating board where the risk assessment demonstrates that the work is not short duration work, e.g. when work with these materials will take no more than two hours in any seven day period, and no one person works for more than one hour in that two hour period.

As identified earlier in this document general earthworks onsite are not considered to be licensable and hence not an asbestos designated area or a respirator zone. As such, the Health and Safety Executive will not require notification of the work before it begins. The employer should, however, ensure that all workers on the site have received site specific asbestos training/briefing.

Stripping of asbestos, if present, from the former buildings is likely to be a licensable activity as above. The consultant carrying out the asbestos survey prior to demolition should be asked to advise on this on the basis of the nature of the asbestos present (e.g. fibrous compared with ACM ceiling tiles).

A handpicking exercise to remove visible ACMs within the Made Ground and shallow soils on site, may be licensable subject to the type of materials and length of time required to complete the works. Confirmation should be obtained of this as part of the quote obtained for undertaking these works.

All work is to be carried out in external areas. Therefore, it is unlikely that the “control limit” will be exceeded. The work that could potentially release fibres is excavation and placement of the Made Ground, with this work being of a limited duration. Therefore, normal earthworks PPE should be sufficient. RPE should not be required, however the use of a type P3 disposable respirator by workers would be good practice. See:

<http://www.hse.gov.uk/pubns/guidance/em6.pdf>

Any stockpiling of Made Ground should be kept to a minimum and any stockpile should be covered immediately with clean soil or sheeting that is adequately anchored so it is not blown off to prevent the spread of asbestos fibres.

Services should be laid in the clean capping layer wherever possible. Backfill should be with clean gravel or similar. Trenches in Made Ground should be closed over as quickly as possible. Where man entry is necessary then the contractor should carry out their own risk assessment, the control measures are likely to include the wearing of hooded disposable one piece suits with elasticated apertures, disposable respirator (Type P3) and non-laced foot wear.

Personal exposure monitoring for workers should be carried out to confirm fibre concentrations in the air, analysis should be carried out by an UKAS accredited laboratory for fibres and the analyst should have successfully completed P403: "Asbestos Fibre Counting (PCM)". In addition, there may still be circumstances where samples need to be taken, for instance where quantities of ACM's are discovered, previously not identified. Bulk analysis should be carried out by an UKAS accredited laboratory and the analyst should have successfully completed P401: "Identification of Asbestos in Bulk Samples (PLM)".

Dust suppression and management techniques should include:

- Only working on manageable small areas during each working day.
- Management of dust levels via careful excavation and deposit.
- Use of aqueous direct suppression methods using sprayed water or water/PVA mixtures, if deemed necessary at the time.

Proof of control should be demonstrated by workers wearing personal monitoring equipment (a single test each day should be sufficient as long as the excavation area is limited as above).

In addition to this "reassurance" air testing should be carried out along the site boundaries. This should be carried out at two locations per day and at the same time as the personal monitors are worn by workers. At least one round of this particular type of monitoring should be carried out before excavation works commence in order to identify "baseline" and the ideal sampling interval. It is suggested this is done on a dry day. The air monitoring shall have a minimum limit of detection of 0.001f/ml and be undertaken in accordance with the protocols contained within CIRIA C733 "Asbestos in soil and made ground: a guide to understanding and managing risks"

Management data should include a plan and records of daily excavations, use of suppression techniques and personal and reassurance air testing results will need to be included in a management report at the end of the project.

It is recommended that a groundworks contractor with appropriate experience and prepared procedures that can be reviewed by the client prior to the further works on site, are used at the site.

It is recommended that the Environment Health Department of the Local Authority are consulted to confirm they are content with the proposed clean capping approach and the risk mitigation measures discussed above.

The H&S file for the site should document the presence of asbestos.

### **6.1 Re-use of on-site Material and Importation of Clean Capping Material**

The Environment Agency classifies excavated contaminated soils as waste. As such its reuse on the site has to be carried out under an Environmental Permit or waste exemption. That is unless the reuse is carried out under the Definition of Waste: Development Industry Code of Practice (CL:AIRE 2011) where it can be demonstrated that there is a need or requirement for use, that the risk is acceptable, the quantities for reuse are no more than required and the use is guaranteed. It is recommended that the reuse of excavated material will be undertaken via the Site of Origin scenario where Made Ground is excavated and reused. A

number of sites with asbestos contamination have been successfully remediated via this route.

In addition, the Environment Agency classifies clean soil as waste upon leaving the site of excavation i.e. where it is surplus to requirements at that site. Hence the reuse of imported clean soil needs to be carried out under an Environmental Permit or exemption. That is unless the material is used under the Definition of Waste: Development Industry Code of Practice. It is recommended that such material is brought to the site and reused under the Direct Transfer scenario. Both the Direct Transfer and Site of Origin reuses need to be covered by one Materials Management Plan, but subject to two separate Declarations completed by a registered independent Qualified Person.

If Made Ground is to be removed from site it will be classified as waste and will need to be taken to an appropriately authorised facility. Once materials for disposal have been identified further WAC and asbestos testing should be undertaken to classify the material for the purpose of disposal. Materials containing asbestos would only be classified as Hazardous where the concentration of asbestos within a sample of ACM material is less than 0.1% the material. In terms of the percentage total asbestos identified in the soils these have been shown to be at a level of between <0.001% and 25%, and therefore it is likely that some Made Ground material will need to be disposed of as hazardous waste, in addition visually evident ACM removed (handpicked) from the soil would also need to be disposed of as Hazardous waste.



## Figures





|                 |                                   |                  |              |                                                                                                                                                                                                                                                                                                                                                                     |                    |  |
|-----------------|-----------------------------------|------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|
| <b>Project:</b> | Woodcroft Farm, Lovedean, PO8 9QA |                  |              | <b>Title</b>                                                                                                                                                                                                                                                                                                                                                        | Site Location Plan |  |
| <b>Client:</b>  | Vistry Homes Southern             |                  |              | <div><div><div>Geo-Environmental Services Ltd</div><div>Unit 7 Danworth Farm, Cuckfield Road</div><div>Hurstpierpoint, West Sussex BN6 9GL</div><div>+44(0)1273 832972 <a href="http://www.gesl.net">www.gesl.net</a></div></div><div><div>Geo-Environmental</div></div></div> |                    |  |
| <b>Ref No:</b>  | GE18761                           | <b>Revision:</b> | 0            |                                                                                                                                                                                                                                                                                                                                                                     |                    |  |
| <b>Drawn:</b>   | FG                                | <b>Date:</b>     | 11/05/2018   |                                                                                                                                                                                                                                                                                                                                                                     |                    |  |
| <b>Figure:</b>  | 1                                 | <b>Scale:</b>    | Not To Scale |                                                                                                                                                                                                                                                                                                                                                                     |                    |  |



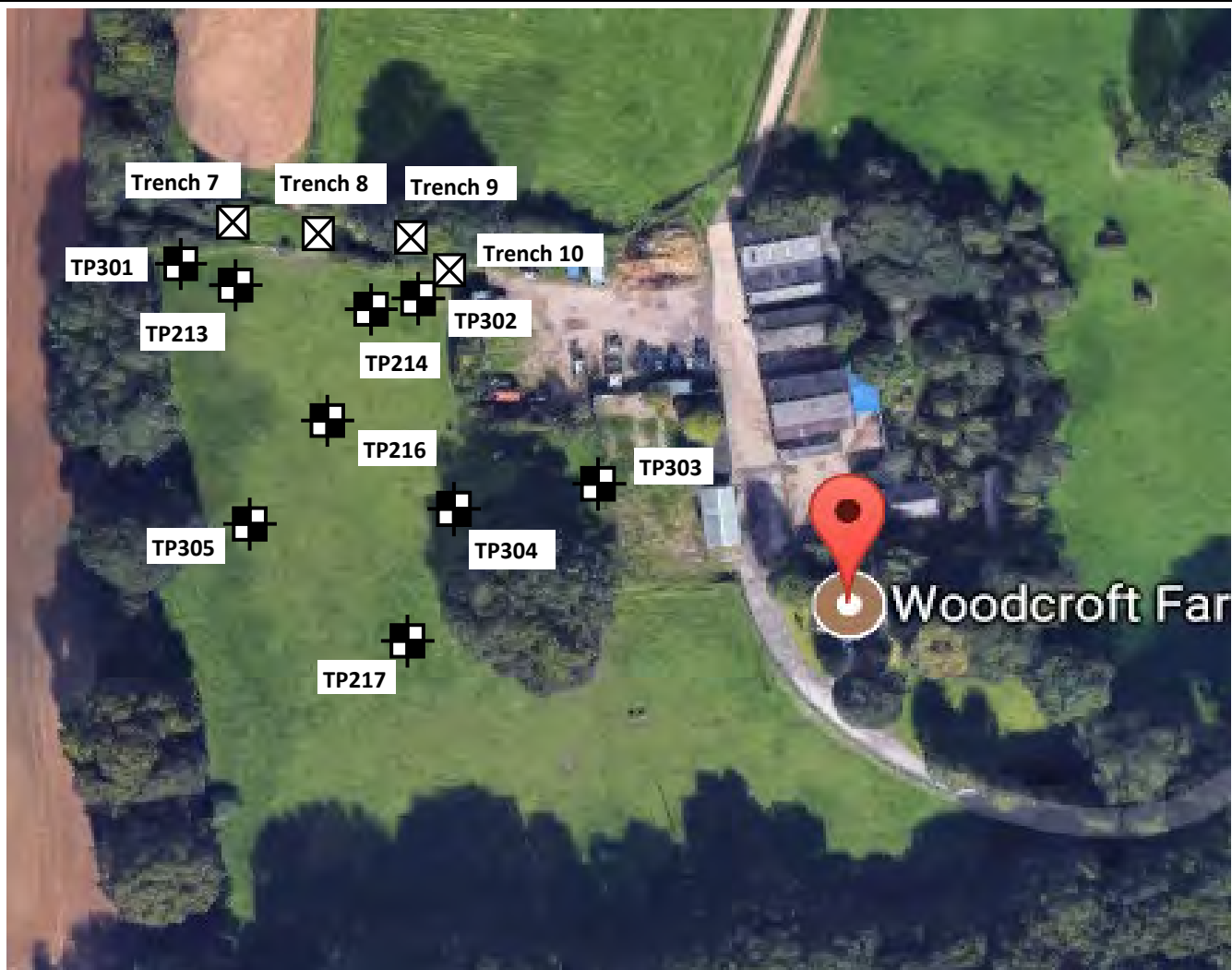
|                 |                                   |                  |              |                                                                                                                                                                                                                                                                                                                                           |                           |  |
|-----------------|-----------------------------------|------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--|
| <b>Project:</b> | Woodcroft Farm, Lovedean, PO8 9QA |                  |              | <b>Title</b>                                                                                                                                                                                                                                                                                                                              | Location of Farmyard Area |  |
| <b>Client:</b>  | Vistry Homes Southern             |                  |              | <div><br/><b>Geo-Environmental</b></div> <p><b>Geo-Environmental Services Ltd</b></p> <p>Unit 7 Danworth Farm, Cuckfield Road</p> <p>Hurstpierpoint, West Sussex BN6 9GL</p> <p>+44(0)1273 832972 <a href="http://www.gesl.net">www.gesl.net</a></p> |                           |  |
| <b>Ref No:</b>  | GE18761                           | <b>Revision:</b> | 0            |                                                                                                                                                                                                                                                                                                                                           |                           |  |
| <b>Drawn:</b>   | FG                                | <b>Date:</b>     | 25/06/2018   |                                                                                                                                                                                                                                                                                                                                           |                           |  |
| <b>Figure:</b>  | 2                                 | <b>Scale:</b>    | Not To Scale |                                                                                                                                                                                                                                                                                                                                           |                           |  |



|                 |                                   |                  |              |                                                                                                                                                                                                                                                                                                                                                                     |                                                |  |  |
|-----------------|-----------------------------------|------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--|--|
| <b>Project:</b> | Woodcroft Farm, Lovedean, PO8 9QA |                  |              | <b>Title</b>                                                                                                                                                                                                                                                                                                                                                        | Location of Former Chalk Pit and Landfill Area |  |  |
| <b>Client:</b>  | Vistry Homes Southern             |                  |              | <div><div><div>Geo-Environmental Services Ltd</div><div>Unit 7 Danworth Farm, Cuckfield Road</div><div>Hurstpierpoint, West Sussex BN6 9GL</div><div>+44(0)1273 832972 <a href="http://www.gesl.net">www.gesl.net</a></div></div><div><div>Geo-Environmental</div></div></div> |                                                |  |  |
| <b>Ref No:</b>  | GE18761                           | <b>Revision:</b> | 0            |                                                                                                                                                                                                                                                                                                                                                                     |                                                |  |  |
| <b>Drawn:</b>   | FG                                | <b>Date:</b>     | 25/06/2018   |                                                                                                                                                                                                                                                                                                                                                                     |                                                |  |  |
| <b>Figure:</b>  | 3                                 | <b>Scale:</b>    | Not To Scale |                                                                                                                                                                                                                                                                                                                                                                     |                                                |  |  |



|                                                   |                            |                                                                                                                                                                    |  |
|---------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Project:</b> Woodcroft Farm, Lovedean, PO8 9QA |                            | <b>Title</b> Exploratory Hole Locations - Farmyard Area                                                                                                            |  |
| <b>Client:</b> Vistry Homes Southern              |                            | <b>Geo-Environmental Services Ltd</b><br><br>Unit 7 Danworth Farm, Cuckfield Road<br><br>Hurstpierpoint, West Sussex BN6 9GL<br><br>+44(0)1273 832972 www.gesl.net |  |
| <b>Ref No:</b> GE18761                            | <b>Revision:</b> 0         |                                                                                                                                                                    |  |
| <b>Drawn:</b> FG                                  | <b>Date:</b> 11/05/2018    |                                                                                                                                                                    |  |
| <b>Figure:</b> 4                                  | <b>Scale:</b> Not To Scale |                                                                                                                                                                    |  |
|                                                   |                            | <br><b>Geo-Environmental</b>                                                  |  |



|                 |         |                                   |              |                                                                                                                                                                                                      |                                                                     |                                                                                                                       |
|-----------------|---------|-----------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Project:</b> |         | Woodcroft Farm, Lovedean, PO8 9QA |              | <b>Title</b>                                                                                                                                                                                         | Exploratory Hole Locations - Trial Pit and Trenches - Landfill Area |                                                                                                                       |
| <b>Client:</b>  |         | Vistry Homes Southern             |              | <b>Geo-Environmental Services Ltd</b><br><br>Unit 7 Danworth Farm, Cuckfield Road<br><br>Hurstpierpoint, West Sussex BN6 9GL<br><br>+44(0)1273 832972 <a href="http://www.gesl.net">www.gesl.net</a> |                                                                     | <br><br><b>Geo-Environmental</b> |
| <b>Ref No:</b>  | GE18761 | <b>Revision:</b>                  | 0            |                                                                                                                                                                                                      |                                                                     |                                                                                                                       |
| <b>Drawn:</b>   | FG      | <b>Date:</b>                      | 22/06/2018   |                                                                                                                                                                                                      |                                                                     |                                                                                                                       |
| <b>Figure:</b>  | 5       | <b>Scale:</b>                     | Not To Scale |                                                                                                                                                                                                      |                                                                     |                                                                                                                       |



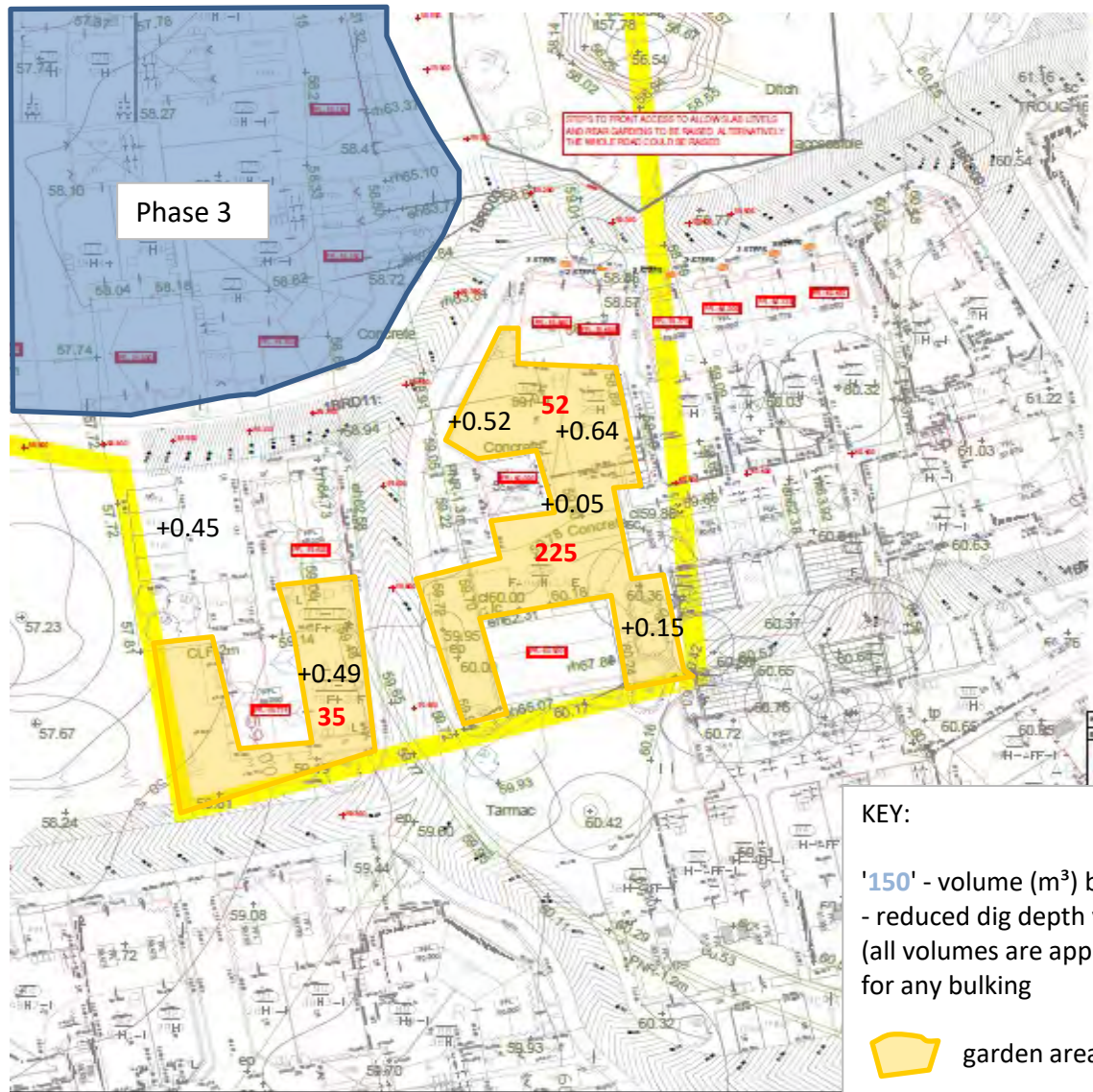
|                 |                                   |                  |              |                                                                                                                                                                    |                                                                  |                                                                                                                   |  |
|-----------------|-----------------------------------|------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--|
| <b>Project:</b> | Woodcroft Farm, Lovedean, PO8 9QA |                  |              | <b>Title</b>                                                                                                                                                       | Extent of Made Ground - Window Sampler Boreholes - Landfill Area |                                                                                                                   |  |
| <b>Client:</b>  | Vistry Homes Southern             |                  |              | <b>Geo-Environmental Services Ltd</b><br><br>Unit 7 Danworth Farm, Cuckfield Road<br><br>Hurstpierpoint, West Sussex BN6 9GL<br><br>+44(0)1273 832972 www.gesl.net |                                                                  | <br><b>Geo-Environmental</b> |  |
| <b>Ref No:</b>  | GE18761                           | <b>Revision:</b> | 0            |                                                                                                                                                                    |                                                                  |                                                                                                                   |  |
| <b>Drawn:</b>   | FG                                | <b>Date:</b>     | 22/06/2018   |                                                                                                                                                                    |                                                                  |                                                                                                                   |  |
| <b>Figure:</b>  | 6                                 | <b>Scale:</b>    | Not To Scale |                                                                                                                                                                    |                                                                  |                                                                                                                   |  |



|                 |                                   |                  |              |                                                                                                                                                                                                                                                                                                                                                                     |                                                |  |
|-----------------|-----------------------------------|------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--|
| <b>Project:</b> | Woodcroft Farm, Lovedean, PO8 9QA |                  |              | <b>Title</b>                                                                                                                                                                                                                                                                                                                                                        | Soil Contamination Exceedances - Farmyard Area |  |
| <b>Client:</b>  | Vistry Homes Southern             |                  |              | <div><div><div>Geo-Environmental Services Ltd</div><div>Unit 7 Danworth Farm, Cuckfield Road</div><div>Hurstpierpoint, West Sussex BN6 9GL</div><div>+44(0)1273 832972 <a href="http://www.gesl.net">www.gesl.net</a></div></div><div><div>Geo-Environmental</div></div></div> |                                                |  |
| <b>Ref No:</b>  | GE18761                           | <b>Revision:</b> | 0            |                                                                                                                                                                                                                                                                                                                                                                     |                                                |  |
| <b>Drawn:</b>   | FG                                | <b>Date:</b>     | 11/05/2018   |                                                                                                                                                                                                                                                                                                                                                                     |                                                |  |
| <b>Figure:</b>  | 7                                 | <b>Scale:</b>    | Not To Scale |                                                                                                                                                                                                                                                                                                                                                                     |                                                |  |



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|-----------------|-----------------------------------|------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Project:</b> | Woodcroft Farm, Lovedean, PO8 9QA |                  |              | <b>Title</b>                                                                                                                                                                                         | Soil Contamination Exceedances - Landfill Area |                                                                                                                       |
| <b>Client:</b>  | Vistry Homes Southern             |                  |              | <b>Geo-Environmental Services Ltd</b><br><br>Unit 7 Danworth Farm, Cuckfield Road<br><br>Hurstpierpoint, West Sussex BN6 9GL<br><br>+44(0)1273 832972 <a href="http://www.gesl.net">www.gesl.net</a> |                                                | <br><br><b>Geo-Environmental</b> |
| <b>Ref No:</b>  | GE18761                           | <b>Revision:</b> | 0            |                                                                                                                                                                                                      |                                                |                                                                                                                       |
| <b>Drawn:</b>   | FG                                | <b>Date:</b>     | 25/06/2018   |                                                                                                                                                                                                      |                                                |                                                                                                                       |
| <b>Figure:</b>  | 8                                 | <b>Scale:</b>    | Not To Scale |                                                                                                                                                                                                      |                                                |                                                                                                                       |



**KEY:**

'150' - volume (m<sup>3</sup>) below soil cover system '150'  
 - reduced dig depth volume (m<sup>3</sup>)  
 (all volumes are approximate and do not account for any bulking)

 garden areas requiring reduced dig

|                 |                                 |                  |              |                                                                                                                                                                                                                                                                                                                                                           |                                                       |  |
|-----------------|---------------------------------|------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--|
| <b>Project:</b> | Woodcroft Farm Lovedean PO8 9QA |                  |              | <b>Title</b>                                                                                                                                                                                                                                                                                                                                              | Remediation Strategy Plan - Phase 2B Farmyard Volumes |  |
| <b>Client:</b>  | Vistry Homes Southern           |                  |              | <div><b>Geo-Environmental Services Ltd</b></div> <div>Unit 7 Danworth Farm, Cuckfield Road</div> <div>Hurstpierpoint, West Sussex BN6 9GL</div> <div>+44(0)1273 832972 <a href="http://www.gesl.net">www.gesl.net</a></div> <div><br/><b>Geo-Environmental</b></div> |                                                       |  |
| <b>Ref No:</b>  | GE18761                         | <b>Revision:</b> | 0            |                                                                                                                                                                                                                                                                                                                                                           |                                                       |  |
| <b>Drawn:</b>   | FG                              | <b>Date:</b>     | 21/08/2020   |                                                                                                                                                                                                                                                                                                                                                           |                                                       |  |
| <b>Figure:</b>  | 9                               | <b>Scale:</b>    | Not To Scale |                                                                                                                                                                                                                                                                                                                                                           |                                                       |  |

## **APPENDIX A**

### **CAR-SOIL2012 Decision Support Tool**



|                   |                                  |
|-------------------|----------------------------------|
| Project Reference | GE18761                          |
| Site Name         | Woodcroft Farm (Phases 2B and 3) |
| Client            | Vistry Homes Southern            |
| Run by            | FG                               |
| Date              | 28-Aug-20                        |
| Scenario details  |                                  |

Decision Support Tool for CAR2012 Work Categories

Stage 1

Hazard Factors

Select ACM type (run model for each type to generate 'Worst Case' output)

Extent of degradation of ACMs at outset of work

Friability and degree of bonding by matrix (ACM matrix, not ground materials)

Distribution of Visible Asbestos Across Affected Area

Amount of asbestos fibre in selected ACM/fibre type as % of host material

|                                                                                                                           |   |
|---------------------------------------------------------------------------------------------------------------------------|---|
| Loose fibrous asbestos debris                                                                                             | 3 |
| Disaggregated (dominated by loose fibrous material; extreme degradation in ACM and/or free asbestos fibres/fibre bundles) | 4 |
| Friable ACM or ACM with fibres not firmly linked in a matrix                                                              | 2 |
| Occasional/random occurrences of visible contamination by ACMs                                                            | 1 |
| Trace quantities - <0.0001 to 0.001 %wt/wt                                                                                | 0 |

Sub-total

0

Note: the asbestos licensing regime is unaffected by the type of asbestos fibre present in ACMs

Hazard ranking

Negligible

No warranty, expressed or implied, or reliance, is provided in relation to the use of this tool.  
It is contingent on users to satisfy themselves that the output from the tool is relevant and appropriate to the assessment being made.

Stage 2

Exposure Factors

Anticipated airborne fibre concentration - Control Limit or SALI?

Anticipated duration of exposure to asbestos

Activity type and effect on deterioration of ACMs during work

Best description of primary host material matrix (soil/made ground)

Respirable fibre index for ACM - RIVM report 711701034 (2003)

|                                                                       |   |
|-----------------------------------------------------------------------|---|
| <0.001 fibres/ml                                                      | 0 |
| < 1 hour for any one person in any week (e.g. Short Duration Work)    | 1 |
| Sampling, manual or mechanical (no or minimal deterioration expected) | 0 |
| Fine Silt and/or Clay                                                 | 1 |
| Medium                                                                | 3 |

Sub-total

5

Exposure ranking

Very low

Combined hazard and exposure ranking

5

Very Low

Stage 3

Risk Assessment Outputs

Probable Licensing Status

RPE\*

Dust Suppression\*\*

Hygiene/Decontamination\*\*\*

|                  |
|------------------|
| CAR do not apply |
| None             |
| None             |
| None             |

\*Where RPE has to be worn continuously for long periods (e.g. more than 1-hour), then powered RPE may be necessary.

\*\*Reduction in control measures possible if natural mitigation factors are present (e.g. raining, wet ground)

\*\*\*Guide only; suitability of selected personal hygiene measures may be reviewed on a site/contamination-specific basis



## APPENDIX B



# Validation Report Removal of Asbestos Impacted Soils

Area D

Woodcroft Farm, Lovedean



**STATOM GROUP**  
REMEDIATION • GROUNDWORKS • STRUCTURES



## DOCUMENT CONTROL SHEET

| Report Ref                       | Revision No | Status     | Notes | Date       |
|----------------------------------|-------------|------------|-------|------------|
| EW90_Validation<br>Report_Area D | 00          | For Review |       | 29/04/2021 |

| Prepared by                              | Reviewed by                                               |
|------------------------------------------|-----------------------------------------------------------|
| Michael Gillman<br>Environmental Manager | Sean Deloughery<br>Head of Environmental &<br>Remediation |
| Michael.gillman@statom.co.uk             | Sean.deloughery@statom.co.uk                              |



|          |                                              |          |
|----------|----------------------------------------------|----------|
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| 1.1      | Objectives.....                              | 5        |
| 1.2      | Background.....                              | 5        |
| 1.3      | Method Statements and Risk Assessments ..... | 6        |
| <b>2</b> | <b>Remediation Works Undertaken .....</b>    | <b>6</b> |
| 2.1      | Summary of Remediation Works .....           | 6        |
| 2.2      | Summary of Control Measures .....            | 6        |
| 2.3      | Set up.....                                  | 7        |
| 2.4      | Excavation of Materials .....                | 7        |
| 2.5      | Material Disposal.....                       | 7        |
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**APPENDIX A**    **Figures**

**APPENDIX B**    **Photographs**

**APPENDIX C**    **Soil Validation Results**

**APPENDIX D**    **Compliance Documentation/RAMS**

**APPENDIX E**    **Disposal Log and tickets**

**APPENDIX F**    **Air Monitoring Results**

**APPENDIX G**    **Geo-Environmental Asbestos Management Plan (GE18761-AMP-AUG20)**



## EXECUTIVE SUMMARY

This report presents a factual record of remedial and validation works carried out for asbestos impacted soils at the new proposed residential development at Woodcroft Lane, Lovedean, Hampshire, PO8 9QA. This document sets out how the contaminated soils were identified, dealt with and excavations validated before being handed over. Only Area D which are within the old footprint of the former Woodcroft Farm are covered within this report. All over areas are covered under a separate reports.

Area D was remediated between 7th to the 9th<sup>th</sup> of April 2021. Within Area D a localised area of asbestos impacted material was visually identified during the excavation of one of the plot footings. This material was chased out to natural ground removing any visual asbestos fragments. Once this material had been removed validation samples were taken across the full extent of the area to provide evidence that the area had been remediated and that all contamination had been successfully removed. Trial holes were completed within the other rear gardens of Area D and composite samples were taken to detect for asbestos fibres/fragments.

This factual report in to be read in conjunction with the Geo-environmental Services Asbestos Management Plan (GE18761-AMP-AUG20, August 2018) Appendix G.



## **1 Introduction**

Statom Group Ltd (hereafter referred to as Statom) were appointed by Vistry Homes (Southern) to carry out the removal of asbestos impacted soils at the proposed residential development at Woodcroft Lane, Lovedean, PO8 9QA.

Soil impacted with asbestos fragments/fibres were identified by a site investigation completed by Geo-environmental Services Ltd in several locations around the site, in particular the vicinity of the former Woodcroft Farm. This part of the site has been split into Areas B, C and D for validation purposes. This report provides a factual record works completed by Statom for Area D. Remedial works completed in Areas B & C are provided in a separate report.

The proposed development comprises a development of up to 288No. homes with a new access road from Eagle Avenue, internal access roads, associated car parking, open space, and landscaping (private gardens and communal).

A site location plan and area breakdown plan are presented as Figure 1 in Appendix A.

### **1.1 Objectives**

The objective of the remediation and validation works were to:

- Undertake works required to implement the approved Asbestos Management Plan produced by Geo-environmental (GE18761-AMP-AUG20).
- Undertake all required remediation validation actions (Excavation, off site disposal, environmental monitoring and sampling)
- Undertake all works in accordance with relevant statutory and local guidance as appropriate.
- Provide a completion and validation report.

### **1.2 Background**

The presence of asbestos has been identified on the site within the former farmyard area, both as ACMs and as loose fibres within the soil. Chrysotile was positively identified in six locations on site, three within the farmyard area and three within the chalk pit area. The locations within the farmyard area included TP225 at 0.25m bgl (August 2017), TP239 at 0.50m bgl (August 2017) and TP315 at 0.20m bgl (May 2018). sporadic ACM's were observed within the surface soils across the farmyard area. A site investigation plan can be found within Appendix A. Due to the presence of the asbestos Vistry Homes appointed Geo-environmental to produce an Asbestos Management Plan (AMP) which details the methods and best practices for the management of the asbestos on site (GE18761 - AMP - AUG20).

### 1.3 Method Statements and Risk Assessments

The approved method statements and risk assessments relied on herein are identified in Table 1 below:

| <b>Table 1. Method Statements &amp; Risk Assessments</b> |                                                                                |             |
|----------------------------------------------------------|--------------------------------------------------------------------------------|-------------|
| <b>No.</b>                                               | <b>Report</b>                                                                  | <b>Date</b> |
| 01                                                       | EW90 Lovedean Phase II RAMS 008 – Asbestos soils Excavate and Disposal<br>Rev1 | 04.02.21    |

## 2 Remediation Works Undertaken

### 2.1 Summary of Remediation Works

- 1) Set out excavation area using GPS equipment
- 2) Prepare the area for excavation
- 3) Heras fencing erected around excavation area with appropriate warning signage
- 4) Careful excavation of made ground materials in 100mm layers to remove contaminated materials.
- 5) Excavated material loaded into 8 wheel tipper lorries for off disposal to a licenced soils treatment facility.
- 6) Asbestos watching brief carried out during and following the excavation works to identify any asbestos fragments.
- 7) Reassurance air monitoring carried out to check for the presence of airborne asbestos fibres in and around the working area
- 8) Chemical samples taken from the base of the excavation to validate the area free of asbestos fragment and/or fibre.
- 9) Provide validation report including record of works, compliance documentation and testing results

### 2.2 Summary of Control Measures

- 1) Site team were provided with the risk assessment and method statements to read and sign for the works.
- 2) Site team were briefed on the required tasks and how to carry out the work safely
- 3) Contamination area established and secured using heras fencing and appropriate signage to prevent personnel and plant not involved with the works entering the area and cross contaminating or putting themselves at risk.
- 4) Dust suppression used to dampen down exposed areas of dry made ground to prevent any asbestos fibres from becoming airborne.
- 5) Full PPE, RPE and disposable overalls provided to site team working in the immediate area.
- 6) Reassurance air monitoring carried out to monitor for airborne asbestos fibres.
- 7) Loaded vehicles leaving the site and using the public highways were covered over to prevent fibre release.

## 2.3 Set up

The extent of areas D was marked out on site by an engineer using GPS equipment. All operatives/staff involved in the excavation of the contaminated soils read and signed the relevant RAMS for this part of the works (EW90 Lovedean Phase II RAMS 008 – Asbestos soils Excavate and Disposal Rev1. Area D remediation was started on the 7th April 2021 and completed by the 9th April. Real time reassurance air monitoring for airborne asbestos fibres was carried out for each day of the works.

Disposal overalls and face masks were provided for the site team. A jet wash and bowser was set up within the fenced area to be able to dampen down exposed dry made ground to prevent any potential asbestos fibres from becoming airborne.

## 2.4 Excavation of Materials

The Trained Asbestos operative observed from a safe distance to scan the material as it was excavated. If he identified any potential visible asbestos containing materials, he liaised with the site supervisor and signalled the driver to stop. When inspecting the debris pile clear communication with the plant operative was maintained.

Excavations commenced in Area D on the 7th of February using the 360 excavator following a permit to dig being produced. An area of asbestos impacted soils was identified during the pile mat dig in the area of plots 127 and 128. Figure 4 in appendix A shows the marked location of the asbestos area. Impacted soils in this area were carefully excavated in 100mm layers using a grading bucket across the area until all visible asbestos fragments had been removed and natural ground exposed. Soils were dampened down using a jet wash and bowser to prevent asbestos fibre release into the air. Both the sides and the base of the excavation was visually inspected by a competent asbestos trained supervisor. Trial pits were completed in Area D to ensure that the full extent of the asbestos had been removed from the surrounding rear gardens. Samples were taken from each trial pit along with a visual fragment check. This was to gain a better understanding of the extent of the asbestos hotspot.

## 2.5 Material Disposal

Disposal of asbestos impacted soils commenced in Area D on the 7th April and finished on the 9th of April 2021. A total of 15 eight wheel tipper lorry loads were taken out of Lovedean over the 3 days. The haulier transporting the material was Clwyd Transport. A copy of their waste carriers licence can be found within Appendix D. For each load that left the site a waste transfer ticket was completed along with a hazardous waste consignment note. Copies of these tickets can be found within Appendix E. Table 1 below provides a summary of the loads removed from site. A more complete log can be found within Appendix E.

| <b>Table 1 Summary of Material Disposal</b> |             |                        |                 |
|---------------------------------------------|-------------|------------------------|-----------------|
| <b>Date</b>                                 | <b>Area</b> | <b>Number of loads</b> | <b>Haulier</b>  |
| 07/04/2021                                  | Area D      | 6                      | Clwyd Transport |
| 08/04/2021                                  | Area D      | 7                      | Clwyd Transport |
| 09/02/2021                                  | Area D      | 2                      | Clwyd Transport |

The material was transported to Dunton Technologies waste treatment facility in Horsley fields, Wolverhampton. Horsley Fields is licenced to accept and treat hazardous soils impacted with asbestos fragments preventing the need for unsustainable landfill. Horsley Fields permit can be found within Appendix D.

## 2.6 Validation Sampling and Results

Following the removal of the contaminated soils validation samples were taken from the base of the excavations. The samples were collected by a competent geo-environmental engineer using 1x 500mg glass jar and 1kg plastic tub per sample. Samples were stored within a cool box and dispatched via courier to a UKAS accredited laboratory for testing 11 samples were taken from Area D on the 8<sup>th</sup> April 2021 and were tested for asbestos identification. No asbestos fibres were identified within any of the samples. A sample location plan for Area D can be found within Appendix A.

| <b>Table 2 Summary of Validation Samples</b> |                  |             |               |                      |
|----------------------------------------------|------------------|-------------|---------------|----------------------|
| <b>Date Sampled</b>                          | <b>Sample ID</b> | <b>Area</b> | <b>Result</b> | <b>Report Number</b> |
| 08/04/2021                                   | Sample 1         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 2         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 3         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 4         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 5         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 6         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 7         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 8         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 9         | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 10        | Area D      | Not detected  | 21-33183             |
| 08/04/2021                                   | Sample 11        | Area D      | Not detected  | 21-33183             |

## 2.7 Reassurance Air Monitoring

Reassurance air monitoring was carried out every day of the contaminated soils removal works by HFS Environmental and Lucion. Personal monitors were also fitted to the works supervisor to monitor exposure levels. Sampling and Testing was carried out in accordance with current legislation and guidance as detailed in the analysts guide HSG248 and company in-house Technical Procedures. Air testing was carried out and the samples analysed under a microscope for fibre inspection. A calculation was used to measure the airborne fibre levels (all respirable fibres were counted, not just asbestiform). The results of the air monitoring can be found within certificates Appendix F. None of the tests identified asbestos fibres within the environment.



### **3 Summary**

The remediation works undertaken by Statom have successfully mitigated previously identified risks associated with asbestos impacted soils associated with the former Woodcroft Farm site. By removing the contaminated soils in this area and sending this material to a soils treatment facility this has now further lowered the risk to the proposed residential development for the site.

#### **3.1 Summary of Works Completed by Statom**

- Careful excavation of asbestos impacted areas identified by Geo-Environmental Site Investigation;
- Segregation of waste materials;
- Validation sampling and visual inspections;
- Off site disposal of contaminated materials;
- Air monitoring for asbestos fibres



**STATOM GROUP**

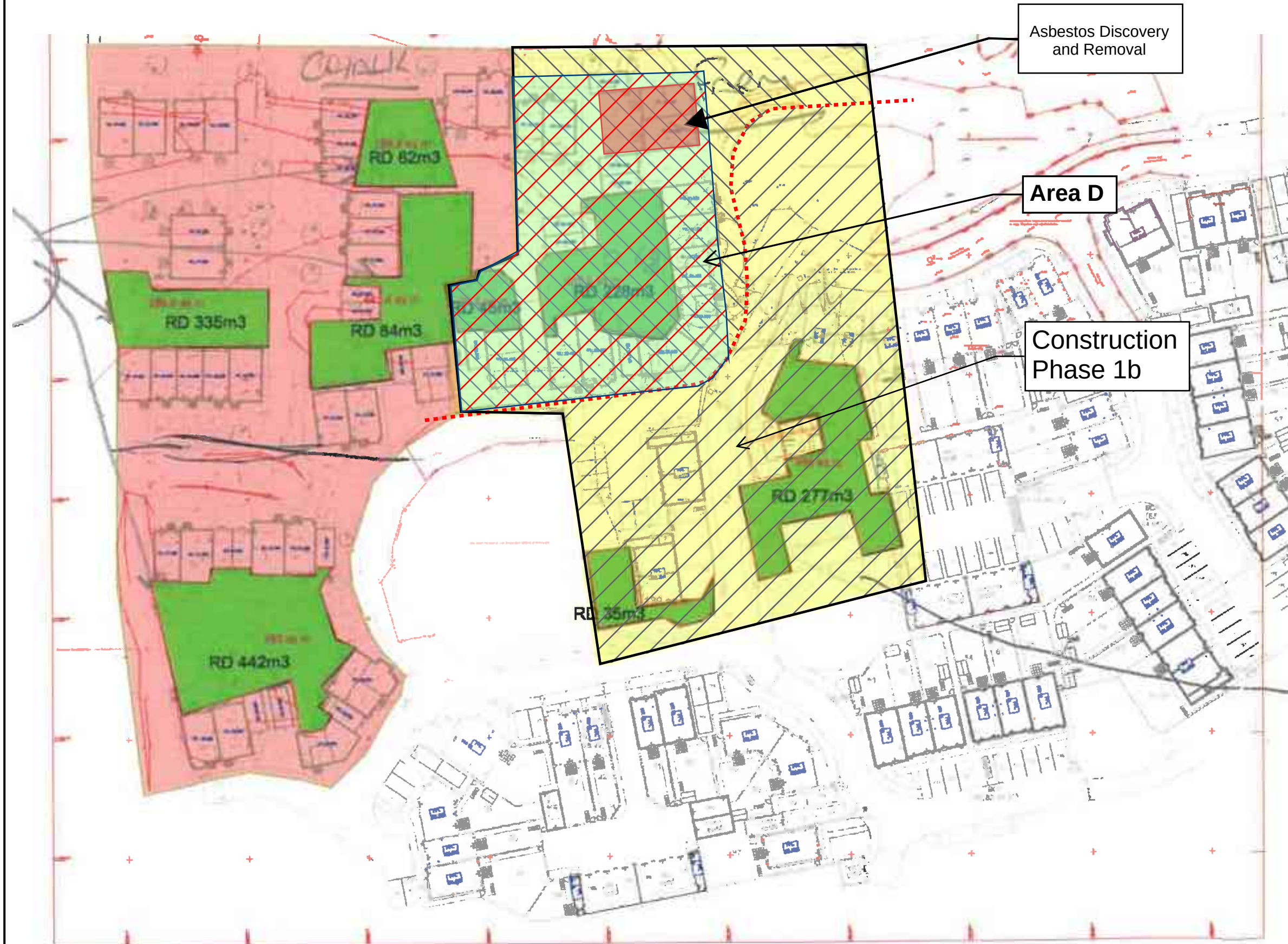
REMEDIATION • GROUNDWORKS • STRUCTURES

# **APPENDIX A**

## **Figures**







A0 200 PS OUTLINE

Phase Delineation

Asbestos Discovery  
and Removal

Area D

Construction  
Phase 1b

The Area Identified as 'Farmyard' has [presented asbestos fragments in a sporadic nature and requires targetted works.

This area fall into 2 separate construction phased as noted

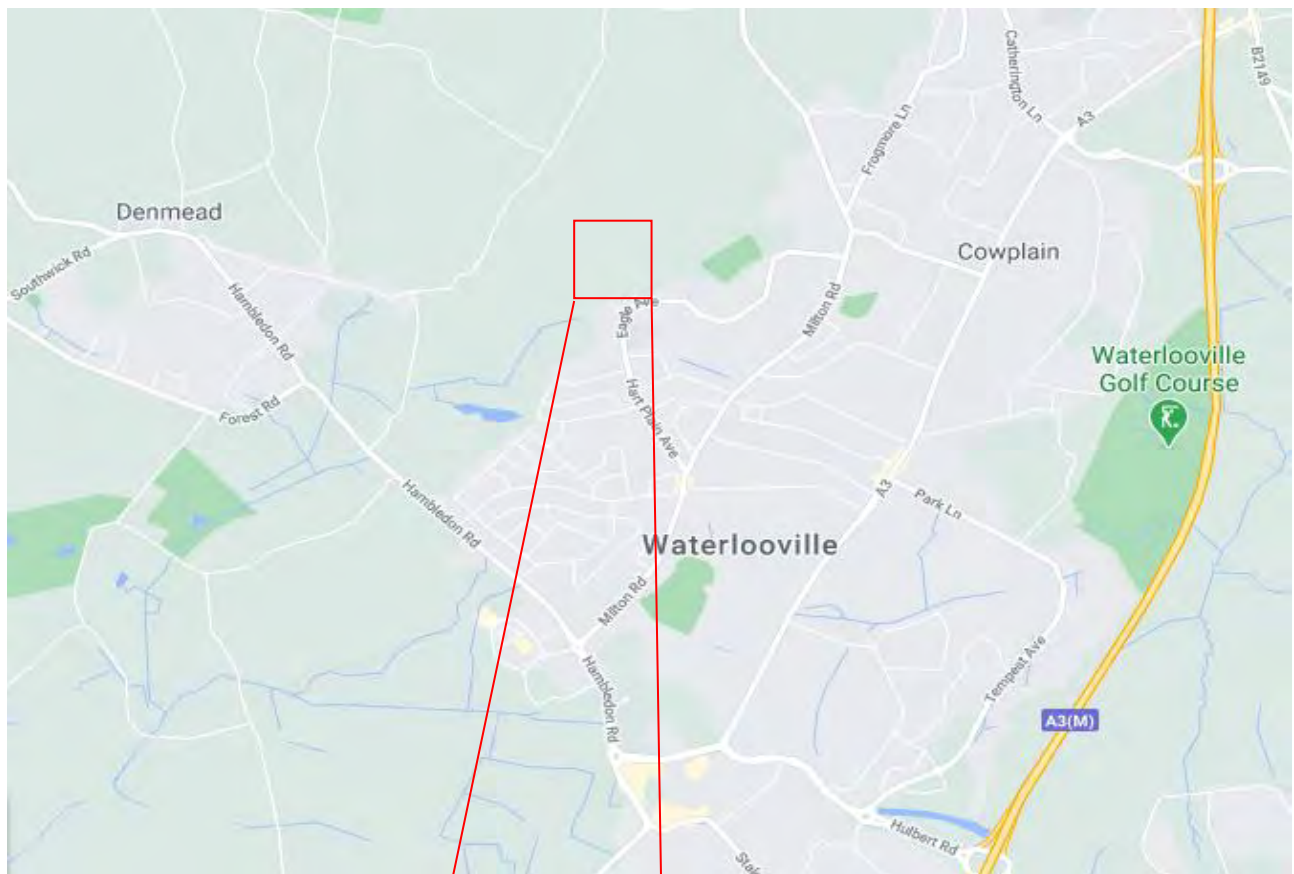
 Garden Excavaation  
for Clean Cap  
Installation

Project: Lovedean, Waterloooville

Title: Asbestos Works Record

Drawing No. EW90/MG001/Figure 4

|           |          |            |       |
|-----------|----------|------------|-------|
| Drawn By: | Date:    | Revisions: | Date: |
| MG        | 28.04.21 |            |       |



Project: Woodcroft Farm, Lovedean

Date: 19/03/2021

Author: M.Gillman

Title: Site Location  
Figure 1 Appendix A

Notes:

# **APPENDIX B**

## **Photographs**



Project: Woodcroft Farm, Lovedean

Title: Photo 1 & 2

Date:29.04.21

Author: M.Gillman

Description: Area D



Project: Woodcroft Farm, Lovedean

Title: Photo 3 & 4

Date: 29.04.21

Author: M. Gillman

Description: Area D





Project: Woodcroft Farm, Lovedean

Title: Photo 7 & 8

Date: 29.04.21

Author: M. Gillman

Description: Area D

# **APPENDIX C**

## **Chemical Results**



Unit A2  
Windmill Road  
Ponswood Industrial Estate  
St Leonards on Sea  
East Sussex  
TN38 9BY  
Telephone: (01424) 718618

[cs@elab-uk.co.uk](mailto:cs@elab-uk.co.uk)  
[info@elab-uk.co.uk](mailto:info@elab-uk.co.uk)

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## THE ENVIRONMENTAL LABORATORY LTD

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**Analytical Report Number:** 21-33183

**Issue:** 1

**Date of Issue:** 19/04/2021

**Contact:** Michael Gillman

**Customer Details:** Statom Group Ltd  
Victory Way  
Admirals Park  
Dartford  
DA2 6QD

**Quotation No:** Q21-02030

**Order No:** 00090 - 23450

**Customer Reference:** Not Supplied

**Date Received:** 12/04/2021

**Date Approved:** 19/04/2021

**Details:** Lovedean

**Approved by:**

Mike Varley, Technical Manager

---

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

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## Sample Summary

Report No.: 21-33183, issue number 1

| Elab No. | Client's Ref. | Date Sampled | Date Scheduled | Description | Deviations |
|----------|---------------|--------------|----------------|-------------|------------|
| 233531   | Area D S1     | 08/04/2021   | 13/04/2021     |             |            |
| 233532   | Area D S2     | 08/04/2021   | 13/04/2021     |             |            |
| 233533   | Area D S3     | 08/04/2021   | 13/04/2021     |             |            |
| 233534   | Area D S4     | 08/04/2021   | 13/04/2021     |             |            |
| 233535   | Area D S5     | 08/04/2021   | 13/04/2021     |             |            |
| 233536   | Area D S6     | 08/04/2021   | 13/04/2021     |             |            |
| 233537   | Area D S7     | 08/04/2021   | 13/04/2021     |             |            |
| 233538   | Area D S8     | 08/04/2021   | 13/04/2021     |             |            |
| 233539   | Area D S9     | 08/04/2021   | 13/04/2021     |             |            |
| 233540   | Area D S10    | 08/04/2021   | 13/04/2021     |             |            |
| 233541   | Area D S11    | 08/04/2021   | 13/04/2021     |             |            |



Unit A2, Windmill Road, Ponswood Industrial Estate, St Leonards on Sea, East Sussex, TN38 9BY  
Tel: +44 (0)1424 718618, Email: info@elab-uk.co.uk, Web: www.elab-uk.co.uk

## Results Summary

Report No.: 21-33183, issue number 1

### Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

| Elab No | Depth (m) | Clients Reference | Description of Sample Matrix # | Asbestos             | Gravimetric Analysis Total | Gravimetric Analysis by ACM Type | Free Fibre Analysis | Total Asbestos |
|---------|-----------|-------------------|--------------------------------|----------------------|----------------------------|----------------------------------|---------------------|----------------|
| 233531  |           | Area D S1         | Brown sandy soil with stones   | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233532  |           | Area D S2         | Brown sandy soil with stones   | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233533  |           | Area D S3         | Brown sandy soil with stones   | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233534  |           | Area D S4         | Brown sandy soil with stones   | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233535  |           | Area D S5         | Brown sandy soil with stones   | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233536  |           | Area D S6         | Brown sandy soil               | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233537  |           | Area D S7         | Brown sandy soil with stones   | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233538  |           | Area D S8         | Brown sandy soil with stones   | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233539  |           | Area D S9         | Brown sandy soil               | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233540  |           | Area D S10        | Brown sandy soil               | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 233541  |           | Area D S11        | Brown sandy soil with stones   | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |



## Method Summary

Report No.: 21-33183, issue number 1

| Parameter               | Codes | Analysis Undertaken<br>On | Date<br>Tested | Method<br>Number | Technique  |
|-------------------------|-------|---------------------------|----------------|------------------|------------|
| <b>Soil</b>             |       |                           |                |                  |            |
| Asbestos identification | U     | Air dried sample          | 19/04/2021     | 280              | Microscopy |

## Report Information

Report No.: 21-33183, issue number 1

### Key

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|     |                                                                             |
|-----|-----------------------------------------------------------------------------|
| U   | hold UKAS accreditation                                                     |
| M   | hold MCERTS and UKAS accreditation                                          |
| N   | do not currently hold UKAS accreditation                                    |
| ^   | MCERTS accreditation not applicable for sample matrix                       |
| *   | UKAS accreditation not applicable for sample matrix                         |
| S   | Subcontracted to approved laboratory UKAS Accredited for the test           |
| SM  | Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test    |
| NS  | Subcontracted to approved laboratory. UKAS accreditation is not applicable. |
| I/S | Insufficient Sample                                                         |
| U/S | Unsuitable sample                                                           |
| n/t | Not tested                                                                  |
| <   | means "less than"                                                           |
| >   | means "greater than"                                                        |

### LOD

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.

ELAB are unable to provide an interpretation or opinion on the content of this report.

The results relate only to the sample received.

PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

### Deviation Codes

- 
- |   |                                                          |
|---|----------------------------------------------------------|
| a | No date of sampling supplied                             |
| b | No time of sampling supplied (Waters Only)               |
| c | Sample not received in appropriate containers            |
| d | Sample not received in cooled condition                  |
| e | The container has been incorrectly filled                |
| f | Sample age exceeds stability time (sampling to receipt)  |
| g | Sample age exceeds stability time (sampling to analysis) |

Where a sample has a deviation code, the applicable test result may be invalid.

### Sample Retention and Disposal

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All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage

# **APPENDIX D**

## **Compliance**

### **Documentation / RAMS**

# Notice of variation and consolidation with introductory note

**The Environmental Permitting (England & Wales) Regulations 2016**

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Dunton Environmental Limited  
Horseley Field Waste Treatment Facility  
Lower Horseley Field  
Union Mill Street  
Wolverhampton  
WV1 3DW

**Variation application number**

EPR/BP3331DD/V004

**Permit number**

EPR/BP3331DD

# Horseley Field Waste Treatment Facility

## Permit number EPR/BP3331DD

### Introductory note

#### **This introductory note does not form a part of the notice**

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

The operator has applied in this variation to:

- Increase the asbestos storage capacity.
- Add 2 new Directly Associated Activities (DAA's) to the asbestos picking operation – namely, the screening of soils post treatment and the crushing of the resultant hardcore.
- Add a waste code to the dewatering activity.

The installation operates as follows.

The facility is located on Union Mill Street approximately 830m east from the centre of Wolverhampton at grid reference (NGR) SO 92316 98608. The site is bounded to the east by offices, the north east by Union Mill Street residential properties and to the south by Horseley Fields Road and business units.

The facility consists of two installation treatment activities and associated waste storage for which the Operator implements their own management system. The site accepts hazardous waste including soils contaminated with hydrocarbons and asbestos containing materials. Waste is processed via the appropriate scheduled activities under the Industrial Emissions Directive and undertaken using Best Available Techniques. Installation activities are:

- Section 5.3 Part A (1) (a) (i) – Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving biological treatment of hazardous waste (bioremediation). This activity consists of the application of a microorganism and nutrient formula to the waste followed by thorough mixing. The mixture is then placed in an enclosure with extraction to allow the bioremediation process to breakdown the hydrocarbon content to appropriate standards.
- Section 5.3 Part A (1) (a) (ii) – Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment of hazardous waste (asbestos treatment). This activity consists of the storage and picking of asbestos containing materials from contaminated waste. The Operator will utilise enclosed storage and enclosed treatment served by an appropriate extraction and abatement system. This activity will not include the treatment of wastes containing hazardous levels of fibrous asbestos.
- Section 5.6 Part A (1) (a) – Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2 and 5.3.

These scheduled activities are supported by eight Directly Associated Activities:

- Pre-screening of waste
- The treatment of waste water via a granular activated carbon filter and oil interceptor
- Onsite storage of fuel and raw materials
- Storage of site surface water
- Bulking and storage of asbestos waste
- Storage of treated waste
- Screening of soils post treatment
- Crushing of the resultant hardcore

The site also undertakes a waste operation which treats non-hazardous wastes via dewatering for onward recovery or disposal.

The site has an annual throughput of 200,000 tonnes split between the treatment activities, and a daily throughput of 666 tonnes.

The site has two point source air emissions from the site's emissions abatement equipment and a point source emission to sewer for site runoff. Surface water from operational areas will undergo treatment via an interceptor and granular activated carbon filter, stored and then tested prior to discharge. If the runoff does not meet the sewer undertaker discharge consent, it is disposed of offsite. The principal releases are in the form of fugitive emissions such as odour and dust as well as waste sent offsite for recovery or disposal. Site abatement includes carbon adsorption for the treatment of VOC's from the bioremediation process and an electrostatic preceptor/bag filter for the treatment of emissions from the enclosed asbestos storage and picking processes. All reception, treatment and storage areas are situated on an impermeable surface with sealed drainage. Waste storage is appropriately segregated to prevent cross contamination.

There is 1 Special Area of Conservation within 10km of the installation and 11 local wildlife sites with 2km. Assessment by the Environment Agency shows that emissions from activities undertaken at the Installation are unlikely to have a significant impact on the habitat sites.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

| <b>Status log of the permit</b>                                                                                 |                         |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                                                                                              | <b>Date</b>             | <b>Comments</b>                                                                                                                                                                                                                                            |
| Application<br>EPR/BP3331DD/V004                                                                                | Duly made<br>23/02/2017 | Application for a hazardous waste treatment installation and a non-hazardous waste treatment waste operation.                                                                                                                                              |
| Additional Information                                                                                          | 02/06/2017              | Confirmed removal of Heavy Metal Treatment activity from application.                                                                                                                                                                                      |
| Response to Schedule 5 Notices dated 21/03/2017 and 28/06/2017                                                  | 03/08/2017              | Revision of all application supporting documents including operating techniques and BAT justifications.                                                                                                                                                    |
| Response to Schedule 5 Notice dated 25/08/2017                                                                  | 08/09/2017              | Bioremediation operating techniques.                                                                                                                                                                                                                       |
| Additional information received                                                                                 | 12/09/2017              | Revised dust management plan, odour management plan, best available techniques document and operating techniques document.                                                                                                                                 |
| Permit determined<br>EPR/BP3331DD                                                                               | 18/10/2017              | Permit issued to Dunton Environmental Limited.                                                                                                                                                                                                             |
| Environment Agency Variation<br>EPR/BP3331DD/V002 issued                                                        | 05/01/2018              | Variation to amend particulate matter emissions limits and require the operator to agree with the Environment Agency appropriate limits based on appropriate site particulate monitoring. Also amendment to correct pre operational condition referencing. |
| Application<br>EPR/BP3331DD/V003                                                                                | 24/09/2018              | Application withdrawn as Standard Rules criteria not met.                                                                                                                                                                                                  |
| Application<br>EPR/BP3331DD/V004                                                                                | Duly made<br>17/12/2018 | Application to increase the asbestos storage capacity and add two Directly Associated Activities (DAA's) and a waste code.                                                                                                                                 |
| Variation determined<br>EPR/BP3331DD/V004<br>(PAS Billing ref: DP3232QF<br>EAWML Billing ref: EAWML<br>403686). | 23/07/2019              | Consolidated variation issued to Dunton Environmental Limited.                                                                                                                                                                                             |

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

### Permit number

**EPR/BP3331DD**

### Issued to

**Dunton Environmental Limited** ("the operator")

whose registered office is

#### Unit 1

**Tamebridge Industrial Estate**

**Aldridge Road**

**Perry Barr**

**Birmingham**

**B42 2TX**

company registration number **05839536**

to operate a regulated facility at

**Horseley Field Waste Treatment Facility**

**Lower Horseley Field**

**Union Mill Street**

**Wolverhampton**

**WV1 3DW**

to the extent set out in the schedules.

The notice shall take effect from 23/07/2019.

| Name         | Date       |
|--------------|------------|
| Maxine Evans | 23/07/2019 |

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/BP3331DD**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BP3331DD/V004 authorising,

**Dunton Environmental Limited** (“the operator”),

whose registered office is

#### **Unit 1**

**Tamebridge Industrial Estate**

**Aldridge Road**

**Perry Barr**

**Birmingham**

**B42 2TX**

company registration number **05839536**

to operate an installation at

**Horseley Field Waste Treatment Facility**

**Lower Horseley Field**

**Union Mill Street**

**Wolverhampton**

**WV1 3DW**

to the extent authorised by and subject to the conditions of this permit.

| Name         | Date       |
|--------------|------------|
| Maxine Evans | 23/07/2019 |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR11), the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures identified by a review.

### 1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR11), the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
  - (b) maintain records of raw materials and water used in the activities;
  - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
  - (d) take any further appropriate measures identified by a review.

### 1.4 Avoidance, recovery and disposal of wastes produced by the activities

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## **2 Operations**

### **2.1 Permitted activities**

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1, table S1.1 (the “activities”).
- 2.1.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR11), waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **2.2 The site**

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

### **2.3 Operating techniques**

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2, tables S2.2, S2.3 and S2.4.
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
  - (b) the composition of the waste;
  - (c) the handling requirements of the waste;
  - (d) the hazardous property associated with the waste, if applicable; and
  - (e) the waste code of the waste.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

### **Hazardous waste storage and treatment**

- 2.3.6 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1, table S1.1 and appropriate measures are taken.

## **2.4 Improvement programme**

- 2.4.1 The operator shall complete the improvements specified in schedule 1, table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **2.5 Pre-operational conditions**

- 2.5.1 The operations specified in schedule 1, table S1.4 shall not commence until the measures specified in that table have been completed.

# **3 Emissions and monitoring**

## **3.1 Emissions to water, air or land.**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3, tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

## **3.2 Emissions of substances not controlled by emission limits**

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## **3.3 Odour**

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

### **3.4 Noise and vibration**

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

### **3.5 Monitoring**

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2; and
  - (b) ambient air monitoring specified in table S3.3.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3, tables S3.1 and S3.2 unless otherwise agreed in writing by the Environment Agency.

## **4 Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) off-site environmental effects; and
    - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

### **4.2 Reporting**

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR9), a report or reports on the performance of the activities over the previous year shall be submitted to the Environment

Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production /treatment data set out in schedule 4, table S4.2; and
- (c) the performance parameters set out in schedule 4, table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4, table S4.1;
- (b) for the reporting periods specified in schedule 4, table S4.1 and using the forms specified in schedule 4, table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
  - (i) inform the Environment Agency,
  - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
  - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
  - (i) inform the Environment Agency, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this

information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

## **4.4 Interpretation**

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately" in which case it may be provided by telephone.

# Schedule 1 – Operations

| Table S1.1 activities |                                                     |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Activity reference    | Activity listed in Schedule 1 of the EP Regulations | Description of specified activity and WFD Annex I and II operations                                                                                                                                                                                                                                                                                         | Limits of specified activity and waste types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| AR1                   | S5.3 Part A (1) (a) (i)                             | <p>Ex-situ treatment of waste via bioremediation.</p> <p>R3 Recycling/reclamation of organic substances which are not used as solvents.</p>                                                                                                                                                                                                                 | <p>From storage of wastes and receipt of raw materials, to treatment via bioremediation and despatch of waste offsite.</p> <p>This activity will only be used to treat hydrocarbon contamination. Waste with any other hazardous properties shall not be subject to this process.</p> <p>The biopile gas extraction system must be operational during treatment.</p> <p>This activity will not include the treatment of wastes containing hazardous levels of fibrous asbestos.</p> <p>Storage of waste shall not exceed 4500 tonnes (pre-treatment) and 1500 tonnes (post-treatment).</p> <p>Waste types as specified in Table S2.2.</p> |
| AR2                   | S5.3 Part A (1) (a) (ii)                            | <p>Ex-situ treatment of waste contaminated with asbestos containing materials by picking.</p> <p>R5 Recycling/reclamation of other inorganic compounds</p> <p>D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12</p> | <p>From receipt of waste to storage and treatment of waste in enclosed picking station with abatement prior to being subject to bioremediation or sent offsite for disposal or recovery.</p> <p>The extraction system must be operational during storage and treatment.</p> <p>Waste subject to this process shall only be hazardous due to asbestos contamination or hydrocarbon contamination.</p> <p>This activity will not include the treatment of wastes containing hazardous levels of fibrous asbestos.</p>                                                                                                                       |

|                                     |                                           |                                                                                                                                                  |                                                                                                                                                                                                                                                               |
|-------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |                                           |                                                                                                                                                  | Storage of waste shall not exceed 4000 tonnes (pre-treatment) and 4000 tonnes (post-treatment).<br><br>Waste types as specified in Table S2.3.                                                                                                                |
| AR3                                 | S5.6 Part A (1) (a)                       | Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2 and 5.3 | Storage of hazardous waste on an impermeable surface with sealed drainage.<br><br>Waste types as specified in Table S2.2 and S2.3.                                                                                                                            |
| <b>Directly Associated Activity</b> |                                           |                                                                                                                                                  |                                                                                                                                                                                                                                                               |
| AR4                                 | Storage of treated non-hazardous waste.   | Storage of treated non-hazardous was from asbestos and bioremediation treatment activities.                                                      | To be stored on an area of impermeable surface with sealed drainage.                                                                                                                                                                                          |
| AR5                                 | Onsite storage of fuel and raw materials. | Storage of fuel for vehicles and Bioaccelerator ingredients                                                                                      | Ingredients will be stored within IBC's on an impermeable surface with sealed drainage.                                                                                                                                                                       |
| AR6                                 | Storage of site surface water.            | Storage of surface water runoff from the treatment and processing areas.                                                                         | Storage of runoff from areas of site storing and treating non-hazardous in 1 holding tank.<br><br>Storage of runoff from areas of the site storing and treatment hazardous waste in 2 holding tanks.                                                          |
| AR7                                 | Bulking and storage of asbestos waste.    | Storage of asbestos in bags within skips.                                                                                                        | Asbestos waste shall be double bagged and kept within clearly identified, segregated, secure, lockable containers on an impermeable surface with sealed drainage system.<br><br>All treatment must take place on an impermeable surface with sealed drainage. |
| AR8                                 | The treatment of waste water.             | Treatment via an interceptor and granular activated carbon filter.                                                                               | Treated water to be stored and removed from site for appropriate treatment if it does not meet the criteria of the sewer discharge consent.                                                                                                                   |

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AR9                       | Pre-screening of waste.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Screening of waste to remove any materials which are not suitable for bioremediation. | All treatment must take place on an impermeable surface with sealed drainage.<br><br>Waste types as specified in Table S2.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| AR10                      | Screening of soils post treatment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Screening of soils to remove the hardcore.                                            | All treatment must take place on an impermeable surface with sealed drainage.<br><br>Material must have undergone the required treatment process (Activity AR2) and not contain asbestos or hydrocarbons.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| AR11                      | Crushing of resultant hardcore.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Crushing of hardcore prior to removal from site.                                      | All treatment must take place on an impermeable surface with sealed drainage.<br><br>Material must have undergone the required treatment process (Activity AR2) and not contain asbestos or hydrocarbons.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Activity reference</b> | <b>Description of activities for waste operations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       | <b>Limits of activities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| AR12                      | <p>R13 Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R3 Recycling/reclamation of organic substances which are not used as solvents</p> <p>R5 Recycling/reclamation of other inorganic compounds</p> <p>D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12</p> <p>D15 Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p> |                                                                                       | <p>Treatment operations shall be limited to: Physical treatment via dewatering for the purpose of recovery/disposal.</p> <p>There shall be no treatment of hazardous waste via dewatering.</p> <p>No more than 50 tonnes shall be treated per day for disposal</p> <p>Wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery.</p> <p>All wastes shall be stored and treated on an impermeable surface with sealed drainage system.</p> <p>Storage of waste shall not exceed 500 tonnes (pre-treatment) and 500 tonnes (post-treatment).</p> <p>Waste types as specified in Table S2.4</p> |

| Table S1.2 Operating techniques                               |                                                                                                                                                                            |               |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Description                                                   | Parts                                                                                                                                                                      | Date Received |
| Response to Schedule 5 Notice dated 21/03/2017 and 28/06/2017 | Responses to all questions and revised documentation excluding all operating techniques relating to waste conditioning using Cement Kiln Dust, Lime and Hydrogen Peroxide. | 03/08/2017    |

| <b>Table S1.2 Operating techniques</b>         |                                                                                                                                                                                                                              |                      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>Description</b>                             | <b>Parts</b>                                                                                                                                                                                                                 | <b>Date Received</b> |
|                                                | Noise management plan.                                                                                                                                                                                                       |                      |
| Response to Schedule 5 Notice dated 25/08/2017 | Responses to questions 1,2,3,4,5,6, regarding Pre-screening, mulch not used during treatment, metal benchmarks for waste acceptance, use of “Lego Blocks” as windbreaks, turning of biopiles and odour monitoring locations. | 08/09/2017           |
| Additional information received                | Revised dust management plan, odour management plan, best available techniques document and operating techniques documents.                                                                                                  | 12/09/2017           |
| Application EPR/BP3331DD/V004                  | Revised dust management plan, best available techniques document and operating techniques documents.                                                                                                                         | 18/10/2018           |
| Additional information received                | Document outlining site capacity for activities.                                                                                                                                                                             | 12/12/2018           |
| Additional information received                | Site layout plan DEL-A104070-LAY-02.                                                                                                                                                                                         | 25/06/2019           |

| <b>Table S1.3 Improvement programme requirements</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>Reference</b>                                     | <b>Requirement</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Date</b>                                   |
| IC1                                                  | Following the commissioning of the installation and waste operation, the Operator shall submit a report to the Environment Agency detailing the outcome of the commissioning programme. The report shall include the identification of, and justification for, any changes to the operating techniques provided in the application EPR/BP3331DD/A001.                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 weeks following commencement of operations  |
| IC2                                                  | <p>The Operator shall undertake 6 months of MCERTs standard monitoring of the carbon abatement and electrostatic precipitator/bag filter abatement system emissions and submit a report to the Environment Agency for written agreement demonstrating that the abatement systems are treating emissions to the standards outlined in the manufacturers' recommendations.</p> <p>If the emissions released from the abatement systems do not achieve the Manufacturers recommendation the Operator shall submit proposals to the Environment Agency along with timescales of implementation to improve the efficacy of the abatement system or provide alternative abatement.</p> <p>The Operator shall implement the proposals within the timescale agreed with the Environment Agency.</p> | 7 months following commencement of operations |
| IC3                                                  | <p>The Operator shall submit a report to the Environment Agency for written approval reviewing the efficacy of the bioremediation process.</p> <p>The report shall include:</p> <ul style="list-style-type: none"> <li>• Amount of waste treated via bioremediation</li> <li>• Amount of waste treated within target timescales</li> <li>• Results of validation testing for successfully treated waste</li> <li>• Amount of waste re-treated</li> <li>• Amount of waste disposed of after bioremediation treatment.</li> </ul> <p>If the results of the report show significant retreatment of waste or unsuccessful treatment of waste via bioremediation after three rounds of treatment, the Operator shall submit proposals to improve the efficacy of</p>                             | 6 months following commencement of operations |

| Table S1.3 Improvement programme requirements |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Reference                                     | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date      |
|                                               | <p>the process along with the timescale for implementation to the Environment Agency for written approval.</p> <p>The Operator shall implement the proposals in line with the timescales agreed with the Environment Agency.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |
| IC4                                           | <p>The Operator shall undertake 6 months of noise monitoring and submit a report to the Environment Agency for written approval which reviews the effectiveness of the site's noise management plan in line with BS4142/2014</p> <p>In the event the noise monitoring identifies the need for further noise abatement measures the operator shall propose additional measures along with timescales for implementation to the Environment Agency for Written approval.</p> <p>The Operator shall implement any further abatement measures in line with the timescales agreed with the Environment Agency.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Complete. |
| IC5                                           | <p>The Operator shall undertake 6 months of dust, particulate matter and asbestos monitoring in line with M17 guidance and submit a report to the Environment Agency for written approval which:</p> <ul style="list-style-type: none"> <li>reviews the effectiveness of the dust management plan and whether ambient air monitoring environmental standards for PM<sub>10</sub> and asbestos fibres are being achieved.</li> <li>proposes emissions limits, reference periods and monitoring frequency for PM<sub>10</sub>'s based on particulate emissions emission monitoring.</li> </ul> <p>In the event the dust monitoring identifies the need for further dust and particulate matter abatement measures the operator shall propose additional measures along with timescales for implementation to the Environment Agency for written approval.</p> <p>The Operator shall</p> <ul style="list-style-type: none"> <li>implement any further abatement measures in line with the timescales agreed with the Environment Agency.</li> <li>implement the proposed emissions limits, reference periods and monitoring frequency for PM<sub>10</sub>'s as agreed with the Environment Agency.</li> </ul> | Complete. |
| IC6a                                          | <p>The Operator shall undertake daily asbestos monitoring for the first week of commencing asbestos storage and treatment and submit results the Environment Agency for Written Approval.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Complete. |
| IC6b                                          | <p>Following completion of IC6a, if emissions of asbestos fibres are demonstrated as being less than 0.01 fibres/ml, once approved by the Environment Agency, the Operator may reduce asbestos monitoring frequency to weekly for the next 5 weeks and submit results to the Environment Agency. If Following the 5 week period referred to above, if emissions are demonstrated as being consistently less than 0.01 fibres/ml, if approved by the Environment Agency, the Operator may reduce asbestos monitoring frequency to monthly.</p> <p>In the event asbestos emissions above 0.01 fibres/ml are detected during monthly monitoring the Operator shall propose more frequent monitoring and timescales for implementation to the Environment Agency for written approval.</p> <p>The Operator shall implement more frequent monitoring in line with the timescale agreed with the Environment Agency.</p>                                                                                                                                                                                                                                                                                         | Complete. |

| <b>Table S1.4 Pre-operational measures</b> |                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reference</b>                           | <b>Pre-operational measures</b>                                                                                                                                                                                                                                                                               |
| 1                                          | The Operator shall notify the Environment Agency in writing 1 week prior to commencing operations.                                                                                                                                                                                                            |
| 2                                          | Prior to operation, the operator shall install all concrete surfacing and associated infrastructure including drainage systems and demonstrate to the Environment Agency for written agreement that it has been installed to an appropriate CQA standard and signed off by an appropriately qualified person. |
| 7                                          | Prior to undertaking any dewatering activities the Operator shall demonstrate to the Environment Agency that all emissions containment infrastructure associated with this activity has been appropriately installed in line with the manufacturer recommendations.                                           |
| 8                                          | Prior to operation the Operator shall submit a site plan to the Environment Agency for written approval which confirms the location of the site's point source air emissions from the abatement systems releases.                                                                                             |
| 9                                          | Prior to sending any waste offsite as a non-waste the Operator shall submit a written report to the Environment Agency for written approval that demonstrates the waste meets relevant end of waste criteria.                                                                                                 |

## Schedule 2 – Waste types, raw materials and fuels

| Table S2.1 Raw materials and fuels |               |
|------------------------------------|---------------|
| Raw materials and fuel description | Specification |
| -                                  | -             |

| Table S2.2 Permitted waste types and quantities for bioremediation |                                                                                                                                      |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum quantity</b>                                            | Annual throughput shall be less than 200,000 tonnes for all activities in table S1.1<br>Waste hazardous properties H3, HP7 and HP14. |
| <b>Waste code</b>                                                  | <b>Description</b>                                                                                                                   |
| <b>01</b>                                                          | <b>Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals</b>                         |
| <b>01 05</b>                                                       | <b>drilling muds and other drilling wastes</b>                                                                                       |
| 01 05 05*                                                          | oil-containing drilling muds and wastes                                                                                              |
| <b>05</b>                                                          | <b>Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal</b>                                      |
| <b>05 01</b>                                                       | <b>wastes from petroleum refining</b>                                                                                                |
| 05 01 03*                                                          | tank bottom sludges                                                                                                                  |
| 05 01 06*                                                          | oily sludges from maintenance operations of the plant or equipment                                                                   |
| <b>06</b>                                                          | <b>Wastes from inorganic chemical processes</b>                                                                                      |
| <b>06 05</b>                                                       | <b>sludges from on-site effluent treatment</b>                                                                                       |
| 06 05 02*                                                          | sludges from on-site effluent treatment containing dangerous substances                                                              |
| <b>10</b>                                                          | <b>Wastes from thermal processes</b>                                                                                                 |
| <b>10 02</b>                                                       | <b>wastes from the iron and steel industry</b>                                                                                       |
| 10 02 07*                                                          | solid wastes from gas treatment containing dangerous substances                                                                      |
| 10 02 13*                                                          | sludges and filter cakes from gas treatment containing dangerous substances                                                          |
| <b>10 13</b>                                                       | <b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>                                  |
| 10 13 12*                                                          | solid wastes from gas treatment containing dangerous substances                                                                      |
| <b>13</b>                                                          | <b>Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)</b>                               |
| <b>13 05</b>                                                       | <b>oil/water separator contents</b>                                                                                                  |
| 13 05 01*                                                          | solids from grit chambers and oil/water separators                                                                                   |
| 13 05 02*                                                          | sludges from oil/water separators                                                                                                    |
| 13 05 03*                                                          | interceptor sludges                                                                                                                  |
| 13 05 08*                                                          | mixtures of wastes from grit chambers and oil/water separators                                                                       |
| <b>16</b>                                                          | <b>Wastes not otherwise specified in the list</b>                                                                                    |
| <b>16 07</b>                                                       | <b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>                                               |
| 16 07 08*                                                          | wastes containing oil                                                                                                                |
| <b>17</b>                                                          | <b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>                                         |

| <b>Table S2.2 Permitted waste types and quantities for bioremediation</b> |                                                                                                                                                                                |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum quantity</b>                                                   | Annual throughput shall be less than 200,000 tonnes for all activities in table S1.1<br>Waste hazardous properties H3, HP7 and HP14.                                           |
| <b>Waste code</b>                                                         | <b>Description</b>                                                                                                                                                             |
| <b>17 01</b>                                                              | <b>concrete, bricks, tiles and ceramics</b>                                                                                                                                    |
| 17 01 06*                                                                 | mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances                                                                     |
| <b>17 05</b>                                                              | <b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>                                                                                      |
| 17 05 03*                                                                 | soil and stones containing hazardous substances                                                                                                                                |
| 17 05 05*                                                                 | dredging spoil containing hazardous substances                                                                                                                                 |
| 17 05 07*                                                                 | track ballast containing hazardous substances                                                                                                                                  |
| <b>17 09</b>                                                              | <b>other construction and demolition wastes</b>                                                                                                                                |
| 17 09 03*                                                                 | other construction and demolition wastes (including mixed wastes) containing hazardous substances                                                                              |
| <b>19</b>                                                                 | <b>Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use</b> |
| <b>19 02</b>                                                              | <b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>                                                              |
| 19 02 04*                                                                 | premixed wastes composed of at least one hazardous waste                                                                                                                       |
| 19 02 05*                                                                 | sludges from physico/chemical treatment containing hazardous substances                                                                                                        |
| <b>19 03</b>                                                              | <b>stabilised/solidified wastes</b>                                                                                                                                            |
| 19 03 04*                                                                 | wastes marked as hazardous, partly stabilised other than 19 03 08                                                                                                              |
| 19 03 06*                                                                 | wastes marked as hazardous, solidified                                                                                                                                         |
| <b>19 12</b>                                                              | <b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>                                          |
| 19 12 11*                                                                 | other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances                                                              |
| <b>19 13</b>                                                              | <b>wastes from soil and groundwater remediation</b>                                                                                                                            |
| 19 13 01*                                                                 | solid wastes from soil remediation containing hazardous substances                                                                                                             |
| 19 13 03*                                                                 | sludges from soil remediation containing hazardous substances                                                                                                                  |
| 19 13 05*                                                                 | sludges from groundwater remediation containing hazardous substances                                                                                                           |

| <b>Table S2.3 Permitted waste types and quantities for asbestos picking</b> |                                                                                                                                                |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum quantity</b>                                                     | Annual throughput shall be less than 200,000 tonnes for all activities in table S1.1<br>Waste hazardous properties H3, HP4, HP5, and HP7. HP14 |
| <b>Waste code</b>                                                           | <b>Description</b>                                                                                                                             |
| <b>17</b>                                                                   | <b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>                                                   |
| <b>17 06</b>                                                                | <b>Insulation materials and asbestos-containing construction materials</b>                                                                     |
| 17 06 05*                                                                   | construction materials containing asbestos                                                                                                     |
| 17 05 03*                                                                   | soil and stones containing hazardous substances                                                                                                |

| <b>Table S2.4 Permitted waste types and quantities for dewatering</b> |                                                                                                                                                                                |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum quantity</b>                                               | Annual throughput shall be less than 50,000 tonnes for activity AR10                                                                                                           |
| <b>Waste code</b>                                                     | <b>Description</b>                                                                                                                                                             |
| <b>17</b>                                                             | <b>Construction and demolition wastes (including excavated soil from contaminated sites)</b>                                                                                   |
| <b>17 05</b>                                                          | <b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>                                                                                      |
| 17 05 04                                                              | soil and stones other than those mentioned in 17 05 03                                                                                                                         |
| 17 05 06                                                              | dredging spoil other than those mentioned in 17 05 05                                                                                                                          |
| <b>19</b>                                                             | <b>Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use</b> |
| <b>19 02</b>                                                          | <b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>                                                              |
| 19 02 06                                                              | sludges from physico/chemical treatment other than those mentioned in 19 02 05                                                                                                 |
| <b>20</b>                                                             | <b>Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions</b>                                 |
| <b>20 03</b>                                                          | <b>other municipal wastes</b>                                                                                                                                                  |
| 20 03 03                                                              | street-cleaning residues                                                                                                                                                       |

## Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements |                                               |                                            |                        |                  |                      |                               |
|----------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------|------------------------|------------------|----------------------|-------------------------------|
| Emission point ref. & location                                                         | Source                                        | Parameter                                  | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| Location to be confirmed in line with Pre operational condition 8                      | Carbon abatement system exhaust               | VOC                                        | -                      | -                | -                    | -                             |
| Location to be confirmed in line with Pre operational condition 8                      | Carbon abatement system exhaust               | VOC15                                      | -                      | -                | -                    | -                             |
| Location to be confirmed in line with Pre operational condition 8                      | Electrostatic precipitator/bag filter exhaust | Asbestos fibres, dust and PM <sub>10</sub> | -                      | -                | -                    | -                             |

| Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements                      |        |           |                    |                  |                      |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|--------------------|------------------|----------------------|-------------------------------|
| Emission point ref. & location                                                                                                                                     | Source | Parameter | Limit (incl. Unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| Discharge to sewer via Seven Trent Trade Effluent as shown on drainage plan reference DEL/A101070/DRN/02 dated 31/7/17 submitted with application EPR/BP331DD/A001 | -      | -         | -                  | -                | -                    | -                             |

| Table S3.3 Ambient air emission limits and monitoring requirements                                            |                    |                                                                               |                                                                               |                                                                               |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Location or description of point of measurement                                                               | Parameter          | Limit (incl. Unit)                                                            | Reference period                                                              | Monitoring frequency                                                          | Monitoring standard or method        | Other specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| A,B,C,D drawing reference Appendix D – Dust Monitoring Locations submitted with application EPR/BP3331DD/A001 | Particulate matter | As agreed with the Environment Agency in line with Improvement condition IC5. | As agreed with the Environment Agency in line with Improvement condition IC5. | As agreed with the Environment Agency in line with Improvement condition IC5. | In line with M17 monitoring guidance | <p>Monitoring equipment should meet the MCERTS Performance standards for indicative ambient particulate monitors or similar standard agreed in writing with the Environment Agency.</p> <p>The equipment shall be calibrated in accordance with the manufacturers recommendations or 6 monthly, whichever is first</p> <p>The system must be managed and maintained by suitably trained personnel.</p> <p>The system must obtain representative data that must accurately reflect PM<sub>10</sub> levels produced by the site's activities.</p> |
| Downwind of asbestos treatment area                                                                           | Asbestos fibres    | 0.01 fibres/ml                                                                | 1 hour at 8 l/min                                                             | As per IC6a and IC6b                                                          | In line with M17 monitoring guidance | <p>Pumped sampling 1m above ground level</p> <p>Flow rate = 4 litres/minute</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Table S3.3 Ambient air emission limits and monitoring requirements |           |                    |                  |                      |                               |                                                                                                                       |
|--------------------------------------------------------------------|-----------|--------------------|------------------|----------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Location or description of point of measurement                    | Parameter | Limit (incl. Unit) | Reference period | Monitoring frequency | Monitoring standard or method | Other specifications                                                                                                  |
|                                                                    |           |                    |                  |                      |                               | Minimum sample volume = 480 litres<br>Filter pore size = 1.2µm<br>Asbestos fibre limit of detection = 0.001 fibres/ml |

## Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

| <b>Table S4.1 Reporting of monitoring data</b>                      |                                               |                         |                                       |
|---------------------------------------------------------------------|-----------------------------------------------|-------------------------|---------------------------------------|
| <b>Parameter</b>                                                    | <b>Emission or monitoring point/reference</b> | <b>Reporting period</b> | <b>Period begins</b>                  |
| Ambient air monitoring<br>Parameters as required by condition 3.5.1 | A,B,C,D and Downwind of Asbestos activities   | Every 3 months          | 1 January, 1 April, 1 July, 1 October |

| <b>Table S4.2: Annual production/treatment</b> |              |
|------------------------------------------------|--------------|
| <b>Parameter</b>                               | <b>Units</b> |
| Waste Treated                                  | tonnes       |
| Hazardous waste recovered                      | tonnes       |

| <b>Table S4.3 Performance parameters</b> |                                |              |
|------------------------------------------|--------------------------------|--------------|
| <b>Parameter</b>                         | <b>Frequency of assessment</b> | <b>Units</b> |
| Water usage                              | Annually                       | tonnes       |
| Energy usage                             | Annually                       | MWh          |
| Total raw material used                  | Annually                       | tonnes       |

| <b>Table S4.4 Reporting forms</b>      |                                                                                 |                     |
|----------------------------------------|---------------------------------------------------------------------------------|---------------------|
| <b>Media/parameter</b>                 | <b>Reporting format</b>                                                         | <b>Date of form</b> |
| Particulate Matter and Asbestos Fibres | Form particle 1 or other form as agreed in writing by the Environment Agency    | 18/10/2017          |
| Water usage                            | Form water usage 1 or other form as agreed in writing by the Environment Agency | 18/10/2017          |
| Energy usage                           | Form energy 1 or other form as agreed in writing by the Environment Agency      | 18/10/2017          |
| Other performance indicators           | Form performance 1 or other form as agreed in writing by the Environment Agency | 18/10/2017          |

## Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

### Part A

|                                |  |
|--------------------------------|--|
| Permit Number                  |  |
| Name of operator               |  |
| Location of Facility           |  |
| Time and date of the detection |  |

|                                                                                                                                                                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution</b> |  |
| <b>To be notified within 24 hours of detection</b>                                                                                                                                                                                                  |  |
| Date and time of the event                                                                                                                                                                                                                          |  |
| Reference or description of the location of the event                                                                                                                                                                                               |  |
| Description of where any release into the environment took place                                                                                                                                                                                    |  |
| Substances(s) potentially released                                                                                                                                                                                                                  |  |
| Best estimate of the quantity or rate of release of substances                                                                                                                                                                                      |  |
| Measures taken, or intended to be taken, to stop any emission                                                                                                                                                                                       |  |
| Description of the failure or accident.                                                                                                                                                                                                             |  |

|                                                                                     |  |
|-------------------------------------------------------------------------------------|--|
| <b>(b) Notification requirements for the breach of a limit</b>                      |  |
| <b>To be notified within 24 hours of detection unless otherwise specified below</b> |  |
| Emission point reference/ source                                                    |  |
| Parameter(s)                                                                        |  |
| Limit                                                                               |  |
| Measured value and uncertainty                                                      |  |
| Date and time of monitoring                                                         |  |

|                                                                                     |  |
|-------------------------------------------------------------------------------------|--|
| <b>(b) Notification requirements for the breach of a limit</b>                      |  |
| <b>To be notified within 24 hours of detection unless otherwise specified below</b> |  |
| Measures taken, or intended to be taken, to stop the emission                       |  |

|                                                                                 |                            |
|---------------------------------------------------------------------------------|----------------------------|
| <b>Time periods for notification following detection of a breach of a limit</b> |                            |
| <b>Parameter</b>                                                                | <b>Notification period</b> |
|                                                                                 |                            |
|                                                                                 |                            |
|                                                                                 |                            |

|                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------|--|
| <b>(c) Notification requirements for the detection of any significant adverse environmental effect</b> |  |
| <b>To be notified within 24 hours of detection</b>                                                     |  |
| Description of where the effect on the environment was detected                                        |  |
| Substances(s) detected                                                                                 |  |
| Concentrations of substances detected                                                                  |  |
| Date of monitoring/sampling                                                                            |  |

## Part B – to be submitted as soon as practicable

|                                                                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Any more accurate information on the matters for notification under Part A.                                                                            |  |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident                                                                       |  |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission |  |
| The dates of any unauthorised emissions from the facility in the preceding 24 months.                                                                  |  |

|           |  |
|-----------|--|
| Name*     |  |
| Post      |  |
| Signature |  |
| Date      |  |

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“disposal” means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in schedule 2, table S2.2, S2.3 and S2.4, for that table/those tables, they have the meaning given below:

"hazardous substance" means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

"heavy metal" means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances.

"stabilisation" means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

"solidification" means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste.

"partly stabilised wastes" means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

[illegible]

END OF PERMIT

Permit number  
EPR/BP3331DD

# Asbestos soil Excavate and Disposal

EW90 RAMS 008 Rev01



**STATOM GROUP**

REMEDIATION • GROUNDWORKS • STRUCTURES

## EW90 Lovedean Phase 2: Asbestos soils Excavate and Disposal RAMS 008 rev01



|                             |                 |
|-----------------------------|-----------------|
| <b>PROJECT NUMBER:</b>      | EW90            |
| <b>ADDRESS:</b>             |                 |
| <b>START DATE:</b>          | 08/02/21        |
| <b>END DATE:</b>            | 12/02/21        |
| <b>ISSUED BY:</b>           | Sean Deloughery |
| <b>SITE MANAGER:</b>        |                 |
| <b>CLIENT:</b>              | Vistry Homes    |
| <b>CLIENT SITE MANAGER:</b> |                 |

| REVIEW & ACCEPTANCE   |                           |                 |      |            |
|-----------------------|---------------------------|-----------------|------|------------|
|                       | POSITION                  | NAME            | SIGN | DATE       |
| <b>ISSUED BY</b>      | Head of Environmental     | Sean Deloughery |      | 04/02/21   |
| <b>H&amp;S REVIEW</b> | Compliance manager        | Perry Gregory   |      | 04/02/2021 |
| <b>REVIEW</b>         | Head of Health and Safety | David Smith     |      |            |
| <b>ACCEPTED</b>       | Site Manager              | TBC             |      |            |

# Asbestos soil Excavate and Disposal

## EW90 RAMS 008 Rev01



**STATOM GROUP**  
REMEDICATION • GROUNDWORKS • STRUCTURES

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# Asbestos soil Excavate and Disposal

## EW90 RAMS 008 Rev01

### 1. Issue and Distribution

| Issue | Amendment   | Prepared by     | Reviewed & Approved by | Date     |
|-------|-------------|-----------------|------------------------|----------|
| 1     | Draft- rev1 | Sean Deloughery | David Smith            | 04/02/21 |
|       |             |                 |                        |          |

| Issue | Recipients | Reciept by | Date |
|-------|------------|------------|------|
| 1     |            |            |      |
|       |            |            |      |

### 2. Scope of Works

The following activities are covered by these RAMS.

- Excavating of contaminated soils and loading into a 8-wheel tipper for offsite disposal
- Validation sampling of excavation

If additional works are required, new RAMS must be issued, or these RAMS must be amended before commencement.  
Works to be carried out during site hours; 0800-1730 Monday to Friday, 0800-1300 Saturday

### 3. Resources

#### 3.1 Personnel

|                       |                 |              |
|-----------------------|-----------------|--------------|
| Head of Remediation   | Sean Deloughery |              |
| Site Manager          |                 |              |
| Environmental Manager | Michael Gillman |              |
| H&S Manager           | David Smith     | 07935 219627 |
| Excavator Operator    |                 |              |
| Site Foreman          | Tony Crane      |              |
| Asbestos operative    |                 |              |

#### 3.2 Plant & Equipment

|                             |                           |
|-----------------------------|---------------------------|
| hand tools                  | Jetwash Bowser            |
| Barriers, Guarding, Signage | 360 excavator c/w buckets |
| Decontamination unit        | Road Lorries              |

Plant Test & certification will be held on site and records kept in PUWER/LOLER/ PLANT register

#### 3.3 Materials

|                                 |  |
|---------------------------------|--|
| Stockpiled materials            |  |
| Oversized Deleterious materials |  |

### 4. Personal Protective Equipment

The following PPE/RPE will be worn by all personnel carrying out these works:

- Safety helmet
- Safety footwear
- Hi-vis clothing
- Gloves (general work and as identified by assessment)
- Eye, hearing and respiratory protection (FFP3) as required and identified
- CAT3 Type 5/6 coveralls

### 5. Identified Hazards & Risks

The following significant hazards have been identified and assessed, and a full risk assessment is attached at the end of this document:

# Asbestos soil Excavate and Disposal

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- Human-plant/traffic interface – plant and traffic movements must be controlled and segregated from working personnel. Access and egress will follow designated routes established prior to work commencing. Competent experienced personnel to operate plant machinery. Pedestrian routes will be established. Use STATOM GROUP 'thumbs up' to ensure you are seen before moving around machinery.
- Covid-19 virus contamination, transmission- Follow STATOM GROUP procedures on cleaning and social distancing to minimise contamination and contagion risks; induct all personnel, establish distancing in all shared areas and reduce occupancy of structures. Comprehensive cleaning of tools, plant and equipment between uses.
- Exposure to ACMs- on-site work methods will involve the controlled wetting of material via water and/or surfactant to keep potential fibre inhalation of any minor residue of asbestos fibres to a minimum in accordance with the JIWG CAR-SOIL industry guidance and CAR 2012.

## 6. Control Measures

Control measures identified in the attached risk assessment will provide the minimum standard of compliance. Work will not start until RAMS are approved by STATOM GROUP. Upon approval and prior to commencement of the works all personnel will be briefed on the contents of this RAMS.

Competent management and supervision personnel will carry out the works to the required standard. They will ensure all plant and equipment is on site before works commence; is in good order and all physical safety control measures are in place.

All personnel will:

- Receive site specific induction prior to commencing work and will comply with all Site Rules which will be communicated to all personnel and visitors through Induction and Toolbox Talks.
- attend a briefing on the contents of this RAMS. A record of this briefing shall be kept.
- be trained, experienced and competent in the skills required to carry out the works outlined in this Method Statement and shall possess CPCS/NPORS/CSCS cards as appropriate.

All works will take place within a securely fenced/hoarded site environment. Areas which have not been cleared for operations should be barriered against entry pending investigation.

Site Manager will constantly monitor the works. Visiting Contracts and Safety Managers will also monitor works when present. STATOM GROUP will comply with the requirements of the client's Project Environmental Management Plan. Environmental aspects have been identified within the activity risk assessments and controlled as identified.

All operations to be performed in line with STATOM GROUP Covid-19 Safe systems of work, to comprise an enhanced and recorded cleaning protocol for all tools, plant and equipment, personal cleaning and social distancing guidelines, restrictions to travel, site attendance and operation.

## 7. Management of the Works

### 7.1 Supervision

The following personnel are responsible for these works:

- Head of Remediation - Sean Deloughery
- Site Manager - Danny Betsworth
- Site Foreman (Controlling the works) Tony Crane

### 7.2 Coordination with other contractors

The contents of this document are to be reviewed and amended and submitted to the client for review as appropriate. Where the method of work changes, the method statement must be revised and re-submitted for review. STATOM GROUP Site Manager will monitor compliance with this method statement and works will be monitored throughout the day as the manager is site-based.

Operations will be conducted in coordination with Client representatives and other trades. Site manager must manage coordination, planning and information sharing with these organisations and their representatives to ensure that all personnel working on this task are fully inducted, briefed and monitored to ensure safe working. All party RAMS must be reviewed by all stakeholder personnel. Use Collaborative working briefing document to plan and make a record of coordination activities.

# Asbestos soil Excavate and Disposal

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### 7.3 Emergency Arrangements

In case of injury, initial treatment should be provided by site first-aiders. Injured persons requiring further treatment should be taken to hospital by either site transport, or ambulance (dial 999).

Maintain high standards of housekeeping and site tidiness to ensure clear access should the emergency services be required.

Follow Safety Policy requirements for accident reporting Procedure. Report any incidents to Head of H&S: David Smith 07935 219627 All Incidents **must be** reported to the client

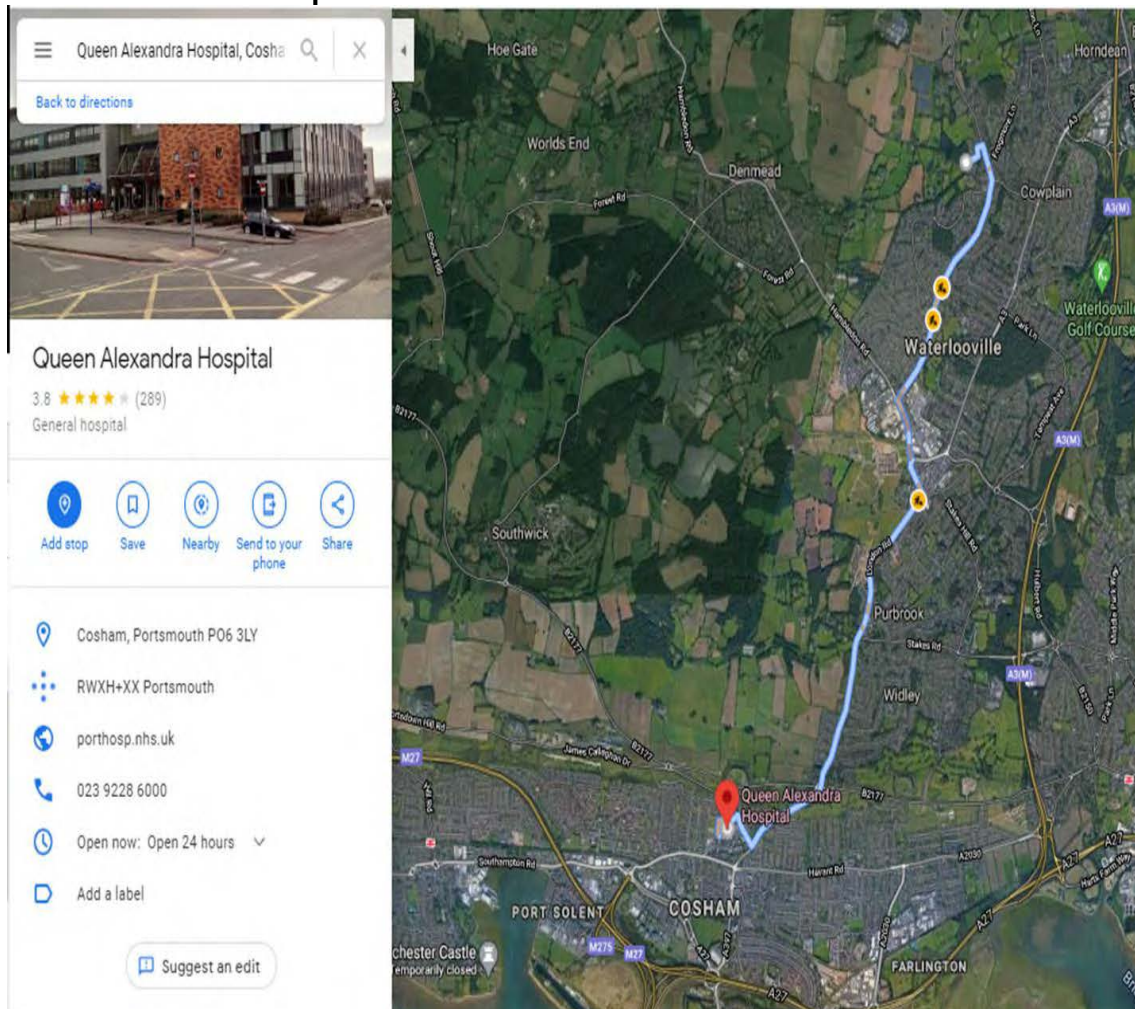
### 7.4 Emergency Contacts

|                             |                           |                               |
|-----------------------------|---------------------------|-------------------------------|
| Emergency services          | Police, Fire, Ambulance   | 999                           |
| Local healthcare providers  | Queen Alexandra Hospital  | 023 9228 6000                 |
| Health and Safety Executive | Construction division     | 020 7556 2100                 |
| Environmental regulator     | Environment Agency        | 0800 80 70 60                 |
| Local authority             | Portsmouth City Council   | 023 9282 2251                 |
|                             | Portsmouth Roads (OOH)    | 023 9231 0900                 |
|                             | Hampshire County council  | 0300 555 1375                 |
| Utilities                   | Portsmouth Water          | 023 9249 9888                 |
|                             | BT Openreach              | 0800 0232023 Opt 1            |
|                             | National Grid Electricity | 0800 404090                   |
|                             | National Grid Gas         | 0800 111999                   |
|                             | Virgin Media              | 08708 883113                  |
|                             | Vodafone                  | 08453 014123                  |
|                             | Sky<br>OUT OF HOURS       | 0207 0323250/<br>08000 273564 |

# Asbestos soil Excavate and Disposal

## EW90 RAMS 008 Rev01

### 7.5 Nearest Hospital:



## 8. Occupational Health & Safety Issues

### 8.1 COVID-19

All personnel must be inducted into STATOM GROUP systems for the management of contamination and control of virus transmission. Social distancing must be maintained in all cases where practicable, arrangement of works and facilities to be reviewed to facilitate this. Use of shared equipment must be limited and managed by site and equipment cleaning protocols. Plant users must perform cleaning and sanitation of equipment as part of daily safety inspection, and all equipment and surfaces must be left in clean condition.

### 8.2 Dust

All exposure to respirable dusts must be controlled as far as practicable; reduce dust produced by disturbing dry materials by use of water suppression methods.

Work should be organised so that operatives need not work in close proximity. Where work must be undertaken in areas of dust production, operatives should also wear RPE.

### 8.3 Noise

Operation of plant should not exceed exposure limits but can vary by task due to a number of variables and hearing protection must be available for personnel if required. Noise levels will be assessed by site manager per task and monitoring established if elevated noise levels are anticipated.

## 9. Location, Sequence & Work Method

Work will not commence until RAMS approved by STATOM GROUP. Upon approval and prior to commencement of the works all personnel will be briefed on the contents of this RAMS.

# Asbestos soil Excavate and Disposal

## EW90 RAMS 008 Rev01



**STATOM GROUP**  
REMEDIATION • GROUNDWORKS • STRUCTURES

### 9.1 Location

- Woodcroft Farm
- Works to be undertaken within the farmyard Phase 1B area Band C

### 9.2 Sequence

- Areas will be verified safe for access by STATOM GROUP personnel
- Decontamination unit and Heras fencing will be set up around works
- Assessment of the areas will be carried out prior to the excavation commencing, this will be to check that the excavator will not be tracking over any visible asbestos fragments
- Personnel and background reassurance monitoring will be set up.
- **In order to minimise potential fibre release and reduce exposure to the lowest levels reasonably practicable, on-site work methods will involve the controlled wetting of material via water and/or surfactant to keep potential inhalation of any minor residue of asbestos minimum in accordance with the JIWG CAR-SOIL industry guidance.**
- Excavated material will be loaded onto waiting 8-wheel lorries
- No visible fragments to be left exposed at the end of the working day

### 9.3 Method of Work

- Work will not commence until RAMS approved by STATOM GROUP. Upon approval and prior to commencement of the works all personnel will be briefed on the contents of this RAMS.
- All routes will be always be maintained in a clear and safe condition.
- Reassurance monitoring will be set up on the site boundaries at regular intervals during the works and records kept
- Personal monitoring will be carried out on the operatives during the works by use of dose monitors.
- A banksman will be required to back the tipper lorries when they are reversing on any part of the site
- The asbestos foreman will ensure that tipper lorries have their windows closed when they enter site and while they are being loaded, he will also make sure they leave the site safely and ensures wheels are jet washed
- Barriers will be erected around the works area to prevent others from entering the area and signage posted
- An excavator will excavate the contaminated area and load onto waiting lorries to remove off site and ensure sheets are covered.
- Water suppression will be used to control dust when the contaminated material is being excavated and loaded into waiting lorries.
- At the end of each day a competent person will remove their non-hazardous contaminated CAT3 type5/6 coveralls and gloves and RPE/FFP3 mask and dispose of in asbestos double bags and placed in the sealed skip.
- Records of waste removed from site will be in line with Statom Group sustainable management on construction site criteria. The records will be sent on a weekly basis to the principal contractor. Details of the haulier will be included within our safety plan and the designated site waste disposal receiving station will be identified.
- Each lorry load will be identified by specific logged waste certificate number.
- The arising's will be loaded by a 20-tonne excavator into the haulier's wagons and removed off site, whilst being loaded the asbestos operative will provide additional spraying surrounding area and lorry. The waste will then be sheeted and transported in a manner that eliminates the potential fibre release in accordance with hazardous waste Duty of Care.
- **Hold Point:** All disposal facilities permit, and waste carrier's details are to be obtained prior to spoil leaving site.
- Once the area has been excavated, we will obtain validations samples from the bases and faces of the excavation

### Process for identifying and dealing with ACM

# Asbestos soil Excavate and Disposal

## EW90 RAMS 008 Rev01



- At the start of the day all operatives will enter the decontamination unit through the clean area and change into a CAT 3 Type 5/6 disposable coverall, they will leave their Hi Vis and clean clothing in the clean area and pass through the decontamination unit and exit through the dirty area.
- The Trained Asbestos operative will observe from a safe distance and will scan the material as it is excavated. If he identifies any potential visible asbestos containing materials, he will liaise with the site supervisor and signal the driver to stop. When inspecting the debris pile clear communication with the plant operative will be maintained
- The Asbestos operative will give a clear signal to the excavator operator to stop by raising their arm with the palm facing the excavator, ensuring eye contact is made with the operator.
- Upon acknowledgement of the signal to stop the excavator will place the bucket of the machine on the ground and switch off the engine of the excavator. The excavator will cease operation and the operator will turn off and isolate his machine keeping his windows shut
- Once the engine has stopped the asbestos operative may enter the area. The operative will enter the area and inspect the Suspected Asbestos containing material, if visible asbestos is detected the operative will ask the operator to remove more material until they have excavated through the contaminated material until visually clean material is discovered
- If no visible Asbestos containing materials are observed the operative will communicate this to the Excavator operative, leave the area and the excavation will progress through the contaminated area.
- A stockpile of material will be placed within the asbestos area no more than 10 loads and will be loaded onto waiting lorries to be removed off site.
- The area will be segregated and fenced off using Heras panels and warning signage will be erected to identify the presence of asbestos contaminated materials within this area. Only persons suitably trained and wearing the correct PPE/RPE will be permitted to enter the area
- Once the area has been visually cleared soil samples will be retrieved for the excavation area, soil samples are to be securely packed within cool boxes and a chain of custody issued with the samples to the laboratory

| P.P.E. TASK RELATED      | Note: Site rules may require some PPE to be worn at all times ✓ Must be worn R Use is recommended |                                 |   |                                         |   |                                           |   |
|--------------------------|---------------------------------------------------------------------------------------------------|---------------------------------|---|-----------------------------------------|---|-------------------------------------------|---|
| Hard Hat<br>BSEN397:1995 | ✓                                                                                                 | FFP3 Half Mask<br>BSEN405       | ✓ | Standard Eye Protection<br>BSEN166:2002 | ✓ | Gloves EN388-CL3                          | ✓ |
| Safety Boots<br>BSEN345  | ✓                                                                                                 | FFP3 Dust Mask<br>BSEN149:2001  |   | Impact Resistant Eye<br>BSEN166-B:2002  |   | Waterproofs<br>BSEN473-3                  |   |
| High-vis<br>BSEN 471     |                                                                                                   | Ear Defenders<br>BSEN352-1:2002 | ✓ | Type 5/6 coveralls<br>asbestos          |   | Other as specified<br>by control measures | R |

- At the end of the day all operatives will enter through the dirty end decontamination unit and change and remove the Type 5/6 disposable coverall, they will leave then pass through the decontamination unit and exit through the clean area putting on their clean clothes and Hi Vis jacket.

# Asbestos soil Excavate and Disposal

## EW90 RAMS 008 Rev01

### 10. Appendix



**STATOM GROUP**  
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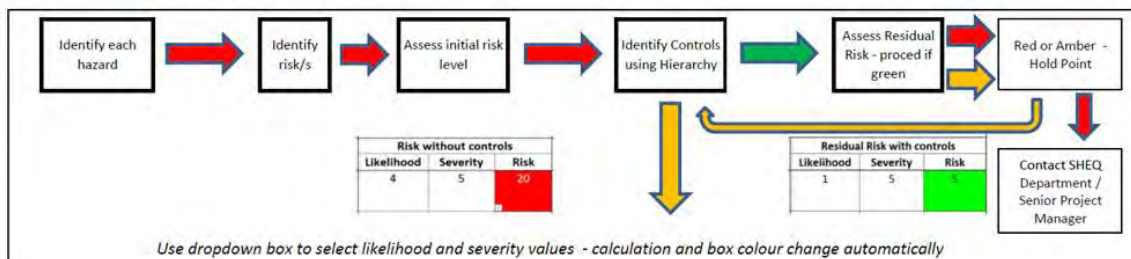
|                                                                                                                                                                                                                                                                                                                |                                                    |                                     |                                                                 |                                     |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------|-----------------------------------------------------------------|-------------------------------------|-------------------------------------|
| LOCATION / SITE                                                                                                                                                                                                                                                                                                | EW90 Woodcroft Farm                                |                                     |                                                                 |                                     |                                     |
| DESCRIPTION OF TASK                                                                                                                                                                                                                                                                                            | Stockpile Material Disposal / Material Segregation |                                     |                                                                 |                                     |                                     |
| INITIAL ASSESSMENT                                                                                                                                                                                                                                                                                             |                                                    |                                     |                                                                 |                                     |                                     |
| Can the operations be avoided, mechanised, automated at reasonable cost for the volume of works to be completed?                                                                                                                                                                                               |                                                    |                                     |                                                                 | YES - fully                         | NO or partial                       |
| Take action to eliminate and automate as much manual handling as possible; assess remaining manual handling tasks accordingly. If operations can be fully automated or mechanised, no further assessment is required. Proceed and monitor.                                                                     |                                                    |                                     |                                                                 |                                     |                                     |
| Do remaining manual handling operations present significant injury risk?                                                                                                                                                                                                                                       |                                                    |                                     |                                                                 | YES                                 | NO                                  |
| <ul style="list-style-type: none"> <li>Task is known to be hard work or high risk</li> <li>Task has a history of Manual Handling injuries</li> <li>Operatives show signs that they are finding the work hard</li> <li>Work area restricted/ access poor</li> </ul>                                             |                                                    |                                     |                                                                 | Complete assessment below           | No further assessment required      |
| FULL ASSESSMENT                                                                                                                                                                                                                                                                                                |                                                    |                                     |                                                                 |                                     |                                     |
| TASKS INVOLVE                                                                                                                                                                                                                                                                                                  | YES                                                | NO                                  | LOAD PROFILE                                                    | YES                                 | NO                                  |
| Stooping                                                                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/>                | <input type="checkbox"/>            | Bulky or unwieldy                                               | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Lifting high / low                                                                                                                                                                                                                                                                                             | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Hard to grip / slick                                            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Holding away from torso                                                                                                                                                                                                                                                                                        | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Hot or Cold                                                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Insufficient rest / imposed workrate                                                                                                                                                                                                                                                                           | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Heavy                                                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Repetitive actions                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/>                | <input type="checkbox"/>            | Light                                                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Reaching high / low                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/>                | <input type="checkbox"/>            | Sharp or abrasive surface or edges                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Carrying over distance                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/>                | <input type="checkbox"/>            | Unstable / shifting centre of gravity                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Twisting / bending sideways                                                                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/>                | <input type="checkbox"/>            | Eccentric shape                                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Strenuous pushing or pulling                                                                                                                                                                                                                                                                                   | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Comprised of multiple elements                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| WORKING ENVIRONMENT                                                                                                                                                                                                                                                                                            | YES                                                | NO                                  | INDIVIDUAL CAPABILITY / JOB;                                    | YES                                 | NO                                  |
| Hot, humid, cold, wet                                                                                                                                                                                                                                                                                          | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Poses additional hazard to;                                     |                                     |                                     |
| Excessive temperature or saturation                                                                                                                                                                                                                                                                            | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | -Those with medical conditions                                  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Windy / gusty                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | -Pregnant                                                       | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Dusty / Noisy / Vibrating                                                                                                                                                                                                                                                                                      | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | -Elderly or infirm                                              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Poor lighting                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Requires unusual capability                                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Obstructed / poor access                                                                                                                                                                                                                                                                                       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Needs special information/training                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Involve steps or slopes                                                                                                                                                                                                                                                                                        | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Requires use of specific PPE                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Confined spaces / restricted movement                                                                                                                                                                                                                                                                          | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | Movement or posture is hindered by clothing or PPE requirements | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Uneven surfaces / poor flooring                                                                                                                                                                                                                                                                                | <input checked="" type="checkbox"/>                | <input type="checkbox"/>            |                                                                 |                                     |                                     |
| RISK OF HARM BEFORE CONTROLS                                                                                                                                                                                                                                                                                   |                                                    |                                     |                                                                 |                                     |                                     |
| No significant risk                                                                                                                                                                                                                                                                                            |                                                    | Low Risk                            |                                                                 | Moderate Risk                       | Serious Risk                        |
| MANUAL HANDLING CONTROL MEASURES                                                                                                                                                                                                                                                                               |                                                    |                                     |                                                                 |                                     |                                     |
| Use temporary fill material to establish stable pathway if necessary<br>Use good manual handling practices when lifting<br>No heavy lifting of materials is anticipated.<br>Avoid repetitive strain my varying lifting posture. Use legs not back<br>Load weights – Variable, depending on material/s or waste |                                                    |                                     |                                                                 |                                     |                                     |
| RISK OF HARM WITH SPECIFIED CONTROLS; RESIDUAL RISK                                                                                                                                                                                                                                                            |                                                    |                                     |                                                                 |                                     |                                     |
| No significant risk                                                                                                                                                                                                                                                                                            |                                                    | Low Risk                            |                                                                 | Moderate Risk                       | Serious Risk                        |
| ASSESSOR SIGN OFF                                                                                                                                                                                                                                                                                              |                                                    |                                     |                                                                 |                                     |                                     |
| SIGN                                                                                                                                                                                                                                                                                                           |                                                    |                                     | POSITION                                                        | Compliance                          |                                     |
| NAME                                                                                                                                                                                                                                                                                                           | Perry Gregory                                      |                                     | DATE                                                            | 04/02/2021                          |                                     |

# Asbestos Soils Excavation and Disposal RAMS

## EW90 Woodcroft Farm RAMS 001 Rev01

### 11. Risk Assessment guidance

#### ASSESSMENT PROCESS



| Likelihood Rating Key: |            |                                                   |
|------------------------|------------|---------------------------------------------------|
| 5                      | Frequent   | [1 or more per week]                              |
| 4                      | Probable   | [1 per month]                                     |
| 3                      | Occasional | [1 per year]                                      |
| 2                      | Remote     | [1 in 10 years]                                   |
| 1                      | Improbable | [1 in 100 years]                                  |
|                        |            | "almost certain to happen" – "inevitable"         |
|                        |            | "very likely to happen" – "may not happen"        |
|                        |            | "likely to happen" – "may happen"                 |
|                        |            | "Unlikely to happen" – "there is the possibility" |
|                        |            | "Very unlikely" – "a remote possibility"          |

| Severity Rating Key: |          |                                                      |
|----------------------|----------|------------------------------------------------------|
| 5                    | Severe   | "catastrophic harm"                                  |
| 4                    | Critical | "Serious harm"                                       |
| 3                    | Serious  | "Significant harm"                                   |
| 2                    | Moderate | "Noticeable harm"                                    |
| 1                    | Minor    | "Minor harm"                                         |
|                      |          | Multiple or Single Fatality or Collapse of Structure |
|                      |          | Major Injury or Major Damage to Property - RIDDOR    |
|                      |          | Reportable: Lost Time / Significant Property Damage  |
|                      |          | Other Lost Time Injury or Damage to Property         |
|                      |          | Minor Injury                                         |

#### RISK REDUCTION HIERARCHY



Always try to select controls in

| SEVERITY | Severe                             | 5          | 5      | 10         | 15       | 20       | 25 |
|----------|------------------------------------|------------|--------|------------|----------|----------|----|
|          | Critical                           | 4          | 4      | 8          | 12       | 16       | 20 |
|          | Serious                            | 3          | 3      | 6          | 9        | 12       | 15 |
|          | Moderate                           | 2          | 2      | 4          | 6        | 8        | 10 |
|          | Minor                              | 1          | 1      | 2          | 3        | 4        | 5  |
|          | Severity x Likelihood = Risk level |            | 1      | 2          | 3        | 4        | 5  |
|          |                                    | Improbable | Remote | Occasional | Probable | Frequent |    |

#### RESIDUAL RISK RATING MATRIX KEY:

|                     |                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20 – 25<br>critical | Critical level of risk.<br>Hold Point- Do not start work. Risk level MUST be reduced.<br>Operations WILL NOT proceed until the level of risk is reduced to an acceptable level.<br>Requirement for the works to be reviewed and alternative working methodologies proposed where risk cannot be reduced to an acceptable level.<br>Contact HSEQ Manager                                                    |
| 10-19<br>major      | Major risk level. Higher than acceptable. Additional controls or systems needed to bring likelihood to a lower level. Look for alternative methodologies.<br>No working without Permit system and full-time expert supervision.<br>Works must be approved by HSEQ Manager before proceeding.                                                                                                               |
| 5-9<br>moderate     | Risks tolerable where principles of prevention have been applied and control measures implemented to reduce risk so far as is reasonably practicable. Activity, operation or works creating the hazard and risk must be managed and supervised to ensure continued effectiveness and compliance with the control measures.<br>Permit systems may be mandatory. Contact HSEQ and try to lower risks further |
| 2-4<br>Minor        | Acceptable level of risk. Risk associated with the hazard is considered to be of an acceptable level. Continual reviews to confirm hazards and risks remain adequately controlled. Proceed with managed controls                                                                                                                                                                                           |
| 1<br>minimal        | Lowest possible level of risk. Ideal risk rating with lowest possible chance of occurrence and minimal severity. Works proceed with managed controls.                                                                                                                                                                                                                                                      |

| D<br>P | LIKELIHOOD |        |            |          | PERSONS EXPOSED | STATOM GROUP & Site personnel |
|--------|------------|--------|------------|----------|-----------------|-------------------------------|
|        | Improbable | Remote | Occasional | Probable |                 |                               |

| Risk Category | Potential Hazard / Harm | Uncontrolled L x S = Risk | Control Measures | After Control L x S = Risk |
|---------------|-------------------------|---------------------------|------------------|----------------------------|
|---------------|-------------------------|---------------------------|------------------|----------------------------|

# Asbestos Soils Excavation and Disposal RAMS

## EW90 Woodcroft Farm RAMS 001 Rev01

|                        |                                                                                                                                                | L | S | R  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | L | S | R |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Use of driven plant    | Improper use, plant/personnel interface, contact with other plant/buried and overhead services, overturning – Personal injury/property damage. | 5 | 5 | 25 | Operators to hold CPC/SPORS card. Operate m/c to manufacturer recommendations, including servicing and maintenance. Plant to be in good working order no defects.<br>When in use, operator to wear seat-belt. Keep plant away from excavation edges.<br>When not in use, switch off engine, remove key, and lock cab. Use 3 points of contact when mounting and dismounting all vehicular plant. Clean handholds and steps.<br>Follow designated traffic routes. Keep plant away from excavation edges.<br>Record weekly PUWER/PLANT inspections. | 1 | 5 | 5 |
| Use of excavators      |                                                                                                                                                | 4 | 5 | 20 | Current 12-monthly Thorough Examination certificate to be available on site for m/c and any fitted quick-hitch. Where quick hitch fitted; operator to be proficient in its use and aware of procedures to follow.<br>Operator to carry out daily checks and weekly inspection recording inspection results on LOLER form in site register.                                                                                                                                                                                                        | 1 | 5 | 5 |
| General access         | Slips trips and falls, accidental contact with plant and equipment - personal injury                                                           | 3 | 3 | 9  | Store all materials in orderly manner in designated areas.<br>Keep work and storage areas clear, clean and tidy.<br>Maintain provided access routes in good condition with no obstructions. Assess access routes and make good with temporary fill if required to establish secure surface                                                                                                                                                                                                                                                        | 1 | 3 | 3 |
| General work activity  | Interface with personnel - personal injury, property damage                                                                                    | 3 | 3 | 9  | Erect barriers and signs to prevent personnel getting too close to processing areas and stockpile edges<br>Keep area clear and tidy.<br>Advise personnel using warning signs and personal contact.                                                                                                                                                                                                                                                                                                                                                | 1 | 3 | 3 |
| Mobile plant movements | Personnel and mobile plant interface – Personal injury, property damage                                                                        | 4 | 5 | 20 | Warning signs as necessary.<br>All operatives wear Hi-vis and use hazard beacons on plant. Where practicable, establish segregated pedestrian walkways<br>Keep behind barriers where possible. STATOM GROUP personnel to use “Thumbs Up” to pass m/c.                                                                                                                                                                                                                                                                                             | 1 | 5 | 5 |

| Risk Category                                       | Potential Hazard / Harm                                                                                                                 | Uncontrolled<br>L x S = Risk |   |    | Control Measures                                                                                                                                                                                                                                                                                                                                                                     | After Control<br>L x S = Risk |   |   |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|---|
|                                                     |                                                                                                                                         | L                            | S | R  |                                                                                                                                                                                                                                                                                                                                                                                      | L                             | S | R |
| Working with substances hazardous to health (CoSHH) | Cement dust, wet cement, diesel and machine lubricants - Dermatitis, chemical burns and possibly irreversible chronic effects. Asbestos | 4                            | 5 | 20 | Store substances in accordance with manufacturer recommendations.<br>Eliminate/substitute with safer alternative where possible.<br>All substances and materials must be accompanied by CoSHH assessment / SDS and such reviewed before use.<br>Wear specified PPE/RPE. Eyewash must be made available<br>Comply with other requirements, e.g. washing facilities/ eyewash stations. | 1                             | 5 | 5 |
| General Manual Handling                             | Muscular and skeletal disorders – Personal injury, property damage                                                                      | 4                            | 4 | 16 | Use mechanical aids wherever possible, e.g. excavator.<br>Instruct/train personnel in kinetic/team lifting techniques.<br>Where MH must be used, adhere to MAC chart. Review existing MH Assessments and perform further as required. Perform dynamic assessment of all minor tasks.                                                                                                 | 1                             | 4 | 4 |

# Asbestos Soils Excavation and Disposal RAMS

## EW90 Woodcroft Farm RAMS 001 Rev01

|                                           |                                                                                                                |   |   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------|---|---|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Covid-19 & other health hazards           | Risk of contamination leading to infection                                                                     | 4 | 5 | 20 | All personnel to follow STATOM GROUP Social distancing and sanitation guidelines. Wipe down all touch surfaces between use.<br>Good hygiene always required. Potential contact with contaminated materials No smoking, eating or drinking except in designated welfare unit. Wash hands prior to eating or smoking in designated area. Good housekeeping required at all times.<br>Suitable and sufficient welfare must be provided to allow thorough handwashing and hygiene to be maintained. | 1 | 5 | 5 |
| Working in noise levels 85dB(A) and above | Nuisance, noise pollution – Risk in an emergency, lack of concentration, noise induced hearing loss, Tinnitus. | 4 | 4 | 16 | Determine noise levels, by active measurement where levels are high. Consider others affected by work.<br>All equipment to be in good order, serviced and muffled where possible.<br>Hearing protection to be available for levels reaching 80 dB(A). Must be worn at levels reaching 85 dB(A). Instruct/train personnel on correct use of protection.                                                                                                                                          | 1 | 4 | 4 |

# Asbestos Soils Excavation and Disposal RAMS EW90 RAMS 008 Rev01



## 13. Acknowledgement Register

The following persons have been briefed on the content of this Method Statement and Risk Assessment, have signed to confirm that they understand and will work to the requirements of this safe system of work.

[illegible]

# **APPENDIX E**

## **Disposal Log / Tickets**

## Statom Disposal Spreadsheet

| Date       | Statom Site Name and number | Client       | Statom Conveyance note No | Hauliers Name   | Hauliers waste carriers | Vehicle Index | EW Code | Description          | Classification                 | Disposal Facility name  | Disposal Facility Permit number | Hazardous Consignment Note Number |
|------------|-----------------------------|--------------|---------------------------|-----------------|-------------------------|---------------|---------|----------------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|
| 07/04/2021 | Lovedean EW90               | Linden Homes | 1126                      | Clwyd Transport | CBDU3337                | BD20 MJX      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV024                      |
| 07/04/2021 | Lovedean EW90               | Linden Homes | 1127                      | Clwyd Transport | CBDU3337                | BX70 HTF      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV025                      |
| 07/04/2021 | Lovedean EW90               | Linden Homes | 1128                      | Clwyd Transport | CBDU3337                | PO65 ULU      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV026                      |
| 07/04/2021 | Lovedean EW90               | Linden Homes | 1129                      | Clwyd Transport | CBDU3337                | PK64 YDR      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV027                      |
| 07/04/2021 | Lovedean EW90               | Linden Homes | 1130                      | Clwyd Transport | CBDU3337                | MX18 EWN      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV028                      |
| 07/04/2021 | Lovedean EW90               | Linden Homes | 1131                      | Clwyd Transport | CBDU3337                | BD20 MJX      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV029                      |
| 08/04/2021 | Lovedean EW90               | Linden Homes | 1132                      | Clwyd Transport | CBDU3337                | BD20 MJX      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV030                      |
| 08/04/2021 | Lovedean EW90               | Linden Homes | 1133                      | Clwyd Transport | CBDU3337                | PE18 NDK      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV031                      |
| 08/04/2021 | Lovedean EW90               | Linden Homes | 1134                      | Clwyd Transport | CBDU3337                | BX70 HTF      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV032                      |
| 08/04/2021 | Lovedean EW90               | Linden Homes | 1135                      | Clwyd Transport | CBDU3337                | MX18 EWN      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV033                      |
| 08/04/2021 | Lovedean EW90               | Linden Homes | 1136                      | Clwyd Transport | CBDU3337                | PK64 YDR      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV034                      |
| 08/04/2021 | Lovedean EW90               | Linden Homes | 1137                      | Clwyd Transport | CBDU3337                | PO65 ULU      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV035                      |
| 08/04/2021 | Lovedean EW90               | Linden Homes | 1138                      | Clwyd Transport | CBDU3337                | MX18 EWN      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV036                      |
| 09/04/2021 | Lovedean EW90               | Linden Homes | 1139                      | Clwyd Transport | CBDU3337                | BD20 MJX      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV037                      |
| 09/04/2021 | Lovedean EW90               | Linden Homes | 1140                      | Clwyd Transport | CBDU3337                | MX19 EVY      | 170503  | soil+stone hazardous | Hazardous - Treatment Facility | Horseley Fields WV1 3DT | EPR/BP3331DD                    | STATOM/LV038                      |



CONTROLLED WASTE TRANSFER NOTE No:

1126

## REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

## REGISTRATION OF VEHICLE

7-4-20  
BD20 MJX

## CUSTOMER (Current holder of the waste)

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOVEDEAN PO8 9UB

## DESCRIPTION OF WASTE COLLECTED

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

## WASTE CLASSIFICATION

## DISPOSAL OPTION

## DISPOSAL FACILITY

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:  
HORSELEY  
FIELDS  
LN1 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

## LOAD VOLUME

- ☒ 6-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

HAULIER NAME:

CLWYD TRANSPORT

TIME OFF SITE:

SIGNATURE:

## CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

PRINT NAME

TONY CRANE

## DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE



# STATOM GROUP

REMEDATION • GROUNDWORKS • STRUCTURES

SITE COPY

## CONTROLLED WASTE TRANSFER NOTE No:

1126

### REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

### REGISTRATION OF VEHICLE

7-4-20  
BD20 MJX

### CUSTOMER (Current holder of the waste)

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOVEDEAN PO8 9413

### DESCRIPTION OF WASTE COLLECTED

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE                                      |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 01 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 01 07 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

### WASTE CLASSIFICATION

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

### DISPOSAL OPTION

- |                                                 |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> RESTORATION            | <input type="checkbox"/> HAZARDOUS LANDFILL     |
| <input type="checkbox"/> INERT                  | <input type="checkbox"/> TREATMENT FACILITY     |
| <input type="checkbox"/> NON-HAZARDOUS LANDFILL | <input type="checkbox"/> WASTE TRANSFER STATION |
| <input type="checkbox"/> SNRHW CELL             |                                                 |

### DISPOSAL FACILITY

NAME:

HORSELEY  
FIELDS  
LNI 3DT

### HOW IS THE WASTE CONTAINED?

Loose

### SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE

- ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

LOAD VOLUME

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

TIME OFF SITE:

HAULIER NAME:

CLWYD TRANSPORT

SIGNATURE:

### CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

PRINT NAME

TONY CRANE

### DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE

# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV0214**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
**Michael Gillman**
- 3 The waste will be taken to (name, address and postcode):  
**Dunton Technologies**  
**Lower Horseley Fields, WV1 3DT**  
**Tel: 01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291**

## PART B Description of the waste

If continuation sheet used tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **39.00**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)
- | Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>170605*</b><br><b>170504</b>      | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |
- The information given below is to be completed for each EWC identified
- | EWC code       | UN identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|----------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>170605*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>170504</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

## PART D Consignor's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

**Antony Shaw 1**

- 1 Carrier name: **Ciwyd Transport**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Ciwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

- 2 Carrier registration no./reason for exemption: **CBDU3337**

- 3 Vehicle registration no. (or mode of transport, if not road):

**B020MSX**

Signature **A. Shaw**

Date **07042021**

Time **0800**

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**Same as A4**

Signature **A. Crane**

Date **07042021**

Time **0755**

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|

- 1 I received this waste at the address given in A3 on:

Date

Time

- 2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

- 3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date

Time



CONTROLLED WASTE TRANSFER NOTE No:

1127

## REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

## REGISTRATION OF VEHICLE

7-4-20  
BX70 HTF

## CUSTOMER (Current holder of the waste)

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOUEDEAN POB 9413

## DESCRIPTION OF WASTE COLLECTED

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

## WASTE CLASSIFICATION

## DISPOSAL OPTION

## DISPOSAL FACILITY

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:  
HORSELEY  
FIELDS  
LM 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.202/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

## LOAD VOLUME

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

HAULIER NAME:

CLWYD TRANSPORT

TIME OFF SITE:

SIGNATURE:

## CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

PRINT NAME

TONY CRANE

## DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1127

## REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

## REGISTRATION OF VEHICLE

7-4-20  
BX70 HTF

## CUSTOMER (Current holder of the waste)

NAME:

SITE ADDRESS (Place of transfer)

STATOM

LOVEDEAN POB 94 B

## DESCRIPTION OF WASTE COLLECTED

- |                                                                      |                                                                        |
|----------------------------------------------------------------------|------------------------------------------------------------------------|
| <input type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                      | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                             | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04    | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01              |                                                                        |

## WASTE CLASSIFICATION

## DISPOSAL OPTION

## DISPOSAL FACILITY

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:

HORSELEY  
FIELDS  
LM 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

## LOAD VOLUME

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

HAULIER NAME:

CLWYD TRANSPORT

TIME OFF SITE:

SIGNATURE:

## CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

PRINT NAME

TONY CRANE

## DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE

# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV 025**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
 Michael Gillman
- 3 The waste will be taken to (name, address and postcode):  
 Dunton Technologies  
 Lower Horseley Fields, WV1 3DT  
**Tel: 01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
 Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291

## PART B Description of the waste

# continuation sheet used: tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **39.00**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)
- | Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>170605*</b>                       | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |
|                                                  | <b>170504</b>                        |               |                                                                                            |                            |                                                             |                 |                                 |
- The information given below is to be completed for each EWC identified
- | EWC code       | UN identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|----------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>170605*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>170504</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

/

- 1 Carrier name: **Ciwyd Transport**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Ciwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

- 2 Carrier registration no./reason for exemption: **CBDU3337**

- 3 Vehicle registration no. (or mode of transport, if not road): **BXT0 LTF**

Signature

Date **07042021**

Time

## PART D Consignor's Certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**Same as A4**

Signature

Date **07042021**

Time **0913**

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|                                 |                                    |                            |                                          |

- 1 I received this waste at the address given in A3 on:

Date

Time

- 2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

- 3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date

Time



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1128

## REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

## REGISTRATION OF VEHICLE

4-7-4-21  
PO65 UL4

## CUSTOMER (Current holder of the waste)

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOVEDEAN PO894B

## DESCRIPTION OF WASTE COLLECTED

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

## WASTE CLASSIFICATION

## DISPOSAL OPTION

## DISPOSAL FACILITY

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:

MORSELEY  
FIELDS  
LN1 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

## LOAD VOLUME

- ☒ 6-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

GARETH JONES

HAULIER NAME:

CLWYD TRANSPORT

TIME OFF SITE: 12.30

SIGNATURE:

## CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

PRINT NAME TONY CRANE

## DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE



CONTROLLED WASTE TRANSFER NOTE No:

1128

## REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

## REGISTRATION OF VEHICLE

4-7-4-21

PO65 UL4

## CUSTOMER (Current holder of the waste)

NAME:

SITE ADDRESS (Place of transfer)

STATOM

LOVEDEAN PO894B

## DESCRIPTION OF WASTE COLLECTED

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

## WASTE CLASSIFICATION

## DISPOSAL OPTION

## DISPOSAL FACILITY

☐ NON-HAZARDOUS☐ RESTORATION☐ HAZARDOUS LANDFILL

NAME:

☒ HAZARDOUS (if hazardous, the load will require a consignment note also)☐ INERT☒ TREATMENT FACILITYHORSELEY  
FIELDS  
LN1 3DT☐ NON-HAZARDOUS  
LANDFILL☐ WASTE TRANSFER  
STATION☐ SNRHW CELL

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:☐ 38.2 Waste treatment & disposal☒ 39.0 Remediation activities☐ 41.20/1 Construction of commercial buildings☐ 41.202/2 Construction of domestic buildings☐ Other

## LOAD VOLUME

☐ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

HAULIER NAME:

GARETH JONES

CLWYD TRANSPORT

TIME OFF SITE: 12 30

SIGNATURE:

## CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

PRINT NAME

TONY CRANE

## DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE

# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV 026**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
**Michael Gillman**
- 3 The waste will be taken to (name, address and postcode):  
**Dunton Technologies**  
**Lower Horseley Fields, WV1 3DT**  
**Tel: 01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291**

## PART B Description of the waste

if continuation sheet used, tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **39.00**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)
- | Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>170605*</b>                       | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |
|                                                  | <b>170504</b>                        |               |                                                                                            |                            |                                                             |                 |                                 |
- The information given below is to be completed for each EWC identified
- | EWC code       | UN identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|----------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>170605*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>170504</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

## PART D Consignor's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

/

- 1 Carrier name: **Clwyd Transport**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Clwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

- 2 Carrier registration no./reason for exemption: **CBDU3337**

- 3 Vehicle registration no. (or mode of transport, if not road): **P065 UCU**

Signature

Date **07042021** Time **1215**

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**Same as A4**

Signature

Date **07042021** Time **1215**

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

- | Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|                                 |                                    |                            |                                          |

- 1 I received this waste at the address given in A3 on:

Date

Time

- 2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

- 3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date

Time

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**CONTROLLED WASTE TRANSFER NOTE No:**

④

REGISTRATION OF VEHICLE

7-4-21

PK64 YDR

1129

**CUSTOMER (Current holder of the waste)**  
NAME:

STATOM

**SITE ADDRESS (Place of transfer)**

LOVEDEAN POB 9413

**DESCRIPTION OF WASTE COLLECTED**

- ☒ SOIL & STONES Hazardous Substances 17 05 03  
☐ SOIL & STONES 17 05 04  
☐ BRICKS 17 01 02  
☐ MIXED CONSTRUCTION & DEMO WASTE 17 09 04  
☐ MIXED MUNICIPAL WASTE 20 03 01  
☐ CONCRETE  
☐ MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 01  
☐ BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 01 07  
☐ OTHER.....EWC CODE..... 17 03 02

**WASTE CLASSIFICATION**

- ☐ NON-HAZARDOUS  
☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

**DISPOSAL OPTION**

- ☐ RESTORATION  
☐ INERT  
☐ NON-HAZARDOUS LANDFILL  
☐ SNRHW CELL  
☐ HAZARDOUS LANDFILL  
☒ TREATMENT FACILITY  
☐ WASTE TRANSFER STATION

**DISPOSAL FACILITY**  
NAME:

MORSELEY  
FIELDS  
LNI 3DT

**HOW IS THE WASTE CONTAINED?**

Loose

**SIC Number:**

- ☐ 38.2 Waste treatment & disposal  
☒ 39.0 Remediation activities  
☐ 41.20/1 Construction of commercial buildings  
☐ 41.202/2 Construction of domestic buildings  
☐ Other

**IF NOT LOOSE** ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

Ryan Ellis

**TIME OFF SITE:**

**HAULIER NAME:**

CLWYD TRANSPORT

**SIGNATURE:**

Ryan Ellis

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**

TONY CRANE

**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**SIGNATURE**

**ADDRESS**

**PRINT NAME**

**DATE**

CONTROLLED WASTE TRANSFER NOTE No:

1129

REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

REGISTRATION OF VEHICLE

7-4-21  
PK64 YDR

CUSTOMER (Current holder of the waste)

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOVEDEAN PO8 94B

DESCRIPTION OF WASTE COLLECTED

- |                                                                      |                                                                        |
|----------------------------------------------------------------------|------------------------------------------------------------------------|
| <input type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                      | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                             | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04    | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01              |                                                                        |

WASTE CLASSIFICATION

DISPOSAL OPTION

DISPOSAL FACILITY

☐ NON-HAZARDOUS

☐ RESTORATION

☐ HAZARDOUS LANDFILL

NAME:

☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

☐ INERT

☐ TREATMENT FACILITY

MORSELEY  
FIELDS  
LN1 3DT

☐ NON-HAZARDOUS LANDFILL

☐ WASTE TRANSFER STATION

☐ SNRHW CELL

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.202/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

LOAD VOLUME

- ☐ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

Ryan Ellis

HAULIER NAME:

CLWYD TRANSPORT

TIME OFF SITE:

SIGNATURE:

Ryan Ellis

CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste

SIGNATURE

Anthony Crane

PRINT NAME

TONY CRANE

DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE

# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV 0217**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
 Michael Gillman
- 3 The waste will be taken to (name, address and postcode):  
 Dunton Technologies  
 Lower Horseley Fields, WV1 3DT  
 Tel: **01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
 Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291

## PART B Description of the waste

if continuation sheet used, tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation** 2 SIC (2007) for the process giving rise to the waste: **39.00**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)
- | Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>170605*</b><br><b>170504</b>      | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |
- The information given below is to be completed for each EWC identified
- | EWC code       | UN identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|----------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>170605*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>170504</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

## PART D Consignor's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

1 Carrier name: **Ciwyd Transport**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Ciwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

2 Carrier registration no./reason for exemption: **CBDU3337**

3 Vehicle registration no. (or mode of transport, if not road):

Signature *Ryan Ellis*

Date **07042021**

Time

Signature *[Signature]*

Date **07042021**

Time **2 15 PM**

Same as A4

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|                                 |                                    |                            |                                          |

1 I received this waste at the address given in A3 on:

Date

Time

2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date

Time



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1130

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**REGISTRATION OF VEHICLE**

7-4-21  
MX18 EUN

**CUSTOMER (Current holder of the waste)**

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOVEDEAN PO8 9UB

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:

HORSELEY  
FIELDS  
LN1 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

R. H. C. C.

**HAULIER NAME:**

CLWYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**

[Signature]

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**

[Signature]

**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**ADDRESS**

**SIGNATURE**

**PRINT NAME**

**DATE**



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1130

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

**REGISTRATION OF VEHICLE**

7-4-21  
MX18 EUN

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**CUSTOMER (Current holder of the waste)**

NAME:

SITE ADDRESS (Place of transfer)

STATOM

LOVEDEAN PO8 9UB

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                      |                                                                        |
|----------------------------------------------------------------------|------------------------------------------------------------------------|
| <input type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                      | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                             | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04    | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01              |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

☐ NON-HAZARDOUS

☐ RESTORATION

☐ HAZARDOUS LANDFILL

NAME:

☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

☐ INERT

☒ TREATMENT FACILITY

☐ NON-HAZARDOUS LANDFILL

☐ WASTE TRANSFER STATION

☐ SNRHW CELL

HORSELEY  
FIELDS  
LN1 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal  
☒ 39.0 Remediation activities  
☐ 41.20/1 Construction of commercial buildings  
☐ 41.202/2 Construction of domestic buildings  
☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

HAULIER NAME:

TIME OFF SITE:

SIGNATURE:

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

PRINT NAME

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE

# CONVEYANCE NOTE

270297

Weight & Measures Act 1985, Schedule 4, Paragraph 7

## Clwyd Transport Services Ltd

Clwyd House, Blackwood Business Park, Ash Road South, Wrexham LL13 9UG

Tel: (01978) 660022 Fax: (01978) 664235

Mob: 07836 573891 / 07860 937896 / 07812 979151 / 07812 972743

E-mail: info@clwydtransport.co.uk Web: www.clwydtransport.co.uk / www.needaload.co.uk

VAT Reg. No. 790 5366 08

Waste Carrier Reg No. CBDU3337

|                                                     |                                                          |
|-----------------------------------------------------|----------------------------------------------------------|
| LOADED AT<br><u>STATION</u><br><u>WATERLOOVILLE</u> | DATE & TIME OF LEAVING PLACE OF LOADING<br><u>7-4-21</u> |
|-----------------------------------------------------|----------------------------------------------------------|

Delivery to.....DUNTOU  
at.....WOLVERHAMPTON

|                                              |                                                  |
|----------------------------------------------|--------------------------------------------------|
| REGISTERED No. OF VEHICLE<br><u>LX 18 GW</u> | NAME OF PERSON IN CHARGE OF VEHICLE<br><u>LM</u> |
|----------------------------------------------|--------------------------------------------------|

|                                                  |
|--------------------------------------------------|
| DESCRIPTION OF MATERIAL<br><u>HAZARDOUS SOIL</u> |
|--------------------------------------------------|

| GROSS WEIGHT OF VEHICLE AT WEIGHBRIDGE             | TONNES | Kg |
|----------------------------------------------------|--------|----|
| TARE WEIGHT OF VEHICLE.....<br><u>1 x 8 W LOAD</u> |        |    |
| NET WEIGHT                                         |        |    |

| DAY HIRE             | A.M. | P.M. | HOURS |
|----------------------|------|------|-------|
| Commenced Hire ..... |      |      |       |
| Completed Hire ..... |      |      |       |
| Total Hours.....     |      |      |       |

Received by.....

Certified that the above particulars are true and relate to the load being conveyed in the vehicle described which the load is being carried in pursuance of a sale or an agreement for the sale thereof made by weight.

Signed for and on

behalf of seller TONY CRANE Date 7-4-21

Customer ordering vehicles off the public roads do so entirely on their own responsibility



# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV028**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
 Michael Gillman
- 3 The waste will be taken to (name, address and postcode):  
 Dunton Technologies  
 Lower Horseley Fields, WV1 3DT  
 Tel: **01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
 Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291

## PART B Description of the waste

if continuation sheet used, tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **39.00**

### 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

| Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>170605*</b><br><b>170504</b>      | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |

The information given below is to be completed for each EWC identified

| EWC code       | UN identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|----------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>170605*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>170504</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

## PART D Consignor's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

1 Carrier name: **Chwyd Transport**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Chwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

2 Carrier registration no./reason for exemption: **CBDU3337**

3 Vehicle registration no. (or mode of transport, if not road): **MX18EW**

Signature 

Date **07042021** Time **11:00**

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**Same as A4**

Signature 

Date **07042021** Time **3:20 PM**

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|

1 I received this waste at the address given in A3 on:

Date

Time

2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date

Time



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1131

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**REGISTRATION OF VEHICLE**

4-7-21

BD20 MTX

**CUSTOMER (Current holder of the waste)**

**NAME:**

STATOM

**SITE ADDRESS (Place of transfer)**

LOVE DEAN PO8 9UB

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

☐ NON-HAZARDOUS

☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

☐ RESTORATION

☐ INERT

☐ NON-HAZARDOUS LANDFILL

☐ SNRHW CELL

☐ HAZARDOUS LANDFILL

☒ TREATMENT FACILITY

☐ WASTE TRANSFER STATION

**NAME:**

HORSELEY  
FIELD  
LN1 3BT

**HOW IS THE WASTE CONTAINED?**

Loose

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**SIC Number:**

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

**LOAD VOLUME**

☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

**HAULIER NAME:**

CLUYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**

**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**ADDRESS**

**SIGNATURE**

**PRINT NAME**

**DATE**

CONTROLLED WASTE TRANSFER NOTE No:

1131

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

REGISTRATION OF VEHICLE

4-7-21  
BD20 MJX

**CUSTOMER (Current holder of the waste)**

|                        |                                                               |
|------------------------|---------------------------------------------------------------|
| <b>NAME:</b><br>STATOM | <b>SITE ADDRESS (Place of transfer):</b><br>LOVE DEAN PO8 9UB |
|------------------------|---------------------------------------------------------------|

**DESCRIPTION OF WASTE COLLECTED**

|                                                                      |                                                                        |
|----------------------------------------------------------------------|------------------------------------------------------------------------|
| <input type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                      | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                             | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04    | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01              |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

|                                                                                                             |                                                 |                                                        |                                               |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> NON-HAZARDOUS                                                                      | <input type="checkbox"/> RESTORATION            | <input type="checkbox"/> HAZARDOUS LANDFILL            | <b>NAME:</b><br>HORSELEY<br>FIELDS<br>LNI 3DT |
| <input checked="" type="checkbox"/> HAZARDOUS (if hazardous, the load will require a consignment note also) | <input type="checkbox"/> INERT                  | <input checked="" type="checkbox"/> TREATMENT FACILITY |                                               |
|                                                                                                             | <input type="checkbox"/> NON-HAZARDOUS LANDFILL | <input type="checkbox"/> WASTE TRANSFER STATION        |                                               |
|                                                                                                             | <input type="checkbox"/> SNRHW CELL             |                                                        |                                               |

**HOW IS THE WASTE CONTAINED?**

Loose

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**SIC Number:**

|                                                                       |
|-----------------------------------------------------------------------|
| <input type="checkbox"/> 38.2 Waste treatment & disposal              |
| <input checked="" type="checkbox"/> 39.0 Remediation activities       |
| <input type="checkbox"/> 41.20/1 Construction of commercial buildings |
| <input type="checkbox"/> 41.20/2 Construction of domestic buildings   |
| <input type="checkbox"/> Other                                        |

**LOAD VOLUME**

☐ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

**HAULIER NAME:**

AL. CLWYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE *A. Crane* PRINT NAME TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

|                  |                   |             |
|------------------|-------------------|-------------|
| <b>NAME</b>      | <b>ADDRESS</b>    |             |
| <b>SIGNATURE</b> | <b>PRINT NAME</b> | <b>DATE</b> |

**The Hazardous Waste Regulations 2005:** Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

**Part A Notification details**

1 Consignment note code: **S T A T O M / L V 0 2 9**

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Love Dean, PO8 9UB**  
**01322 303291**  
**Michael Gillman**

3 The waste will be taken to (name, address and postcode):  
**Dunton Technologies**  
**Lower Horseley Fields, WV1 3DT**  
**Tel: 01902456905**

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291**

**Part B Description of the waste**

1 The process giving rise to the waste(s) was: **Excavation**

2 SIC (2007) for the process giving rise to the waste **3 9 . 0 0**

3 **WASTE DETAILS** (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

| Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are: | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard (Code(s)) | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|-------------------------------------------------------------------------------|-------------------------------------------------------------|------------------|---------------------------------|
| Soils and stones with visible asbestos fragments | 1 7 0 6 0 5                          | 18,000        | Asbestos                                                                      | Solid                                                       | HP5, HP7         | 8 wheeler                       |
|                                                  | 1 7 0 5 0 4                          |               |                                                                               |                                                             |                  |                                 |
|                                                  | N/A                                  |               |                                                                               |                                                             |                  |                                 |
|                                                  | N/A                                  |               |                                                                               |                                                             |                  |                                 |
|                                                  | N/A                                  |               |                                                                               |                                                             |                  |                                 |
|                                                  | N/A                                  |               |                                                                               |                                                             |                  |                                 |

**Part C Carrier's Certificate**

1 Carrier name: **Chwyd Transport**  
On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Chwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**  
**CBDU3337**

2 Carrier registration no./reason for exemption: **A-8**

3 Vehicle registration no. (or mode of transport, if not road): **B220 M5X**

Signature: **[Signature]**  
Date: **07042021**  
Time: **1600**

Where this note comprises of a multiple collection the round number and collection number are:  
**1**  
**STOM 51**

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)  
I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

**Part D Consignor's Certificate**

I certify that the information in A1, A3 and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Same as A4**

Signature: **[Signature]**  
Date: **07042021**  
Time: **345 PM**

**Part E Consignee's certificate** (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received: **170605**  
Quantity of each EWC received (kg): **18,000**  
EWC code accepted/rejected: **170504**  
Waste management operation (R or D code): **170504**

1 I received this waste at the address given in A3 on:  
Date: **07042021**  
Time: **1600**

2 Vehicle registration no. (or mode of transport if not road): **B220 M5X**

3 Where waste is rejected please provide details:  
On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Same as A4**

Signature: **[Signature]**  
Date: **07042021**  
Time: **345 PM**

4 I certify that waste permit/exempt waste operation number: **170504**

5 I certify that the management of the waste described in B at the address given in A4 as identified in Part C, I certify that the total number of consignments forming the collection are: **1**



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

19450

1132

REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

⑦

\*

REGISTRATION OF VEHICLE

8-4-20  
BD20 MJX

CUSTOMER (Current holder of the waste)

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOUEDEAN PO8 94B

DESCRIPTION OF WASTE COLLECTED

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

WASTE CLASSIFICATION

DISPOSAL OPTION

DISPOSAL FACILITY

☐ NON-HAZARDOUS

☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

☐ RESTORATION

☐ INERT

☐ NON-HAZARDOUS LANDFILL

☐ SNRHW CELL

☐ HAZARDOUS LANDFILL

☒ TREATMENT FACILITY

☐ WASTE TRANSFER STATION

NAME:

MORSELEY  
FIELDS  
WVI 3DT

HOW IS THE WASTE CONTAINED?

Loose

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

LOAD VOLUME

- ☒ 6-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

*[Signature]*

HAULIER NAME:

CLWYD TRANSPORT

TIME OFF SITE:

SIGNATURE:

CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

*[Signature]*

PRINT NAME

TONY CRANE

DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

19450

1132

**REGISTERED WASTE CARRIER:**

Statom Group

Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**REGISTRATION OF VEHICLE**

8-4-20

BD20 MJX

**CUSTOMER (Current holder of the waste)**

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOVEDEAN PO8 94B

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:

MORSELEY  
FIELDS  
WV1 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

**HAULIER NAME:**

CLWYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**

ARME

**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**ADDRESS**

**SIGNATURE**

**PRINT NAME**

**DATE**

# The Hazardous Waste Regulations 2005:

Environment Agency  
PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)



## PART A Notification details

1 Consignment note code: STATOM / LV030

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
Statom Group  
Lovedean, PO8 9UB  
01322 303291  
Michael Gillman

3 The waste will be taken to (name, address and postcode):  
Dunton Technologies  
Lower Horseley Fields, WV1 3DT  
Tel: 01902456905  
4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
Statom Group, Regus House Victory Way, Dartford, DA2 6GD, 01322303291

## PART B Description of the waste

1 The process giving rise to the waste(s) was: Excavation

2 SIC (2007) for the process giving rise to the waste: 39.00

| Description of waste                                                   |  | List of wastes (EWC code) (6 digits) |  | Quantity (kg)           |  | The chemical/biological components in the waste and their concentrations are: |  | Physical form (gas, liquid, solid, powder, sludge or mixed) |  | Hazard Code(s)                |  | Container type, number and size |  |
|------------------------------------------------------------------------|--|--------------------------------------|--|-------------------------|--|-------------------------------------------------------------------------------|--|-------------------------------------------------------------|--|-------------------------------|--|---------------------------------|--|
| Soils and stones with visible asbestos fragments                       |  | 1 7 0 6 0 5*                         |  | 18,000                  |  | Asbestos                                                                      |  | Solid                                                       |  | HP5, HP7                      |  | 8 wheeler                       |  |
| The information given below is to be completed for each EWC identified |  | 1 7 0 5 0 4                          |  |                         |  |                                                                               |  |                                                             |  |                               |  |                                 |  |
| EWC code                                                               |  | UN identification number(s)          |  | Proper shipping name(s) |  | UN class(es)                                                                  |  | Packing group(s)                                            |  | Special handling requirements |  |                                 |  |
| 1 7 0 6 0 5*                                                           |  | N/A                                  |  | N/A                     |  | N/A                                                                           |  | N/A                                                         |  | N/A                           |  |                                 |  |
| 1 7 0 5 0 4                                                            |  | N/A                                  |  | N/A                     |  | N/A                                                                           |  | N/A                                                         |  | N/A                           |  |                                 |  |

## PART C Carrier's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are: ANTONY STAN

1 Carrier name: Chwyd Transport  
On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
Chwyd House, Ash Road South, Wrexham  
LL13 9UG 01978660022

2 Carrier registration no./reason for exemption: CBDU3337

3 Vehicle registration no. (or mode of transport, if not road): B1220MSX

Signature: [Signature]

Date: 08/04/2021

Individual EWC code(s) received

Quantity of each EWC received (kg)

EWC code

Waste management operation (R or D code)

1 I received this waste at the address given in A3 on:

2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1133

REGISTERED WASTE CARRIER:

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

REGISTRATION OF VEHICLE

8-4-21  
PE18 NDK

CUSTOMER (Current holder of the waste)

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOVEDEAN PO8 9UB

DESCRIPTION OF WASTE COLLECTED

- |                                                                                 |                                                                        |  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|--|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE                                      |  |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 01 |  |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |  |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |  |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         | <input type="checkbox"/> OTHER.....EWC CODE.....                       |  |

WASTE CLASSIFICATION

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

DISPOSAL OPTION

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

DISPOSAL FACILITY

NAME:  
HORSELEY  
FIELDS  
WUL 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

LOAD VOLUME

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

TONY CRANE

HAULIER NAME:

CLWYD TRANSPORT

TIME OFF SITE:

SIGNATURE:

CUSTOMER (Holder of waste collected)

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

TONY CRANE

PRINT NAME

TONY CRANE

DISPOSAL FACILITY (For receiving site use only)

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE

CONTROLLED WASTE TRANSFER NOTE No:

1133

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**REGISTRATION OF VEHICLE**

8-4-21  
PE18 NDK

**CUSTOMER (Current holder of the waste)**

**NAME:**

STATOM

**SITE ADDRESS (Place of transfer)**

LOVEDEAN PO8 9UB

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

**NAME:**

HORSELEY  
FIELDS  
WV1 3DT

**HOW IS THE WASTE CONTAINED?**

Loose

**SIC Number:**

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.202/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

**HAULIER NAME:**

CLWYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**

**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**ADDRESS**

**SIGNATURE**

**PRINT NAME**

**DATE**

# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV037**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
**Michael Gillman**
- 3 The waste will be taken to (name, address and postcode):  
**Dunton Technologies**  
**Lower Horseley Fields, WV1 3DT**  
**Tel: 01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291**

## PART B Description of the waste

# continuation sheet used, tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **39.00**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)
- | Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>170605*</b><br><b>170504</b>      | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |
- The information given below is to be completed for each EWC identified
- | EWC code       | UN identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|----------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>170605*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>170504</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

## PART D Consignor's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

- 1 Carrier name: **Clwyd Transport** *Tony Smith*  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Clwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

- 2 Carrier registration no./reason for exemption: **CBDU3337**

- 3 Vehicle registration no. (or mode of transport, if not road): **PE18NOK**

Signature *[Signature]*

Date **08042021** Time **1450**

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**Same as A4**

Signature *[Signature]*

Date **08042021** Time **2 30 PM**

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|                                 |                                    |                            |                                          |

- 1 I received this waste at the address given in A3 on: Date \_\_\_\_\_ Time \_\_\_\_\_

- 2 Vehicle registration no. (or mode of transport if not road): \_\_\_\_\_ Name: \_\_\_\_\_  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile): \_\_\_\_\_

- 3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are: \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_ Time \_\_\_\_\_



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1134

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**REGISTRATION OF VEHICLE**

8-4-21  
BX70 HTF

**CUSTOMER (Current holder of the waste)**

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOUEDEAN PO8 9UB

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:

HORSELEY  
FIELDS  
WV1 3DF

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

**HAULIER NAME:**

KEVIN EDWARDS

CLWYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**

**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**ADDRESS**

**SIGNATURE**

**PRINT NAME**

**DATE**



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1134

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**REGISTRATION OF VEHICLE**

8-4-21  
BX70 HTF

**CUSTOMER (Current holder of the waste)**

NAME:

SITE ADDRESS (Place of transfer)

STATOM

LOUEDEAN PO8 9UB

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                      |                                                                        |
|----------------------------------------------------------------------|------------------------------------------------------------------------|
| <input type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                      | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                             | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04    | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01              |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☐ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:  
HORSELEY  
FIELDS  
WV13DF

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.202/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

LOAD VOLUME

- ☐ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

DRIVER NAME:

HAULIER NAME:

TIME OFF SITE:

SIGNATURE:

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

SIGNATURE

PRINT NAME

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

NAME

ADDRESS

SIGNATURE

PRINT NAME

DATE

# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV032**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
**Michael Gillman**
- 3 The waste will be taken to (name, address and postcode):  
**Dunton Technologies**  
**Lower Horseley Fields, WV1 3DT**  
**Tel: 01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291**

## PART B Description of the waste

(if continuation sheet used, tick here)

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **39.00**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)
- | Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>170605*</b><br><b>170504</b>      | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |
- The information given below is to be completed for each EWC identified
- | EWC code       | UN Identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|----------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>170605*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>170504</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

## PART D Consignor's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)  
 I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

/

- 1 Carrier name: **Ciwyd Transport**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Ciwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

- 2 Carrier registration no./reason for exemption: **CBDU3337**

- 3 Vehicle registration no. (or mode of transport, if not road): **BXT0 KTF**

Signature

Date **08042021** Time **1515**

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**Same as A4**

Signature

Date **08042021** Time **3 15 PM**

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|                                 |                                    |                            |                                          |

- 1 I received this waste at the address given in A3 on:

Date

Time

- 2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

- 3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date

Time

CONTROLLED WASTE TRANSFER NOTE No:

1135

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

REGISTRATION OF VEHICLE

8-4-21  
MX18 EWN

**CUSTOMER (Current holder of the waste)**

NAME:

STATOM

SITE ADDRESS (Place of transfer)

LOVEDEAN PO8 9UB

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

- ☐ NON-HAZARDOUS
- ☒ **HAZARDOUS** (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:  
HORSELEY  
FIELDS  
WV1 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.20/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 6-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

NIGEL HUGHES

**HAULIER NAME:**

CLWYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**



**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**



**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**ADDRESS**

**SIGNATURE**

**PRINT NAME**

**DATE**

CONTROLLED WASTE TRANSFER NOTE No:

1135

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

REGISTRATION OF VEHICLE

8-4-21  
MX18 EWN

**CUSTOMER (Current holder of the waste)**

NAME:

SITE ADDRESS (Place of transfer)

STATOM

LOVEDEAN PO8 9UB

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

NAME:

HORSELEY  
FIELDS  
WV1 3DT

HOW IS THE WASTE CONTAINED?

Loose

SIC Number:

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.202/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 8-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

**HAULIER NAME:**

NIGEL + LUCY

CLWYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**

**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**ADDRESS**

**SIGNATURE**

**PRINT NAME**

**DATE**

# The Hazardous Waste Regulations 2005: Consignment Note



Environment  
Agency

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (Delete as appropriate)

## PART A Notification details

- 1 Consignment note code: **STATOM / LV033**
- 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group**  
**Lovedean, PO8 9UB**  
**01322 303291**  
**Michael Gillman**
- 3 The waste will be taken to (name, address and postcode):  
**Dunton Technologies**  
**Lower Horseley Fields, WV1 3DT**  
**Tel: 01902456905**
- 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):  
**Statom Group, Regus House Victory Way, Dartford, DA2 6QD, 01322303291**

## PART B Description of the waste

if continuation sheet used, tick here ☐

- 1 The process giving rise to the waste(s) was: **Excavation**
- 2 SIC (2007) for the process giving rise to the waste: **39.00**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)
- | Description of waste                             | List of wastes (EWC code) (6 digits) | Quantity (kg) | The chemical/biological components in the waste and their concentrations are:<br>Component | Concentration (% or mg/kg) | Physical form (gas, liquid, solid, powder, sludge or mixed) | Hazard Code(s)  | Container type, number and size |
|--------------------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|-----------------|---------------------------------|
| Soils and stones with visible asbestos fragments | <b>170605*</b><br><b>170504</b>      | <b>18,000</b> | <b>Asbestos</b>                                                                            | <b>&gt;0.1%</b>            | <b>Solid</b>                                                | <b>HP5, HP7</b> | <b>8 wheeler</b>                |
- The information given below is to be completed for each EWC identified
- | EWC code       | UN Identification number(s) | Proper shipping name(s) | UN class(es) | Packing group(s) | Special handling requirements |
|----------------|-----------------------------|-------------------------|--------------|------------------|-------------------------------|
| <b>170605*</b> | <b>N/A</b>                  | <b>N/A</b>              | <b>N/A</b>   | <b>N/A</b>       | <b>N/A</b>                    |
| <b>170504</b>  |                             |                         |              |                  |                               |

## PART C Carrier's Certificate

## PART D Consignor's Certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here. ☐)

I certify that I today collected the consignment and that the details in A2, A3 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises of a multiple collection the round number and collection number are:

/

- 1 Carrier name: **Chwyd Transport**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):  
**Chwyd House, Ash Road South, Wrexham**  
**LL13 9UG 01978660022**

- 2 Carrier registration no./reason for exemption: **CBDU3337**

- 3 Vehicle registration no. (or mode of transport, if not road): **MX18 EWI**

Signature

Date **08042021** Time **1530**

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011

1. Consignor name: **Tony Crane**  
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

**Same as A4**

Signature

Date **08042021** Time **330 PM**

## PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

| Individual EWC code(s) received | Quantity of each EWC received (kg) | EWC code accepted/rejected | Waste management operation (R or D code) |
|---------------------------------|------------------------------------|----------------------------|------------------------------------------|
|                                 |                                    |                            |                                          |

- 1 I received this waste at the address given in A3 on:

Date

Time

- 2 Vehicle registration no. (or mode of transport if not road):

Name:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

- 3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A3

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date

Time



# STATOM GROUP

REMEDIATION • GROUNDWORKS • STRUCTURES

SITE COPY

CONTROLLED WASTE TRANSFER NOTE No:

1136

**REGISTERED WASTE CARRIER:**

Statom Group  
Regal House, Victory Way,  
Crossways Business Park, Dartford  
DA2 6QD

Waste Carrier Licence No. CBDU73921 issued by the Environment Agency

**REGISTRATION OF VEHICLE**

8-4-21  
PK64 YDR

**CUSTOMER (Current holder of the waste)**

**NAME:**

STATOM

**SITE ADDRESS (Place of transfer)**

LOUPEAN POB 943

**DESCRIPTION OF WASTE COLLECTED**

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> SOIL & STONES Hazardous Substances 17 05 03 | <input type="checkbox"/> CONCRETE 17 01 01                             |
| <input type="checkbox"/> SOIL & STONES 17 05 04                                 | <input type="checkbox"/> MIXED CONCRETE/BRICKS/TILES/CERAMICS 17 01 07 |
| <input type="checkbox"/> BRICKS 17 01 02                                        | <input type="checkbox"/> BITUMINOUS MIXTURES (TARMAC/ASPHALT) 17 03 02 |
| <input type="checkbox"/> MIXED CONSTRUCTION & DEMO WASTE 17 09 04               | <input type="checkbox"/> OTHER.....EWC CODE.....                       |
| <input type="checkbox"/> MIXED MUNICIPAL WASTE 20 03 01                         |                                                                        |

**WASTE CLASSIFICATION**

**DISPOSAL OPTION**

**DISPOSAL FACILITY**

- ☐ NON-HAZARDOUS
- ☒ HAZARDOUS (if hazardous, the load will require a consignment note also)

- ☐ RESTORATION
- ☐ INERT
- ☐ NON-HAZARDOUS LANDFILL
- ☐ SNRHW CELL
- ☐ HAZARDOUS LANDFILL
- ☒ TREATMENT FACILITY
- ☐ WASTE TRANSFER STATION

**NAME:**

HORSELEY  
FIELDS  
WV1 3DT

**HOW IS THE WASTE CONTAINED?**

Loose

**SIC Number:**

- ☐ 38.2 Waste treatment & disposal
- ☒ 39.0 Remediation activities
- ☐ 41.20/1 Construction of commercial buildings
- ☐ 41.202/2 Construction of domestic buildings
- ☐ Other

IF NOT LOOSE ☐ SACKS ☐ DRUMS ☐ OTHER-DESCRIBE:

**LOAD VOLUME**

- ☒ 6-Wheeler 9m3 ☐ 6-Wheeler 7m ☐ Grab 8m3 ☐ Arctic 14m3 ☐ Other

**DRIVER NAME:**

Ryan Ellis

**HAULIER NAME:**

CLWYD TRANSPORT

**TIME OFF SITE:**

**SIGNATURE:**

Ryan Ellis

**CUSTOMER (Holder of waste collected)**

I confirm that the above is an accurate description transferred and that Statom Group have considered the waste hierarchy (as required by regulation 12 of the waste (England and Wales) Regulations 2011) in deciding the most appropriate option for this waste.

**SIGNATURE**

AC

**PRINT NAME**

TONY CRANE

**DISPOSAL FACILITY (For receiving site use only)**

**NAME**

**ADDRESS**

**SIGNATURE**

**PRINT NAME**

**DATE**