Huntingdonshire
district council

Application for a A2 Permit

Local Authority - Integrated Pollution Prevention and Control

Pollution Prevention and Control Act, 1999
Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended)

Introduction

When to use this form
This regime is known as Local Authority Integrated Pollution Prevention and Control, LA-IPPC. Installations permitted under this regime are known as A2 installations. Use this form if you are sending an application for a 'Part A2' installation to a Local Authority under the Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended) ("the PPC Regulations").

Before you start to fill in this form
Please read the Defra general guidance manual issued for LA-IPPC and LAPPC. This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You will also need to read the relevant sector guidance note, BREF note or Process Guidance note as relevant The Pollution Prevention and Control (England and Wales) Regulations 2000 can be obtained from The Stationary Office, or viewed on their website at: www.legislation.hmso.gov.uk/si/si2000/20001973.htm

Which parts of the form to fill in
You should fill in as much of this form as possible. The appropriate fee must be enclosed with the application to enable it to be processed further. When complete return to:

Aaron Morley of the Environmental Health Department, Huntingdonshire District Council, Pathfinder House, St. Mary's Street, Huntingdon PE29 3TN

Other documents you may need to submit
There are number of other documents you may need to send us with your application. Each time a request for a document is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the space provided on the form for this purpose. Please also mark the document(s) clearly with this reference number and the application reference number, if you have been given one, it will be at the top of the form overleaf. If you do not have either of these, please use the name of the installation.

Using continuation sheets
In the case of the questions on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

Copies
Please send the original and 3 copies of the form and all other supporting material, to assist consultation.

If you need help and advice
We have made the application form as straightforward as possible, but please get in touch with us at the local authority address given above if you need any advice on how to set out the information we need.

LA-IPPC Application Form: to be completed by the operator		
For Local Authority use		
Application Reference: LA-IPPC12/92	Officer Reference: Aaron Morley	Date received:

A1.1 Name of the installation

CLARK-)RAIN LIMITE)

A1.2 Please give the address of the site of the installation

STATION ROA)

YAXLEY NR PETERBOROUGH CAMBRI)SHIRE

Postcode PE7 3EQ Telephone 01733-240811

Ordnance Survey national grid reference *8 characters, for example, SJ 123 456*

TL 193 930

A1.3 Existing authorisations:

Please give details of any existing LAPC or IPC authorisation for the installation, or any waste management licences or water discharge consents, including reference number(s) and type(s):

EXISTING GALVANISING HUNTINS)ON)ISTRICT COUNCIL APPROVE) PROCESS LICENCE. (COPY ENCLOSE) WITH APPLICATION)

THERE ARE NO OTHER WASTE MANASEMENT LICENCES OR WATER)ISCHARSE CONSENTS, WE ONLY USE EXTERNAL)ISPOSAL COMPANIES AS REQUIRE).

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the installation in accordance with the permit (if granted)

A2.1 The Operator – Please provide the full name of company or corporate body

CLARK-)RAIN LIMITE)

Trading/business name (if different)

N/A.

Registered Office address

STATION ROA), YAXLEY NR PETERBOROUSH

CAMBRI)SHIRE Postcode: PE7 3EQ.

LA-IPPC Application Form: to be completed by the operator		
For Local Authority use		
Application Reference: LA-IPPC12/92	Officer Reference: Aaron Morley	Date received:

Principal Office address (if different)

N/A.

Postcode:

Company registration number

1397422

A2.2 Holding Companies

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

No ☐

Yes ☑ *name of ultimate holding company*

CLARKSTEEL HOLDINGS LIMITED

Registered office address

STATION ROAD
YAXLEY NR PETERBOROUGH
CAMBRIDGESHIRE.

Postcode PE7 3EQ

Principal Office address (if different)

N/A.

Postcode

Company registration number: 1011833

A3.1 Who can we contact about your application?

It will help is to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.

LA-IPPC Application Form: to be completed by the operator		
For Local Authority use		
Application Reference: LA-IPPC12/92	Officer Reference: Aaron Morley	Date received:

Name MR RONALD FRANCIS CLARK

Position MANAGING DIRECTOR

Address CLARK-DRAIN LIMITED

STATION ROAD YAXLEY NR PETERBOROUGH

CAMBRIDGESHIRE Postcode PE7 3EP

Telephone number 01733-765366

Fax number 01733-246910

E. Mail address rclark@clark-drain.com

LA-IPPC Application Form: to be completed by the operator		
For Local Authority use		
Application Reference:	Officer Reference:	Date received:

B1 About the Installation

Please fill in the table below with details of all the current activities in operation at the whole installation.

In **Column 1** ***Activities in the stationary technical unit***
Please identify all activities listed in Schedule 1 to the PPC Regulations that are, or are proposed, to be carried out in the stationary technical unit of the installation.

In **Column 3** ***Directly associated activities***
Please identify any directly associated activities that are, or are proposed, to be carried out on the same site which:

* have a technical connection with the activities in the stationary technical unit
* could have an effect on pollution

In **column 2 and 4 Schedule 1 references**, please quote the Chapter number, Section number, A(2) or B, then paragraph and sub-paragraph number as shown in Part 1 of Schedule1 to the PPC Regulations. For example, *Manufacturing glass, unless falling within Part A(1) of this Section, where melting capacity of the plant is more than 20 tonnes per day*, would be listed as Chapter 3, Section 3.3, Part A(2)(a).

B1.1 Installation table for new permit application

COLUMN 1	COLUMN 2
Activities in the Stationary Technical Unit	**Schedule 1 References**
SURFACE TREATING METALS & PLASTICS	CHAPTER 2, SECT 2.3, A2(a)(ii)

COLUMN 3	COLUMN 4
Directly associated activities	**Schedule 1 References**
NON FERROUS METALS	CHAPTER 2, SECTION 2.2, B(c)

B1.2 Why is the application being made?

☐ the installation is new

✓ it is an existing Part B process authorised under the Environmental Protection Act 1990 for which a substantial change is proposed or new legislation informs you that an LA-IPPC A2 permit is required.

B.1.3 Site Maps

Please provide:-

* A suitable map showing the location of the installation clearly defining extent of the installations in red

Doc Reference GP 1

* A suitable plan showing the layout of activities on the site, including bulk storage of materials, waste storage areas and any external emission points to atmosphere

Doc Reference GP 2 (A

* A suitable plan showing the site drainage system and all discharge points to drainage or water courses.

Doc Reference GP 2 (B

B2 The Installation

Please provide written information about the aspects of your installation listed below. We need this information to determine whether you will operate the installation in a way in which all the environmental requirements of the PPC Regulations are met.

B2.1 Describe the proposed installation and activities and identify the foreseeable emissions to air, water & land from each stage of the process (this will include any foreseeable emissions during start up, shut down and any breakdown/abnormal operation)

The use of process flow diagrams may aid to simplify the operations

Doc Reference: GP 3

B2.2 Once all foreseeable emissions have been identified in the proposed installation activities, each emission should be characterised (including odour) and quantified.

- **atmospheric emissions** should be categorised under the following
(i) point source, (e.g. chimney / vent, identified by a number and detailed on a plan)
(ii) fugitive source (e.g. from stockpiles / storage areas).

If any monitoring has been undertaken please provide the details of emission concentrations and quantify in terms of mass emissions. If no monitoring has been undertaken please state this.

(Mass Emission - the quantification of an emission in terms of its physical mass per period of time. Eg. Grams per hour, tonnes per year)

- **water emissions** should be identified at discharge points and copies of any discharge consents from either the Environment Agency or sewerage undertaker should be submitted, detailing the permitted discharge limits.

Doc Reference: GP 4

B2.3 For each emission identified from the installations' activities describe the current and proposed technology and other techniques for preventing or, where that is not practicable reducing the emissions. If no techniques are currently used and the emission goes directly to the environment, without abatement or treatment this should be stated

Doc Reference: GP 5

B2.4 Identify the raw and auxiliary materials, other substances and water that you propose to use in carrying on the activities listed in the table in B1.1

Doc Reference: GP 6

B2.5 Characterise and quantify each waste stream from the installation and describe the proposed measures for waste prevention and reduction. Please also include waste management, issues storage and handling of the waste. For each waste stream identify if an environmental appraisal has been undertaken, and provide details, if not please state if an appraisal has been carried out. If you propose any disposal of waste explain why recovery of that waste is technically and economically impracticable and describe the measures planned to minimise the production of that waste and to avoid or reduce any impact on the environment.

Doc Reference: GP 7

B2.6 Identify if there may be a discharge of any List I or List II substance and if any are identified, explain how the requirements of the Groundwater Regulations 1999 have been addressed (see attached lists). Also describe the current techniques used to prevent and reduce discharges to groundwater.

Doc Reference: GP 8 N/A THE PROCESS DOES NOT DISCHARGE TO GROUNDWATER.

B2.7 Provide a breakdown of the proposed energy consumption and generation by source and end-use and describe the proposed measures for improvement of energy efficiency. If you have entered a climate change levy agreement please provide details.

Doc Reference: GP 9

B2.8 Describe the proposed systems to be used in the event of unintentional releases and their consequences. This must identify, assess and minimise the environmental risks and hazards, provide a risk based assessment of any likely unintentional releases, including the use of historical evidence. If no assessments have been carried out please state.

Doc Reference: GP 10

B2.9 Detail the following with respect to noise & vibration

1. The main sources of environmental noise and vibration as identified from your proposed installations' activities (including infrequent sources);

2. Identify the nearest noise sensitive locations and include any relevant environmental noise measurement surveys which have been undertaken;

3. The current and proposed technology and techniques for the control of noise.

If no assessment has been carried out, please state this.

Doc Reference: GP 11

B2.10 Describe the proposed measures for monitoring all identified emissions including any environmental monitoring, and the frequency, measurement methodology and evaluation procedure proposed. (e.g. particulate matter emissions, noise measurements, etc.) Include the details of any monitoring which has been carried out which has not been requested in any other part of this application. If no monitoring is proposed for an emission please state the reason.

Doc Reference: GP 12

B2.11 Describe the proposed measures to be taken, to avoid any pollution risk to land and return the site of the installation to a satisfactory state upon definitive cessation of activities, you may wish to refer to the site report requested at B3.1 below.

Doc Reference: GP 13

B2.12 Provide detailed procedures and policies of your proposed environmental management techniques, in relation to the installation activities described.

Doc Reference: GP 14

B3 Site Report

B.3.1 Please provide a site report which demonstrates the condition of the land on the site of the installation. The report must identify any existing or potential sources of contamination, quantifying the presence of materials in, on or under the land which may constitute a pollution risk either in terms of toxic or polluting potential or the potential generation of toxic, flammable or asphyxiant gases. The report should consider, in relation to such sources the potential existence of pathways via which the contaminants travel and the proximity and nature of potentially sensitive receptors.

During consideration of the likely presence of materials and the design of any intrusive sampling strategies particular regard should be given to the locations and extent of any former or existing potentially contaminative uses and the locations, nature and likely emissions to land of processes forming part of the installation.

It is acceptable to provide site reports undertaken for other purposes, e.g. planning applications, which have been carried out up to 6 months prior to this application. Older site reports may be accepted where a further site survey and risk assessment based on the present condition of the site are submitted.

Note: As a first step you should undertake a desk study to produce the information necessary for the report. If that study suggests that there are matters which warrant more detailed investigation, then extensive site surveying work may be necessary.

Doc Reference: GP 15

B4 Impact on the Environment

Please provide written information about the impact the installations' emissions may have on the environment as listed below:

Information required:

B4.1 Provide an assessment of the potential significant local environmental effects of the foreseeable emissions (for example, is there a history of complaints, is the installation in an air quality management area ?)

Doc Reference: GP 16

B4.2 Provide an assessment of whether the installation is likely to have a significant effect on sites of special scientific interest (SSSIs) or European Sites and, if it is, provide an assessment of the implications of the installation for that site, for the purposes of the Conservation (Natural Habitats etc) Regulations 1994.

Doc Reference: GP 17

B5 Environmental Statements and the Non Technical Summary

B5.1 Has an environmental impact assessment been carried out under The Town and Country Planning (Environmental Impact Assessment)(England & Wales) Regulations 1999, or for any other reason with respect to the installation.

No ☑
Yes ☐ *Please supply a copy of the environmental impact assessment and details of any decision made*

Doc Reference: _____

B5.2 Please provide a non technical summary of all the information required above. This will enable the public to understand your installation and its environmental impact when viewing the public register.

Doc Reference: GP 18

B6 Statutory Consultees

We will use the information in this section to identify who we must consult about your proposals

B6.1 In which Primary Care Trust (formerly health authority)/Health Board area is the installation located?

PETERBOROUGH PRIMARY CARE TRUST

If premises are on a boundary please give names of all relevant authorities

HUNTINGDON DISTRICT COUNCIL, ANGLIAN WATER AUTHORITY.

B6.2 Could the installation involve the release of any substance into a sewer vested in a sewerage undertaker?

No ☑
Yes ☐ *please name the sewerage undertaker*

B6.3 Are there any sites of special scientific interest (SSSIs) or European Sites which are within 2 kilometres of the installation?

No ☐
Yes ☑ *please give names of the sites*

ORTON PIT SSSI. (AS PER ATTACHED DETAILS WITH THIS APPLICATION PROVIDED BY ENGLISH NATURE)

B7 Planning Status

B7.1 Where the installation may involve a specified waste management activity we cannot issue a permit unless one of the following applies, please indicate which of the following applies to the installation. Note: In this instance your application may be referred to the Environment Agency for processing.

☐ You have planning permission
(Enclose copy of decision notice)

Doc Reference _____

☐ You have a certificate of lawful existing use of development
(Enclose copy of certificate)

Doc Reference _____

✓ You have an established use certificate
(Enclose copy of certificate)

Doc Reference GP 19.

☐ The General Permitted Development Order 1995 applies Please give details
(Enclose copy of relevant paperwork)

Doc Reference _____

☐ Planning permission is not required - *please say why and enclose written confirmation from the planning authority*

Doc Reference _____

For further advice on the above planning issues, please contact the local planning authority.

B8 Additional information

Please supply any additional information which you would like us to take account of in considering this application.

Doc Reference GP 20.

C1 Fees and Charges

The enclosed charging scheme leaflet gives details of how to calculate the application fee or you may look at the DEFRA web page: http://www.defra.gov.uk/environment/airquality/lapc/charges/default.htm and the document: "Local Authority Integrated Pollution Prevention and Control (LA-IPPC-Part A(2)) (No.2) Fees and Charges Scheme" Your application cannot be processed unless the application fee is correct and enclosed.

C1.1 Please state the amount enclosed as an application fee for this installation:

For the local authority

£ 1,836 . Cheques should be made payable to : Huntingdonshire District Council

For the Environment Agency

N/A £ . Cheques should be made payable to : Environment Agency

We will confirm receipt of this fee when we write to you acknowledging your application.

C1.2 Please give any company purchase order number or other reference you wish to be used in relation to this fee.

C2 Annual charges

If we grant you a permit, you will be required to pay an annual subsistence charge, failure to do so will result in revocation of your permit and you will not be able to operate your installation.

C2.1 Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges within your finance section.

CLARK-DRAIN LIMITED
STATION ROAD, YAXLEY NR PETERBOROUGH
CAMBRIDGESHIRE

Postcode: PE7 3EP Telephone: 01733-765325.

MR M.C. GILBEY (CO ACCOUNTANT)

Date 28TH JULY, 2004.

** Where more than one person is defined as the operator, all should sign. Where a company or other body corporate – an authorised person should sign and provide evidence of authority from the board of the company or body corporate.*

C3 Commercial confidentiality

C3.1 Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality ?

No ☑

Yes ☐

Please provide full justification, considering the definition of commercial confidentiality within the PPC regulations.

Doc Reference N/A.

C3.2 Is there any information in the application that you believe should be kept from the public register on the grounds of national security ?

No ☐

Yes ☑ TO BE ADVISED AS DISCUSSED WITH AARON MORLEY.

Do not write anything about this information on the form. Please provide full details on separate sheets, plus provide a copy of the application form to the Secretary of State for a Direction on the issue of National Security.

C4 Data Protection

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/ representatives who we ask to do any of these things on our behalf.

It is an offence under Regulation 32 of the PPC regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).

Fees for an application for a permit

3.–(1) An application under regulation 10(1) of the 2000 Regulations for a local authority permit authorising the operation of one or more Part A installations or Part A mobile plant[7] shall be accompanied by –

(a) a fee payable to the local authority regulator, which shall be –

(i) £1,836 multiplied by the number of Part A activities to which the permit applied for relates;

(ii) plus any sum payable under sub-paragraph (2); and

(b) in the case of an application for a permit authorising the operation of an installation or mobile plant which will involve one or more discharges of effluent into controlled waters, a fee of £722 multiplied by the number of discharges, payable to the Environment Agency.

(2) Where a Part B activity is to be carried out in an installation or by means of mobile plant authorised by the permit applied for, the fee payable to the local authority regulator under sub-paragraph (1)(a) shall include such sum as would be payable under the Part B Installations Fees and Charges Scheme if an application for a permit to carry on that activity were made to which that scheme applied .

Fees for the variation of a permit

4.–(1) This paragraph applies where a local authority regulator notifies an operator under paragraph 4(5) of Schedule 7 to the 2000 Regulations that paragraph 4 of that Schedule applies to –

(a) an application for the variation of the conditions of a local authority permit under regulation 17(2) of the 2000 Regulations which will authorise a substantial change in the operation of an installation or mobile plant; or

(b) a proposed variation notice varying the conditions of such a permit which will authorise such a change.

(2) Where this paragraph applies the fees payable in respect of the variation shall be -

(a) £1,079 payable to the local authority regulator; and

(b) in the case of the variation of a discharge consent local authority permit, £722 multiplied by the number of discharges which are subject to the variation, payable to the Environment Agency.

Fees for an application for the transfer of a permit

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[7] See Regulation 10(6) of the 2000 Regulations whereby a permit may authorise the operation of more than one Part A installation or Part A mobile plant on the same site operated by the same operator.

CLARK-DRAIN

THE DRAINAGE COMPANY

APPLICATION FOR
A2 PERMIT
LA – INTEGRATED POLLUTION PREVENTION & CONTROL

PRESENTED
TO
AARON J MORLEY
ENVIRONMENTAL PROTECTION OFFICER

Huntingdonshire
District Council

1 B.1.3 SITE MAPS, INSIDE CARDBOARD TUBE GP1

2 B.1.3 SITE MAPS, " —— " GP2 A), B)

3 B2.1 THE INSTALLATION GP3

4 B2.2 " —— " GP4

5 B2.3 " —— " GP5

6 B2.4 " —— " GP6

7 B2.5 " —— " GP7

8 B2.6 " —— " (N/A WE DO NOT DISCHARGE THE PROCESS TO GROUNDWATER) GP8

9 B2.7 " —— " GP9

10 B2.8 " —— " GP10

11 B2.9 " —— " GP11

12 B2.10 " —— " GP12

13 B2.11 " —— " GP13

14 B2.12 " —— " GP14

15 B3.1 SITE REPORT GP15

16 B4.1 IMPACT ON THE ENVIRONMENT GP16

17 B4.2 " —— " GP17

18 B5.2 ENVIRONMENTAL STATEMENTS GP18

19 B7.1 PLANNING STATUS GP19

20 B8 ADDITIONAL INFORMATION GP20

21

22

23

24

25

REF: 913381

A4

PREMIER

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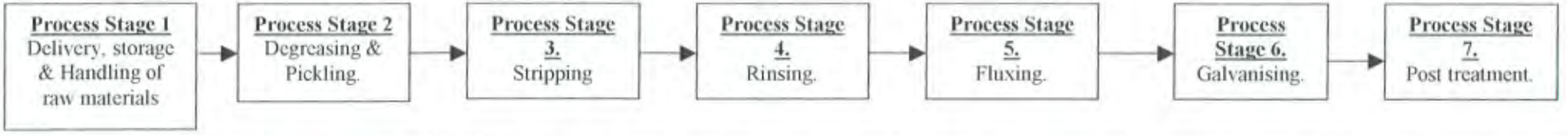
5 018206 134189

CLARK-DRAIN
THE DRAINAGE COMPANY

GP3

Huntingdonshire
District Council

Process Flow Diagram.



Environmental Impact	Environmental Impact	Environmental Impact	Environmental Impact	Environmental Impact	Environmental Impact	Environmental Impact
Process Stage 1	**Process Stage 2**	**Process Stage 3.**	**Process Stage 4.**	**Process Stage 5.**	**Process Stage 6.**	**Process Stage 7.**
Water;	**Water;**	**Water;**	**Water;**	**Water;**	**Water;**	**Water;**
Spillage during delivery of liquids followed by run off.	Raw material consumption used as make up.	Not Significant. (Old Pickle Liquor used)	Raw material consumption used as make up.	Raw material consumption used as make up.	Scrubbing liquor.	Quench solution lost as steam.
Land.	**Land.**	**Land.**	**Land.**	**Land.**	**Land.**	**Land.**
Spillage, overfilling of bulk storage vessels.	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant	Not Significant
Air.	**Air.**	**Air.**	**Air.**	**Air.**	**Air.**	**Air.**
Not Significant	Not Significant. (Inhibitor used, unheated tanks)	Not Significant. (Inhibitor used, unheated tanks)	Not Significant.	Ammonium chloride & zinc chloride steam	Combustion emissions, steam, fume, particulates	Steam from quench tank.
Waste	**Waste**	**Waste**	**Waste**	**Waste**	**Waste**	**Waste**
Not Significant	Spent liquor to waste treatment facility.	Spent liquor to waste treatment facility.	Not Significant. (Used water used to make up pickle tanks)	Spent liquor to waste treatment facility.	Dross, Ash.	Spent liquor to waste treatment facility.
Energy	**Energy**	**Energy**	**Energy**	**Energy**	**Energy**	**Energy**
Not Significant	Not Significant (unheated tanks)	Not Significant (unheated tanks)	Not Significant (unheated tanks)	Heated Flux tank.	Heating for zinc.	Not Significant
Accidents.	**Accidents.**	**Accidents.**	**Accidents.**	**Accidents.**	**Accidents.**	**Accidents.**
Deterioration or damage of storage vessels, during handling & storage.	Spillage.	Spillage.	Spillage. (Contaminated water)	Spillage.	Failure of scrubber unit.	Spillage.
Noise.	**Noise.**	**Noise.**	**Noise.**	**Noise.**	**Noise.**	**Noise.**
Vehicles & delivery operations can cause noise disturbance.	Not Significant	Not Significant	Not Significant	Not Significant	Extractor fans, gas booster fan, scrubber unit.	Fettling, handling operations.

Note; The above are potential environmental impacts, based on sector guidance note IPPC SG5.
Process Controls will be designed to eliminate them.

CLARK-DRAIN
THE DRAINAGE COMPANY

GP4

Huntingdonshire
District Council

LA-IPPC12/92 B2.2 GP4.

Process Stage 1.

Water; *Spillage during delivery of liquids followed by run off.*

Category (ii) Fugitive source; Storage areas.

No Monitoring required as per guidance notes.

Process Stage 1.

Land ; *Spillage, overfilling of bulk storage vessels*

Category (ii) Fugitive source; Bulk Storage vessels.

No Monitoring required as per guidance notes.

Process Stage 1.

Accidents ; *Deterioration or Damage of storage vessels during handling & storage.*

Category (ii) Fugitive source; Storage areas.

No Monitoring required as per guidance notes.

Process Stage 1.

Noise ; *Vehicles & delivery operations can cause noise disturbance.*

Category (ii) Fugitive source; Storage areas.

Annual Noise Survey.

Process Stage 2.

Accidents; *Spillage*

Category (ii) Fugitive source; Treatment tanks..

No Monitoring required as per guidance notes.

Process Stage 3.

Accidents; *Spillage*

Category (ii) Fugitive source; Treatment tanks..

No Monitoring required as per guidance notes.

Continued.....

Process Stage 4.

Accidents; *Spillage*

Category (ii) Fugitive source; Treatment tanks..

No Monitoring required as per guidance notes.

Process Stage 5.

Air; Ammonium chloride & zinc chloride steam.

Category (ii) Fugitive source; Treatment tanks.

No Monitoring required as per guidance notes.

Process Stage 5.

Accidents; *Spillage*

Category (ii) Fugitive source; Treatment tanks.

No Monitoring required as per guidance notes.

Process Stage 6.

Air; Combustion emissions, steam, fume, particulates,

Category (i) Point source; Abatement plant chimney.

Constant particulate monitoring undertaken.

Mass emission = Average 2.17268 mg/m^3 at 15 min intervals. W/E Saturday 3rd April 2004.

Stack emissions 16,000 M^3 per hour @ maximum revolutions.

Maximum revolutions in operation for 1/3rd of working time.

No of Hours per working week 100.

Therefore 100/ 3 = 33.3 hrs x 16,000 M^3 x average reading (2.17mgs.) = 1156 grams. Per week. x 50 No operational weeks = 57.808 kgs per year.

Note ; Water discharge ; Surface water run off only, no consents required.

CLARK-DRAIN

THE DRAINAGE COMPANY

GP5

Huntingdonshire

District Council

LA-IPPC12/92 B2.3.GP5.

Emission Prevention.

Process Stage 1 Delivery, storage & handling of raw materials.

Water;
Bulk storage vessels bunded to prevent accidental run off into land/water.
Non bulk chemicals stored in containers, to prevent accidental run off into land/water.
Land;
Bulk storage vessels bunded to prevent accidental run off into land/water.
Non bulk chemicals stored in containers, to prevent accidental run off into land/water.
Air; . Not significant as per guidance notes.
Waste; Not significant as per guidance notes.
Energy; Not significant as per guidance notes.
Accidents; See as Land/Water.
Noise; Not significant due to location.

Process stage 2 Degreasing & Pickling.

Water; Used rinse water used for make up of Pickling/Degreasing tanks.
Land; All treatment tanks bunded.
Air; . Unheated tanks used, Pickling inhibitor used, both reduce fume creation.
Waste; Spent liquor used for stripping.
Energy; Not significant, treatment tanks at ambient temperature.
Accidents; All treatment tanks bunded., Note bund = 121.28% of largest treatment tank.
Noise; Not significant as per guidance notes.

Process stage 3 Stripping.

Water; Not significant.Old pickle liquor used.
Land; All treatment tanks bunded.
Air; . Unheated tanks used, Pickling inhibitor used, both reduce fume creation.
Waste; Spent liquor to treatment/recycling facility.
Energy; Not significant, treatment tanks at ambient temperature.
Accidents; All treatment tanks bunded., Note bund = 121.28% of largest treatment tank.
Noise; Not significant as per guidance notes.

Continued.....

Process stage 4 Rinsing.

Water; New water used for make up, this is then used for make up of acid pickle tanks.
Land; All treatment tanks bunded.
Air; . Unheated tanks used. reducing fume creation.
Waste; Used water used for make up of pickle tanks.
Energy; Not significant, ambient temperature.
Accidents; All treatment tanks bunded., Note bund = 121.28% of largest treatment tank.
Noise; Not significant as per guidance notes.

Process stage 5 Fluxing.

Water; New water used for make up. Additions made from scrubber unit.
Land; All treatment tanks bunded.
Air; . Not significant.
Waste; Spent liquor to treatment/recycling facility.
Energy; .Tank thermally insulated, and temperature thermostatically controlled
Accidents; All treatment tanks bunded., Note bund = 121.28% of largest treatment tank.
Noise; Not significant as per guidance notes.

Process stage 5 Galvanising.

Water; Water for scrubber unit, recycled into flux tank.
Land; Not significant..
Air; . Combustion emissions directed through purpose built wet scrubber unit to remove particulates.
Waste; Ash & Dross sold to reclamation facility.
Energy; .Bath thermally insulated, and temperature thermostatically controlled. Bath covered when not in use.
Accidents; Scrubber unit protected by rails to prevent accidental damage/Spillage
Noise; . Fans/Boosters, noise survey indicates not significant.

Process stage 6 Post Treatment.

Water; Quench solution lost as steam. No method of prevention practical.
Land; Not significant..
Air; . Steam from quench tank. No method of prevention practical.
Waste; Spent Liquor to treatment/recycling facility, filtration of liquor under investigation.
Energy; .Not Significant.
Accidents; All treatment tanks bunded., Note bund = 121.28% of largest treatment
Noise; . Not significant.

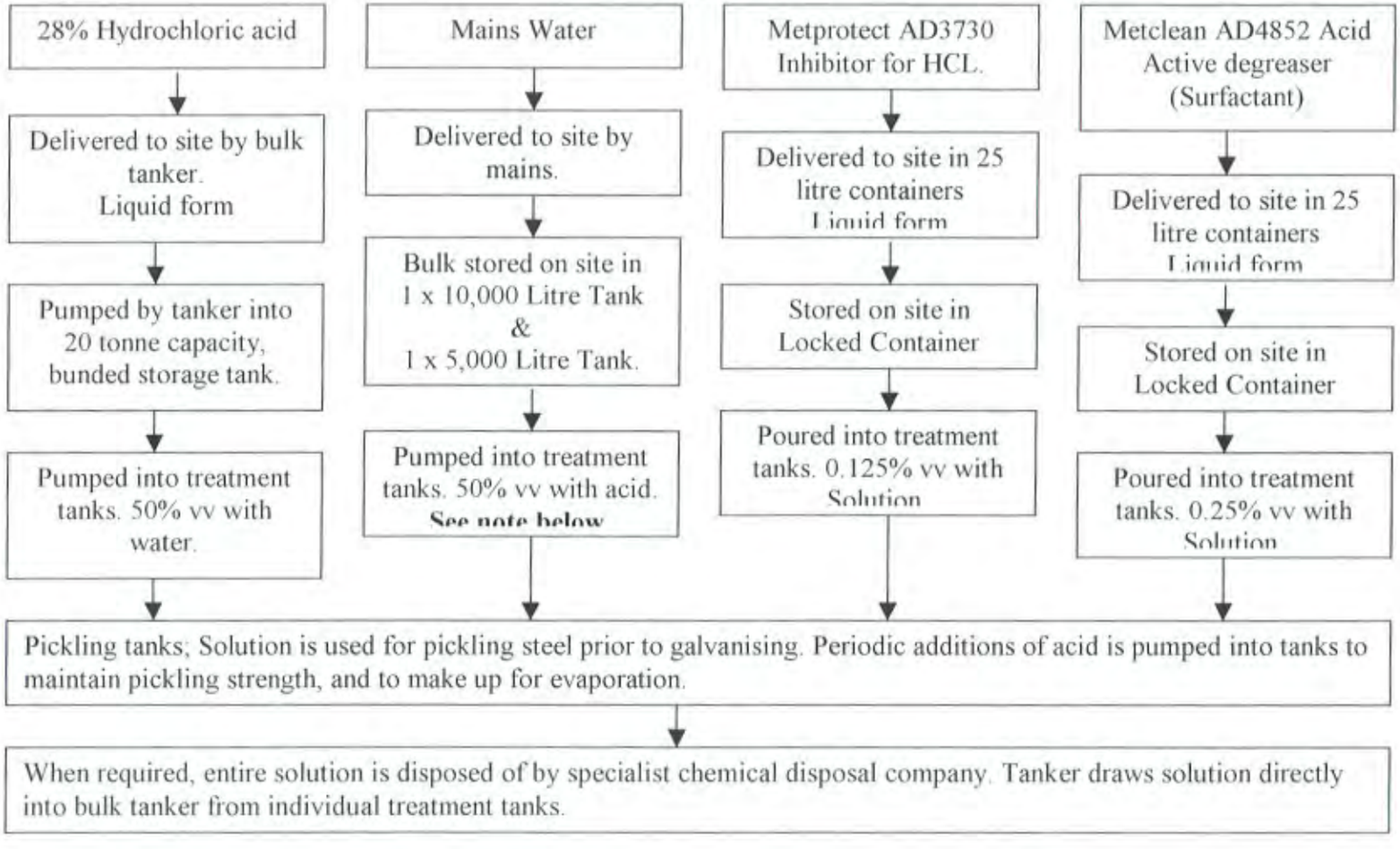
CLARK-DRAIN
THE DRAINAGE COMPANY

GP6

Huntingdonshire
District Council

Clark-Drain Materials Usage Report.

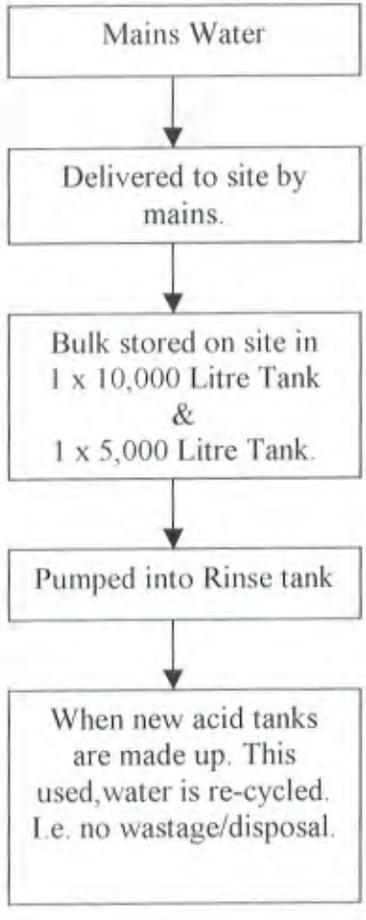
Pickling (Acid) Tanks.



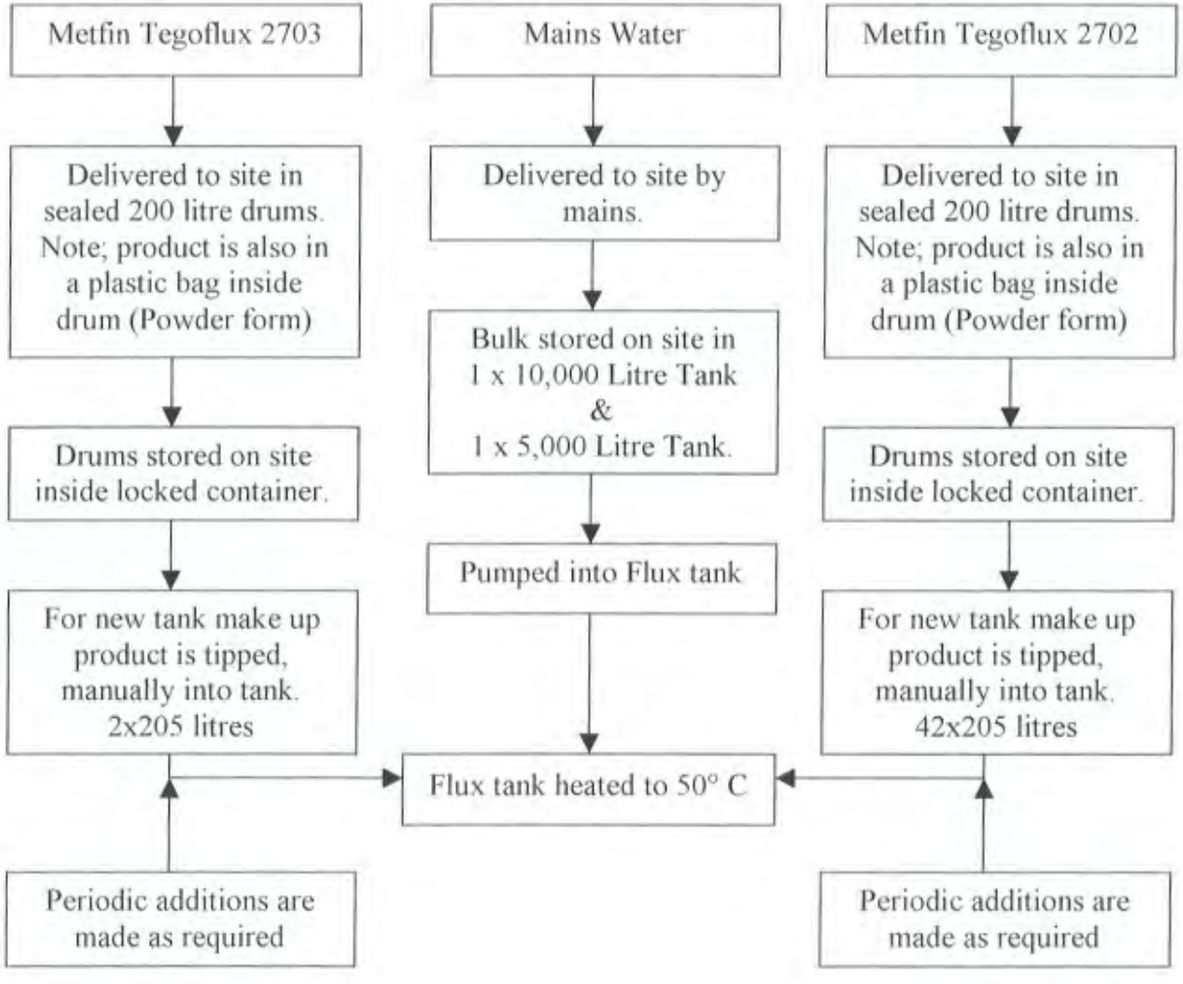
Note ; Used water from rinse tank is used for make up of new acid tanks.

Continued.....

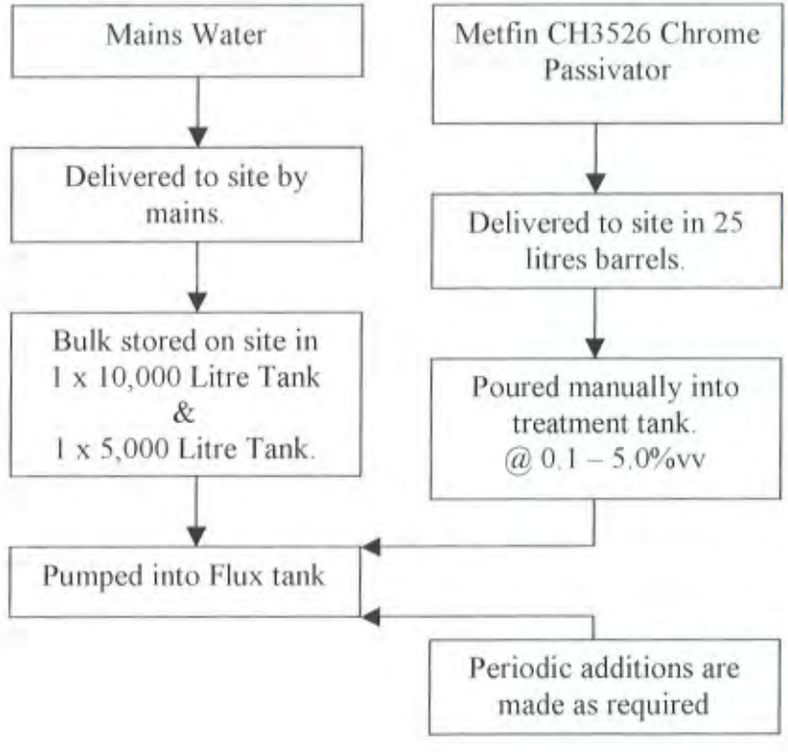
Water Rinse Tank.



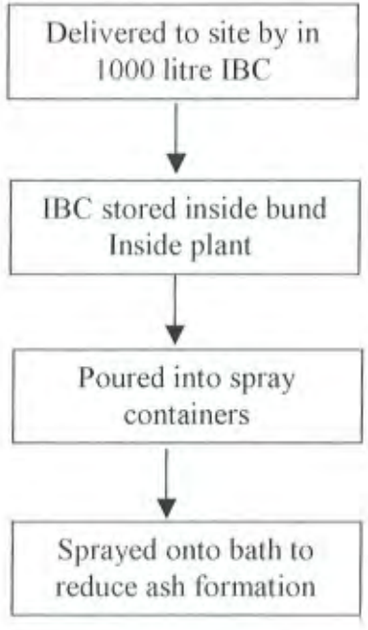
Flux Tank


Metfin Tegoflux 2703
Mains Water
Metfin Tegoflux 2702
Delivered to site in sealed 200 litre drums. Note; product is also in a plastic bag inside drum (Powder form)
Delivered to site by mains.
Delivered to site in sealed 200 litre drums. Note; product is also in a plastic bag inside drum (Powder form)
Bulk stored on site in 1 x 10,000 Litre Tank & 1 x 5,000 Litre Tank.
Drums stored on site inside locked container.
Drums stored on site inside locked container.
Pumped into Flux tank
For new tank make up product is tipped, manually into tank. 2x205 litres
For new tank make up product is tipped, manually into tank. 42x205 litres
Flux tank heated to 50° C
Periodic additions are made as required
Periodic additions are made as required

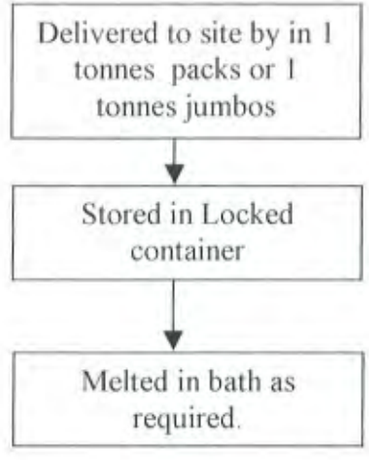
Di-Cromate Tank.



Zinc Ammonium Chloride.(Triple Salt)



High Grade Zinc.



CLARK-DRAIN

THE DRAINAGE COMPANY

GP7

Huntingdonshire
District Council

LA-IPPC12/92 B2.5. GP 7

Waste.

Dross/Hard Spelter.

Method of Disposal. Sold to Flex-Dart T/A Metalic Extractors.

Tel ; 01217473611. Ian Fraser to send details of waste stream.

Zinc Ash.

Method of Disposal. Sold to Flex-Dart T/A Metalic Extractors.

Tel ; 01217473611. Ian Fraser to send details of waste stream

Spent HCL.

Method of Disposal. Sub-Contracted to United Utilities.(Ex. Park Environmental).

Environmental appraisal; See attached method statement from United Utilities.

Recovery on site; Lack of space would make this impractical.

Methods of minimising waste production.

1. Acid is used for the maximum length of time as possible before disposal.
2. Additions of neat acid are made to maintain pickling strength.
3. Disposal is only made in the maximum permitted load i.e. 20 Tonnes.
4. Spent acid is used for striping.
5. Jig hooks are kept zinc free as much as possible, by the use of "one time use only" annealed wire.
6. Pickling inhibitor is used to maximise pickle liquor "life"
7. All tanks are bunded to avoid fugitive emissions.

Spent Flux.

Method of Disposal. Sub-Contracted to United Utilities.(Ex. Park Environmental).

Environmental appraisal ; See attached method statement from United Utilities.

Recovery on site; Lack of space would make this impractical.

Methods of minimising waste production.

1 Flux is tested monthly and additions of chemicals are made to a, maintain integrity of the solution, and b, to neutralise acid content.
2. Treatment tank is sited within bund to avoid fugitive waste.
3. Heating of tank is thermostatically controlled and tank is thermally insulated.

Spent Di-Chromate Solution.

Method of Disposal. Sub-Contracted to United Utilities.(Ex. Park Environmental).

Environmental appraisal; See attached method statement from United Utilities.

Recovery on site; Lack of space would make this impractical.

Methods of minimising waste production.

1. Experiments are being carried out to filter sludge solids from solution to extend tank life & reduce waste.
2. Treatment tank is sited within bund to avoid fugitive waste.

Scrubbing Liquor.
Recycled into flux tank.

Combustion emissions from the galvanising bath.

Fume from the galvanising bath is contained within an enclosure, from where it is withdrawn by an extractor system through a wet scrubber unit, which removes particulates, to an acceptable level, i.e. 15mgs/M^3.

United Utilities

Gwent Waste Management Centre
Corporation Road
Newport
South Wales NP19 4RD
Tel: 01633 270899
Fax: 01633 271999

TREATMENT METHOD STATEMENT

PRODUCER: *Clark Steel*

MATERIAL: *HCL, Waste Flux and Quench Solution*

1. The tankers on arrival are weighed in, sampled and validated.

2. The waste is then discharged into one of four unloading areas.
   - *Neutral Sludge*
   - *Oily Waste*
   - *Acid Waste*
   - *Reactive Waste (including cyanides and strong caustic compounds)*

Each waste type is transferred to the appropriate holding or treatment tanks.

The sludges enter an enclosed and extract ventilated pit, this ventilated structure also houses the tanker wash out facility. The rinse water from the tanker drains straight into the sludge pit where the waste is then screened. Any heavy solids are removed, washed and then disposed off, the light solids are macerated. The resultant slurry is then pumped to the main treatment tanks.

The physico-chemical treatment processes involve a mixture of treatments including neutralisation, precipitation, oxidation and reduction techniques. The treated slurry is then filtered using plate filter presses to give:-

1. *Filter Cake – which then can be disposed of at an engineered landfill.*
2. *Solids free liquid – which then can be discharged to sewer.*

Throughout the above processes samples are regularly taken and monitored in our fully equipped laboratory

METALLIC EXTRACTORS
MARSH LANE, WATER ORTON, BIRMINGHAM B46 1NS
TELEPHONE: 0121 776 7099 FAX: 0121 749 3769
e-mail: scrap@beavermetals.com
Web Site: beavermetals.com

FACSIMILE MESSAGE

TO: **MARK GILBY**
CLARK DRAIN LIMITED

FAX NO: **01733 246 912**

DATE: **18/05/04**

FROM: **IAN FRASER / BRIAN SIGLEY**
METALLIC EXTRACTORS

MESSAGE

As requested please find attached a copy of our Controlled Waste / Carriers Licence.

Regards,

IAN FRASER / BRIAN SIGLEY

ENVIRONMENT AGENCY

CERTIFICATE OF REGISTRATION UNDER THE CONTROL OF POLLUTION (AMENDMENT) ACT 1989

Regulation Authority
Midlands Region - Upper Trent

Sentinel House
9 Wellington Crescent, Bradley Park
Lichfield
Post Code: WS13 8RR
Telex: Fax:
Tel: 01543 444141

[illegible] information is hereby certified by the above-mentioned authority [illegible] of this certificate† is entered in the register maintained [illegible] of the Controlled Waste (Registration of Carriers and [illegible]

Flexdart Ltd

WAR/850155

Flexdart Ltd

Marsh Lane
Water Orton
Birmingham
West Midlands
B46 1NS

Tel: 0121 776 7099 Telex: Fax: 0121 749 4789

Date of registration: 27/03/2004

Date of expiry of registration*: 27/03/2007

Date on which last amendment (if any) was made to the carrier's entry in the register: 27/03/2004

Signature of authorised officer of the regulation authority:

Date: 07 JAN 2004

[See note] Team Leader Customer Contact & Authorisations

CLARK-DRAIN
THE DRAINAGE COMPANY

GP8

Huntingdonshire
District Council

CLARK-DRAIN

THE DRAINAGE COMPANY

GP9

Huntingdonshire
District Council

LA-IPPC12/92
B2.7 GP9

The Galvanizing bath is 6.4 long x 1.2 wide x 1.83 deep it is heated by natural gas and thermostatically controlled to a working temperature of 450c. The maximum throughput is 4 tonnes/hour the fuel consumption is 21.5 therms/hour 629 kw. When standing the fuel consumption is 7.3 therms/hour 215kw. When not in use the bath is covered by insulated covers the fuel consumption 4.1 therms/hour 119kw. The combustion fan and other controls use 7.0kw per/hour.
We have recently changed over to a natural gas thermostatically controlled hot water boiler to heat our Flux tank; two 12kw electrical heaters previously heated this.
We are continually looking for ways to save energy and have recently asked Trident Utilities Limited on to our site to identify ways that we can save energy.

TRIDENT UTILITIES LIMITED

How Action Energy can help YOU

Action Energy offers a range of free products and services for business and public sector organisations to save energy - and money.

Businesses who have used Action Energy are saving thousands of pounds- shouldn't yours be one of them?

Take advantage of...

- **Free on-site Action Energy Surveys** - a visit by an energy expert will identify achievable savings and provide a tailored action plan.
- **Action Energy Loans** - Interest-free loans of between £5,000 and £50,000 for small and medium-sized enterprises for investment in energy-saving equipment.
- **The Enhanced Capital Allowance scheme** - a tax-break on investments in energy-saving technologies and products.

Contact Trident on 01253 292972 or Email d.robertson@tridentutilities.co.uk for more information on how we can help you to take full advantage of the Action Energy Programme.

ACTIONenergy
From the Carbon Trust

CLARK-DRAIN

THE DRAINAGE COMPANY

GP10

Huntingdonshire
District Council

LA-IPPC12/92
B.2.8 Doc GP10

System to be used in the event of unintentional release and there consequence.

The Pickling tanks are made from 6mm mild steel plate reinforced with 6x3 channels @ 36" centers internally lined with Celvin and 20mm polypropylene, the largest tank being 13.0m x 1.5m x 2.2m deep.
The tanks sit on a Bund made from 30 Newton concrete with steel reinforced mesh, with a perimeter bund wall approximately 400mm high constructed around the concrete pad from blue engineering bricks. Within this a 20mm thick polypropylene floor is laid up and over the blue engineering bricks the bund has been designed to take 110% of the largest pickling tank.
In the center of the bund is a sump this catches any spillages or drips before galvanizing this fluid is then pumped back into the pickling tanks.
In the unlikely event of a tank failure the bund will contain all of the fluid the majority of this can then be pumped into the other pickling tanks the remainder if any will be taken away by tanker.
If for any reason the bund ruptured allowing fluid to escape, the natural fall of the floor would mean the fluid would run towards the doorway this would need to be contained using the chemical spill kit mounted on the exit door. Further spill kit and drain covers will be mounted on the boundary wall at each manhole.

RISK ASSESSMENT FORM **CLARK-DRAIN LTD 2004**

We need to do assessments to ensure that our actions or decisions present as little risk as possible to the people working here or our neighbors or the environment or property. The ideal is to remove the source of risk as a first priority, if not feasible reduce the effects of the risk, frequency of the risk happening etc. There is a parallel here in COSHH assessments where the first step is to try and stop using the dangerous material and use a safer substitute. If such a change is not possible then exposure must be reduced (better handling equipment, fume cupboards etc.) and adequate protection provided (and training).
There are various times we should do a risk assessment (RA), these are listed below, please tick the appropriate heading before filling in the rest of the form.

*.... Daily informal RA as part of job routine spots a problem
*..... Change in operational circumstances prompting a RA (e.g. new mc, new project, new methods)
*..... Reported accident or near miss prompts a RA
*...✔...Change in law prompts a RA revision
*..... Formal RA management survey on due date
*..... Review of previous problem area on due date (see bottom of this form)

ASSESSOR; H Fletcher AREA; Galvanising Department. DATE; 01/06/04

RISK DETAILS. Risk of damaged bund allowing fluid to be released into workshop.

ACTION TAKEN IN EMERGENCY e.g. Use spill kits and drain covers to contain fluid.

PERSONS NOTIFIED AND HOW

PREVENTATIVE ACTION. Regular checks on bund wall for damage

RISK CLEARED (sign	POS'N	.DATE

NEXT REVIEW DATE **Action to be taken by. H fletcher**

O:\H & S\FORMS\RISKASSE.doc

RISK PROGRESS DETAILS

ACTION:
Purchase spill kits and manhole drain mats, position on exit wall and drain area's
SIGN: **DATE:**

ACTION:
.
SIGN: **DATE:**

ACTION:
SIGN: **DATE:**

ACTION:	
SIGN:	DATE:

CLARK-DRAIN

THE DRAINAGE COMPANY

GP11

Huntingdonshire
District Council

LA-IPPC 12/92. B2.9 GP 11

NOISE AND VIBRATION SURVEY – CLARK-DRAIN GALVANISING DEPT.

This survey was carried out over two dates in order to assess the escaping noise and vibration profile as required under section B2.9 of the permit application.

Equipment used
Bilsom integrated sound level meter – model number 323.

Operator and competence
Martin S Rayner.
Certified as a competent person as defined by the HSE. Copy of certificate enclosed.

Calibration and measurement
Before each test session the meter was calibrated at 94 dbA using a fixed constant tone device, as supplied by the manufacturer. After each session the calibration was checked again and in all cases the instrument remained in calibration and the results were taken as valid.
The meter was set to read on the A scale (i.e. attuned to human hearing responses).

Survey Method
For each survey date and each site (e.g near and far outer doors) the busiest period for the busiest shift (day) was ascertained in conjunction with the galvanising manager. The sound meter was set to run for a 30 min period and left at 1m from the outside of each of the doors to measure "escaping noise". Whilst in operation the meter collected data and averaged the sound level over the period.
This method of averaging sound data was the same as employed within the factories for Health and Safety checks.
Whilst the meter was running a physical check was carried out for any ground borne / transmitted vibrations. Air born vibrations appear as sound.

Main sources of noise and vibration
These were identified as the galvanising bath extraction and the electric motor for the scrubber fan. Consequently tests were carried out just outside the (open) building doors in order to measure the escaping or "environmental " noise.

Results - sound
1 April 04
Near door (adjacent to fabricating shop)
80 dbA
Far door (towards end of site)
73.4 dbA
Scrubber fan motor
75.2 dbA

26 May 04
Near door
80.1 dbA
Far door
73.8 dbA

Results – vibration
On both test dates the whole site was tested using feet, hands and spring wires as sensors. The only area of escaping vibration was found just under the extraction / scrubber fan motor. This extended to no more than 1m from the base, into the main site concrete slab.

Interpretation of results
The galvanising plant operates alongside a fabricating shop. Isolation of noise peculiar to the plant is difficult. The noise measurements above were:

- Taken deliberately during the busiest sessions (and thus represent the highest probable values, the average over the day being lower).
- Include some un avoidable background noise from the rest of the site
- Included some off galv site noises such as off loading skips (01/04/04) and a passing intercity train (26/05/04).

The one incidence of transmitted vibration is into a massive ground slab and it is considered that no effect will be felt more than 2m away from the source.

The dbA measure is on a logarithmic scale and careful interpretation is required to ensure the right "math" is used.
The effect on the nearest sensitive areas can be calculated using the fact that for each doubling in distance a reduction of 6dbA occurs.
As a reduction of 3 dbA results in a 50% reduction in noise level, it can be seen that under the "square rule" a doubling of the distance results in a reduction factor of 4.

It could be considered that the nearest sensitive site is the residential housing at the Junction of Broadway and Station Rd. Any noise measurements here would also include the main factory and plastics activities and thus not be a true isolation picture for the galvanising plant application. The significance of the "galvanising"noise signature could however be calculated by the above mathematics. The calculation used below is deliberately on the over cautious side and actual results if capable of being measured would be lower.

Max escaping noise 80dBA
Point of escape – doorway
Distance of meter from point of escape 1m
Distance to houses 175m
Expected noise signature at various distances 2m/74, 4m/68, 8m/62, 16m/56, 32m/50, 64m/44, 128m/38, 256m/ 32dBA.
Therefore at the houses we could expect between **32 and 38dBA** as a <u>maximum</u> during busiest times only.
For comparison to "everyday events" the following will be useful.
Heavy lorry at 7m = 80dBA (similar to galv plant profile at source.)

Normal conversation = 50-60 dBA
Loud radio = 65-75 dBA
Busy street = 78-85 dBA
Quiet whisper = 30 dBA.

Methods for control of noise and vibration.

The following methods for control are current.

1. regular noise surveys
2. preventative maintenance of extraction equipment and motors
3. approval of new equipment for noise profile before purchase
4. new equipment or operations to be at least equal and preferably better than current.
5. outer doors to be closed whenever feasible.
6. continued use of "worst case" measures (as above) to formulate policy.
7. Galvanising plant manager responsible for continual assessment and improvement plans

Conclusions

The galvanising plant noise signature should not present a nuisance.

BILSOM GROUP

CERTIFICATE OF ATTENDANCE
HEARING CONSERVATION

Delegate ..... MR M RAYNER .....

Company ..... CLARKSTEEL LIMITED .....

Course Date ..... 11TH/12TH JULY 1995 .....

Course Location ..... ODIHAM .....

This Certificate is to confirm that the above named person attended a two day Hearing Conservation course designed to give the training necessary for a delegate to become a "competent" person as the term is used by the Health & Safety Executive.

The course embraced basic acoustics, the anatomy of the ear and Noise Induced Hearing Loss, personal protection, the choice of the correct meter for a noise survey, the measurement of noise and interpretation of the result, including the 1989 Noise Regulations, the civil courts and out-of-court settlements, the use of safety glasses and other items with hearing protectors, noise control at source, the calculations required to decide whether a hearing protector is suitable for use in a given noise environment, the calculation of $L_{EP,d}$ and risk assessment.

The course also included $3^1/_2$ hours of practical work on the use of sound level meters and audiometers, and a one hour practical session on the calculation of $L_{EP,d}$ and the method of assessing the suitability of a given hearing protector for use in a particular noise environment.

S J Karmy

Dr S J Karmy
COURSE TUTOR

CLARK-DRAIN
THE DRAINAGE COMPANY

GP12

Huntingdonshire
District Council

LA-IPPC12/92 B2.10 GP12.

Monitoring.

Water.
Monitored by invoices.

Air.
Particulate emissions to air.
Fume from galvanising bath after scrubbing treatment monitored by particulate monitor. Reading taken every 15 seconds and average calculated every 15 minutes. Graph produced and filed weekly.

Waste.
Monitored by invoices.

Energy.
Monitored by invoices.

Accidents.
Recorded at time of incident and audited annually.

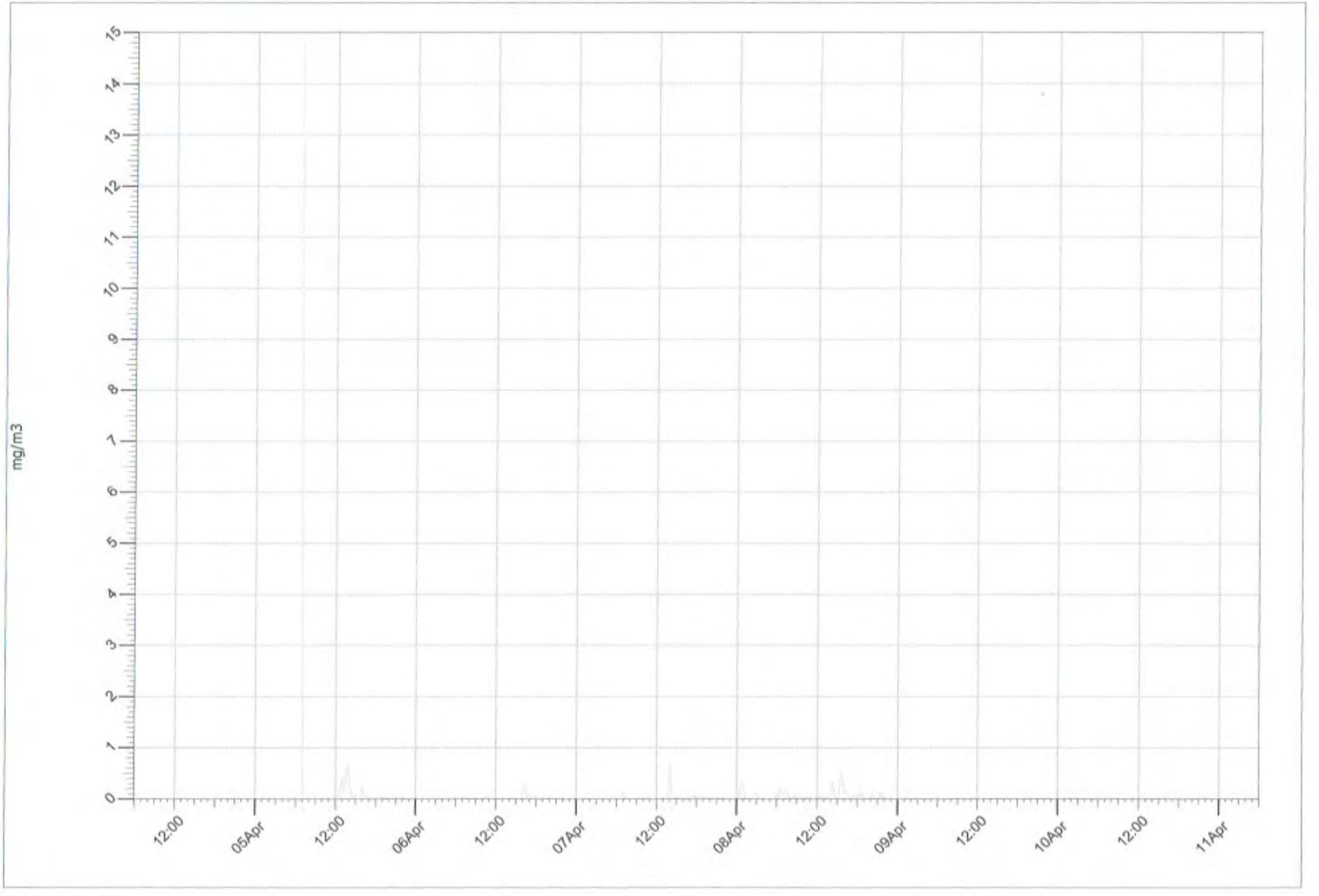
Noise.
Annual Noise survey.

Emission Report

Company: Clark-Drain Ltd Contact:

From: 04 Apr 04 06:00:00 To: 11 Apr 04 06:00:00

Device 0 : --- Channel 1 Cal Factor: 5.66 (constant) Average: 0.0702035 Averaging Period: 15 mins Maximum: 14.7578



CLARK-DRAIN

THE DRAINAGE COMPANY

GP13

Huntingdonshire
District Council

1. MAKE DECISION TO CEASE ACTIVITIES
2. ASSIGN SPECIAL TEAM
3. ENVIRONMENTAL RISK ASSESSMENT
4. ENSURE ANY CONTRACTORS PROPERLY BRIEFED
5. SET TIMETABLE FOR A CONTROLLED RUN DOWN
6. STOCKTAKE AND PLAN REDUNDANCY OF ANCILLARY MATERIALS. ARRANGE "USE OR RETURN" TOWARDS THE END
7. REDUCE NUMBER OF ACID TANKS IN USE
8. AS ACID TANKS EMPTY – USE AS RINSE TANKS
9. REDUCE NUMBER OF RINSE TANKS IN USE
10. AS RINSE TANKS EMPTY – CLEAN OUT
11. STORE FLUSHES FROM RINSE TANKS AND USE TO TOP UP / DILUTE
12. SHUT DOWN WET ACTIVITIES
13. REMOVE CLEAN TANKS-CLEAN DOWN BUND
14. ARRANGE CONTROLLED DISPOSAL OF WASTE – TRY TO SELL XS MATERIALS TO OTHER OPERATORS RATHER THAN DISPOSE
15. PUMP OUT ZINC TO CLEAN DRUMS – SEAL TOPS
16. CLEAR OUT ASH / DROSS STORES FOR SPECIALISED SALE / DISPOSAL.
17. DISMANTLE BATH AND SCRAP AS METAL OR SELL
18. DISMANTLE FUME EXTRACTION TAKING PRECAUTIONS AGAINST DUST BEING WIND BLOWN ETC. – IF BREAKING UP, DO SO INSIDE THE NOW REDUNDANT BUILDING.
19. GENERAL SITE CLEAN UP AND ENVIRONMENTAL SURVEY
20. TAKE ANY ACTIONS REQUIRED BY THE SURVEY.

CLARK-DRAIN
THE DRAINAGE COMPANY

GP14

Huntingdonshire
District Council

LA-IPPC 12/92 B2.12 GP14

Policies and Procedures

As an organisation Clark-Drain are actively implementing an Environmental Management System that will become accredited to the requirements of ISO14001.

1 Quality and Environmental Policy

All employees of Clark-Drain have a duty to ensure the products and services meet or exceed customer expectations, and a duty to protect and preserve the environment.

To support these aims Clark-Drain has implemeted a Quality Management System that satisfies the requirements of ISO9001:2000 and an Environmental Management System that satisfies the requirements of ISO14001:1996. The QMS and EMS, forming an Integrated Management System, will be maintained.

The products and services of Clark-Drain, and the underlying structure and procedures, will be continually improved to;

- Reduce raw material content
- Reduce or remove packaging waste
- Prevent pollution
- Ensure compliance with applicable legal requirements
- Ensure the assurance of quality coupled with the understanding and meeting of customer needs.
- Identify the processes that are critical to product quality and customer satisfaction.
- Ensure that our resources, process control and standards are managed in such a way to support the quality and environmental policy.
- Embrace new technologies, process developments and process improvements
- Communicate and celebrate our achievements
- Maintain staff training in quality and environmental issues

The Policy forms the foundations of the IMS

2 Planning

2.1. Quality and Environmental Objectives.

Senior management within Clark-Drain will ensure that all necessary quality and environmental objectives are established at the appropriate function level and that these objectives match the stated quality and environmental policy.

The main quality objectives are;

Quality of service

Customer satisfaction
On time deliveries within a 5 day lead time
Production output improvement to support the 5 day lead time
Customer complaint reduction

The main environmental objectives are;

Each objective will be measurable.

2.2 Integrated Management System Planning.

Senior management within Clark-Drain will ensure that the planning of the integrated management system meets the requirements of Section 1 of this IMS Manual and that system integrity is maintained when changes are implemented.

3 Responsibility, authority and communication

3.1 Responsibility and authority.

The responsibility and authority of all key members of Clark-Drain will be defined and communicated throughout the company. With the exception of the Management Representative (below), the responsibility and authority of key personnel will be found in the respective job description.

3.2 Management Representative

Clark-Drain has appointed the Quality Manager to act as the company management representative, with the authority to;

- Establish, implement and maintain an Integrated Management System that satisfies, in full, the requirements of ISO 9001:2000 and ISO 14001:1996, and to ensure that these requirements are effectively communicated within Clark-Drain
- To liase with external parties having an implied interest in the integrated management system
- To ensure that continuous improvement activities are co-ordinated and are effective
- To act as the customers' representative in the determination of the customers' requirements

3.3 Internal Communication.

Communication lines and links within Clark-Drain will be determined and established by top management, especially with regard to the integrated management system.

4 Management Review.

At intervals agreed, a management review will be convened to determine the continued effectiveness and applicability of the integrated management system installed within Clark-Drain. Areas and opportunities for improvement will form part of the review.

The review shall have inputs and outputs clearly defined. A record of each review will be maintained and communicated.

5 Provision of resources

Clark-Drain will determine what resources are needed to

- Implement and maintain the quality and environmental management system
- Ensure customers' requirements are met
- Develop continued customer satisfaction

6 Human Resources.

6.1 Competence, awareness and training.

Clark-Drain will ensure that

- The required standard of work or competency is determined for personnel whose activities may effect product quality or environmental issues.
- Where necessary or required, training will be provided and that said training is evaluated
- All personnel are aware of how their activities meet the quality and environmental objectives
- Personnel records are maintained

7 Infrastructure

Clark-Drain will maintain an infrastructure sufficient to assure conformity to product requirements and environmental impacts and aspects

8 Work environment

Clark-Drain will maintain a work environment sufficient to assure conformity to product requirements.

LA-IPPC 12/92 B4.1 GP16

The installation is not within an Air Quality Management Area and there have been no declarations of any AQMA's within Huntingdonshire, Cambridgeshire or Peterborough. A search via the Defra website confirms this and details are attached.

There have been no complaints levied against Clark-Drain (formerly Clarksteel) regarding emissions.

LA-IPPC 12/92 B4.2 GP17

Within the immediate locale of Clark-Drain there is only one SSSI, namely Orton Pit. Designated as a SSSI by English Nature, the site is approximately 1.5 miles from Clark-Drain. There are no known watercourses that connect with the pit and Clark-Drain and therefore no threat to the site is envisaged.

ENGLISH NATURE

nature *on the*

MAPS NEWS HELP

Nature Reserves

Sites of Special Scientific Interest (SSSI)

International Sites

Biodiversity Action Plan Priority Habitats

Geological Sites Map

Advanced Map

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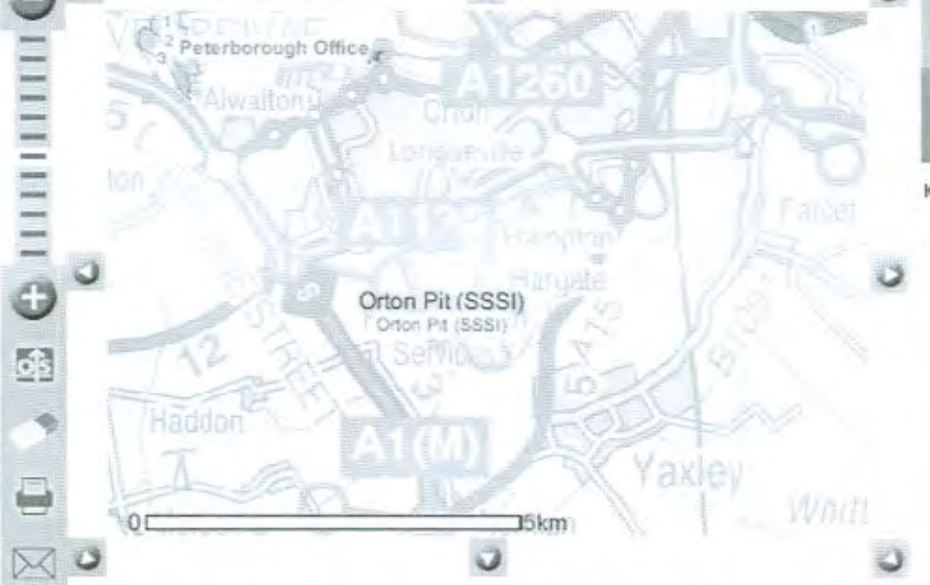

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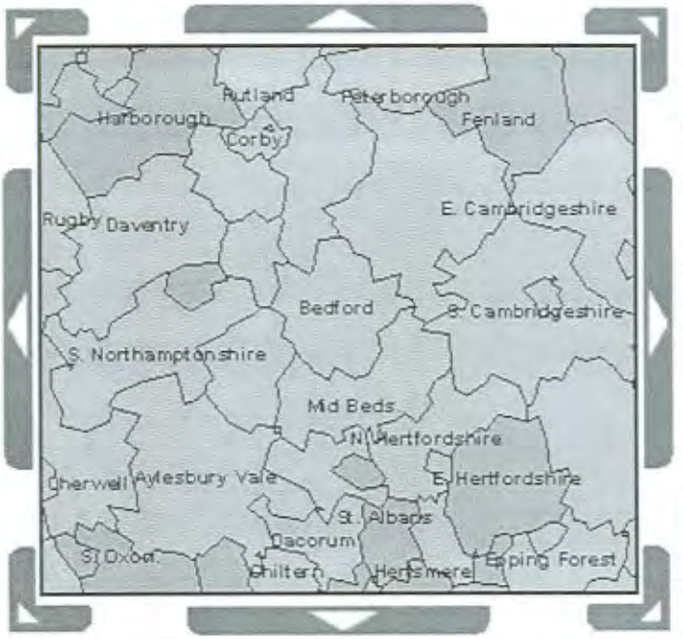
Local Air Quality Management



South Cambridgeshire DC

This Local Authority has completed the review and a process and has not declared any Air Quality Manag

For more information, contact the Local Authority O responsible for the review at env.health@scambs.g

You can find out more on the Local Authority websit http://www.scambs.gov.uk/

Local Authority Selector

Select a Local Authority and click 'Go'

Aberdeen City

KEY

- An Air Quality Management Area has been declared by this Local Authority
- Review completed. No Air Quality Management Area has been declared by this Local Authority
- The Local Authority has not completed the review and assessment process
- The Local Authority has completed the review and assessment process and is evaluating the need for an Air Quality Management Area

Select an Area of Interest

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The Air Quality Archive | Data and Statistics | Frequently Asked Questions | Site map

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SCOTTISH EXECUTIVE

Local Air Quality Management

Peterborough City Council

This Local Authority has completed the review and a process and has not declared any Air Quality Manag

Sorry, we do not have any contact information for tl Authority at the moment.

You can find out more on the Local Authority websit http://www.peterborough.gov.uk/

Local Authority Selector

Select a Local Authority and click 'Go'

Aberdeen City

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Select an Area of Interest

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The Air Quality Archive | Data and Statistics | Frequently Asked Questions | Site map

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Local Air Quality Management

Huntingdonshire DC

This Local Authority has completed the review and a process and has not declared any Air Quality Manag

For more information, contact the Local Authority O responsible for the review at Adrian.Beeching@hunt

You can find out more on the Local Authority websit http://www.huntsdc.gov.uk/

Local Authority Selector

Select a Local Authority and click 'Go'

Aberdeen City

KEY

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Select an Area of Interest

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CLARK-DRAIN
THE DRAINAGE COMPANY

GP15

Huntingdonshire
District Council

LA-IPPC12/92 B.3.1 GP15

Site Report

Please be advised an order has been placed with professional International consulting Engineers Abatech International Limited to carry out all necessary works required to be included within a site report that demonstrates the condition of the land on the site of the installation as per the requirements of B.3.1 Application for an A2 Permit.

As soon as this Report is made available a copy will be provided to Huntingdon District Council for this application.

Contact Details Are As Follows:

Chris Storey BSc(Hons),FGS
Engineering Geologist
Mr Chris Storey
Abatech International Limited
Abatech House
Bull Close Road
Lenton
Nottingham
NG7 2UL

Telephone 0115 – 986 - 5022