

RED-054

REDLAND AGGREGATES LTD
FAIRLOP LANDFILL

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OUTGOING

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CONTROL OF POLLUTION ACT 1974.

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Redland
 AGGREGATES

DISPOSAL LICENCE

The London Waste Regulation Authority (hereinafter called the 'Authority') pursuant to section 5 of the Control of Pollution Act 1974 hereby authorises the deposit by Steetley Construction Materials Ltd, Gibbet Lane, Shawell, Nr. Lutterworth, LE17 6AA, (hereinafter called 'the holder') of the wastes specified in this licence at the landfill site known as Land adjacent to Hainault and Painters Roads, Fairlop, Redbridge, as shown verged red on drawing Reg No. LWRA/1681 dated 23 September 1986, holder's drawing No. Plan 1 (which site is hereinafter called the 'facility') subject to the conditions hereunder specified.

(This licence does not exempt the holder from complying with other legislation in particular the Radioactive Substances Act 1960, the Health and Safety at Work, etc. Act 1974 and planning, transport, water protection and environmental health legislation).

1. ~~This licence is to take effect from the date hereof and to be effective for the full useful life of the facility.~~
2. Waste shall not be received or handled at the facility except during the following times:-

Weekdays 07.00 Hours to 17.00 Hours

Saturdays 07.00 Hours to 13.00 Hours

Sundays & Public Holidays NO OPERATION



PERMIT

- 3.(a) The location and layout drawings together with the statement of intended methods of operation contained in a document supplied in or at the time of the application for this licence and any later drawings or written statements received by the LWRA in substitution for or in augmentation of such drawings or statements, are hereinafter referred to as 'the operational plan' and give details of how operations are to be conducted at the facility.

- (b) Notification shall be made in writing to the LWRA of any proposed change in the actual conduct of operations from the proposals shown in the operational plan, as altered by any previously notified changes, at least one month before the proposed change is implemented and such change shall not be implemented without the prior written consent of the LWRA.

- (c) Subject to the terms of this licence the holder shall conduct its operations in accordance with the operational plan.

4. Sufficient management and technical supervision shall be provided at the facility throughout operating hours to ensure that operations comply with this licence and the operational plan.

- 5.(a) An identification board of durable material and finish and in a form and location to be approved by the Authority and the Local Planning Authority shall be displayed at the entrance to the facility.
 - (b) The board shall show the following information which shall be easily readable from the public highway:-
 - i) the name of the facility
 - ii) the days and hours when the facility is permitted to be open for the receipt of waste
 - iii) the name, address and telephone number (with extensions if appropriate) of the operator, its local agent if any, the Authority and any other person to contact in an emergency.
 - (c) The site location plan, Reg No. LWRA/1676 dated 23 September 1986 (holder's drawing no W.D.2.) shall be provided, displayed and protected against defacement at the facility entrance.
 - (d) The board shall be maintained in a legible condition.
- 6.(a) The terms of this licence and operational plan and any alteration thereto made pursuant to condition 3(b) hereof, shall be made known to any person who is given responsibility for the management or control of the facility.
 - (b) A copy of this licence shall be displayed at the facility control office where it can be read by the holder's employees and any visitors to the facility.
7. The daily waste input to the facility shall not exceed 2200 tonnes on Mondays to Fridays (inclusive) and 900 tonnes on Saturdays.
 - 8.(a) No wastes other than solid non-putrescible wastes as defined in the Control of Pollution Act 1974 and the Collection and Disposal of Waste Regulations 1988 shall be received or handled at the facility. The types of permitted wastes are detailed in Appendix I.
- (b) No 'special waste' as defined by the Control of Pollution (Special Waste) Regulations 1980 (S.I. 1980 No. 1709), and no other wastes which prior to 16 March 1981 were notifiable under the Deposit of Poisonous Waste Act 1972, shall be handled at the facility.
 - (c) No clinical waste as defined by the Collection and Disposal of Waste Regulations 1988 (S.I.1988 No.819) shall be handled at the facility.

9.(a) Records shall be kept in the form shown in the Annex P of the licence application document, and shall be comprised of the following:-

- i) types of waste received and handled at the facility
- ii) number of skips and of vehicles carrying waste entering the facility each day
- iii) the registered numbers assigned under S19 of the Vehicles (Excise) Act 1971 of the vehicles entering from the facility
- iv) the weight in tonnes of the loads referred to in ii) above.

In the event of a weighbridge not being available the volume of the waste entering the facility shall be recorded in (iv) above as the carrying capacity of each vehicle. The daily total carrying capacity of the vehicles entering the facility shall not exceed 2450 cubic metres on Mondays to Fridays (inclusive) and 990 cubic metres on Saturdays.

(b) All such records shall be made available to the Authority and to any officer of the Authority authorised in writing to enter the facility in accordance with section 91 of the Control of Pollution Act 1974 as and when required.

(c) All such records shall be sent by the holder to the Authority not later than the fifth working day of the following month.

10. Adequate parking and queueing facilities commensurate with the scale of operation must be provided for vehicles off the public highway.

11.(a) Gates and chain-link or solid fencing at least 2.0 metres high shall be provided and maintained around the entire boundary of the facility as shown on drawing registered number LWRA/1676 dated 23 September 1986 (holder's drawing no.W.D.2.). The installation of gates and fencing shall be completed prior to the commencement of the phased filling of areas A & B respectively, as shown on the above mentioned drawing.

(b) Gates shall be locked shut at all times when the facility is unattended. (This condition will be deemed not to be infringed if the facility is contained completely within a similarly fenced and gated area under the control of the holder which is kept locked shut when unattended.)

(c) Gates and fencing shall be provided and maintained in good order to the reasonable satisfaction of the Authority and all reasonable precautions shall be taken to prevent unauthorised access.

12. If operations at the facility are undertaken during any of the hours of darkness adequate lighting shall be provided and used to cover all operating areas of the facility.

13. Pest Control: Regular inspections of the facility shall be made and any infestation or suspected infestation shall be reported immediately to the relevant Local Authority and any necessary action (such as, but not limited to, insecticide treatment) taken to eliminate such infestation.

- (a) The activities to which this licence relates shall not be so carried on as to cause pollution of water or danger to public health or become seriously detrimental to the amenities of the locality affected by the activities.
- (b) A mobile water bowser of a suitable size shall be provided and used to suppress dust being generated by vehicle movements on all internal roads.
15. Adequate measures shall be taken to:-
- (a) Prevent litter from being blown from the facility to anywhere outside the facility.
- (b) Ensure that the facility, including its boundaries, is kept clear of litter and other rubbish irrespective of its source.
- 16.(a) No waste shall be burnt at the facility and emergency provisions shall be made to allow for the discharge of loads found to be on fire or in an otherwise dangerous condition.
- (b) If a load is found to be on fire the Fire Brigade shall be informed immediately.
17. Persons employed at the facility shall be instructed as to the procedure to be adopted in case of fire, including evacuation and fire-fighting.
- 18.(a) Instructions for dealing with fires as supplied by the Fire Brigade shall be displayed where all persons employed at the facility can readily read them.
- (b) These instructions shall be framed and glazed or otherwise protected to avoid defacement.
- 19.(a) Water supplies for fire-fighting purposes and portable fire-fighting equipment shall be available and maintained as recommended by the London Fire Brigade.
- (b) Water supplies shall be suitably protected against freezing.
20. Adequate access to the facility for Fire Brigade vehicles shall be provided and maintained.
- 21.(a) At the first signs of a fire, immediate action shall be taken to extinguish it. If the fire cannot be extinguished immediately all practical steps shall be taken to isolate the fire and prevent it from spreading and the Fire Brigade informed.
- (b) The holder shall give notice in writing to the Authority of any fire within two working days of the outbreak.
22. Properly constructed facility roads shall be provided and maintained in good condition to permit access to and from the working face at all times irrespective of weather conditions.

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23. 3 number 150mm P.V.C rigid perforated vertical pipes shall be evenly placed in each of the eight cells during the infilling of the waste material, in order that the groundwater level and quality can be monitored throughout the infilling period.
- 24.(a) No discharge arising from operations on the facility shall be made or allowed to take place either directly or indirectly to any river, stream, watercourse, underground water or sewer except those which are consented or approved by the Regional Water Authority. A copy of any such consent shall be sent by the operator to the Authority's Waste Control Division.
- Where such consent includes a requirement for works on the facility, such works shall be carried out to the satisfaction of the Authority and the Regional Water Authority.
- (b) The diversion or culverting of any water course, stream or river shall only be undertaken when consent has been given by the Regional Water Authority, the local Planning Authority and this Authority.
- (c) Prior to the commencement and for the duration of the works, all outfalls from ditches shall be provided with weed/soil/litter screens, which shall be kept clear on a regular basis.
25. Waste shall be deposited adjacent to the tipping face and partially compacted by machine before being pushed over the face. Secondary compaction to produce a uniform layer shall then be undertaken.
26. All wastes likely to cause voids shall be crushed, broken up or flattened and covered each day by other wastes in such a position that they are not within one metre of the surface or two metres of the flanks or tipping face.
27. The depth of a layer of waste shall not, after secondary compaction exceed 1.5 metres.
28. The tipping face and flanks shall be compacted to form gradients not steeper than 1 in 3.
29. No waste shall be deposited in water.
30. While waste disposal is in progress all completed areas shall be graded and maintained in a tidy condition and where necessary measures taken to control or destroy weeds.
31. Equipment shall be provided and arrangements made and as often as necessary put into effect to contain and collect spillage of waste anywhere on the facility.
- 32.(a) Wheel cleaning equipment located in the position shown on drawing Reg no. LWRA/1676, dated 23 September 1986 (holders drawing no.W.D.2.) shall be provided, properly maintained and used whenever necessary.

- (b) A properly constructed concrete roadway shall be provided from the wheel cleaning equipment to the public highway .
- (c) The holder must ensure that vehicles leaving the facility do not cause the deposit of any liquid, mud or other debris on the driveways or public highway.
- 33.(a) The restoration of the facility shall be carried out in accordance with the details as shown on drawing Reg No. LWRA/1677, dated 23 September 1986 (holders drawing No. W.D.4)
- (b) At a depth of 2.2 metres below final finished levels as shown on drawing No. LWRA/1677 bench marks shall be installed to indicate the finished top soil profile. These marks shall also indicate the remaining depth to be filled with waste.
34. If deemed necessary by the LWRA a landfill gas and/or leachate control scheme shall be devised, installed and maintained to the satisfaction of the LWRA.
35. Not less than 14 days prior notice shall be given to the Authority of the date on which landfilling is to recommence in the event of a temporary cessation for a period in excess of 3 months.
- 36.(a) No vehicle shall be allowed to enter the facility for the purpose of depositing or collecting waste unless it is designed in such a manner as prevents spillage of waste or deposit of liquid or other debris on the entrance and exit roads within the facility.
- (b) The holder shall ensure that any vehicle entering the facility for either of those purposes is used in such a way as to avoid spillage or deposit of liquid or other debris on the entrance and exit roads within the facility.
- (c) All vehicles and containers holding waste using or being parked or placed on the facility other than in the course of loading or unloading shall be adequately covered if there is any material risk of any of the contents spilling out or being blown away.
37. Appropriate alternative arrangements shall be devised for the disposal or transfer of waste in the event of an interruption of normal operations extending beyond 24 hours.
38. All temporary cessations of a major part of the operations which require the transfer or diversion of wastes delivered at the facility to facilities elsewhere for a period longer than three consecutive days shall be notified to the Authority giving details of the diversion arrangements.
39. The holder shall inform the Authority in writing of its intention to cease operations, 14 days prior to the date on which they are due to cease.

40. For all the purposes of this licence the address of the Authority shall be that of:-

LWRA
Hampton House
20 Albert Embankment
London SE1 7TJ


Signed: Director, London Waste Regulation Authority, the Officer appointed for this purpose

Dated this **25th** day of **June** 1987.

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**CONTROL OF POLLUTION ACT 1974
WASTE DISPOSAL LICENCE**

APPENDIX I

WASTE CATEGORY A: INERT WASTE

Solid, or granular material which either does not decompose or decomposes only very slowly and is virtually insoluble in water.

Waste concrete
Builders rubble (excluding all cellulose material)
Hardcore (excluding all cellulose material)
Excavated materials (except stabilised soil)
Glass

EXCLUSIONS

No wastes included in this category are permitted if they are mixed or contaminated with hazardous amounts of any noxious, poisonous or polluting substances.

All sludges or liquids.

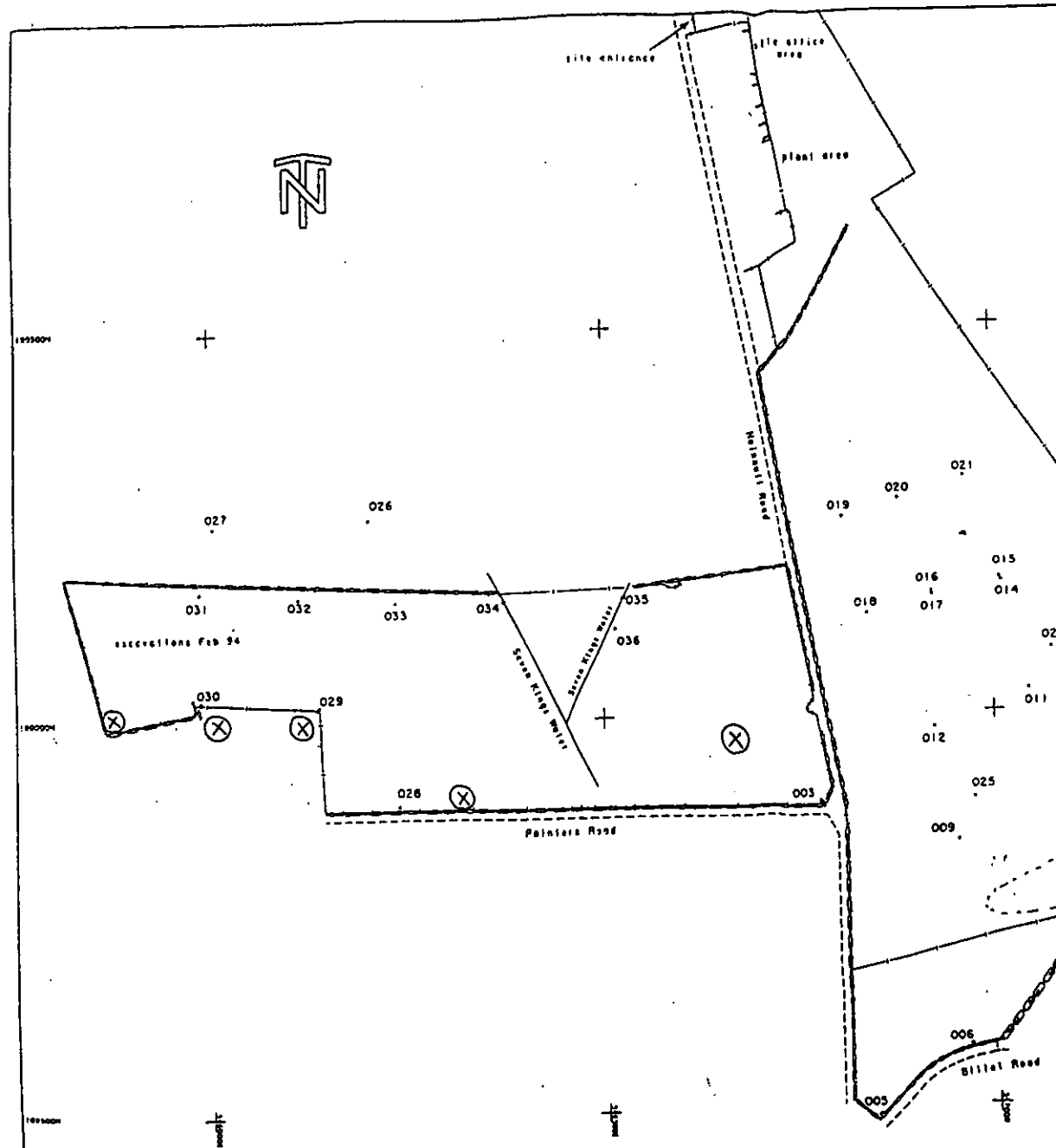


Figure 2
Location of Water Sampling Points
Fairlop Quarry (RED054)

Source: London Waste Regulation Authority

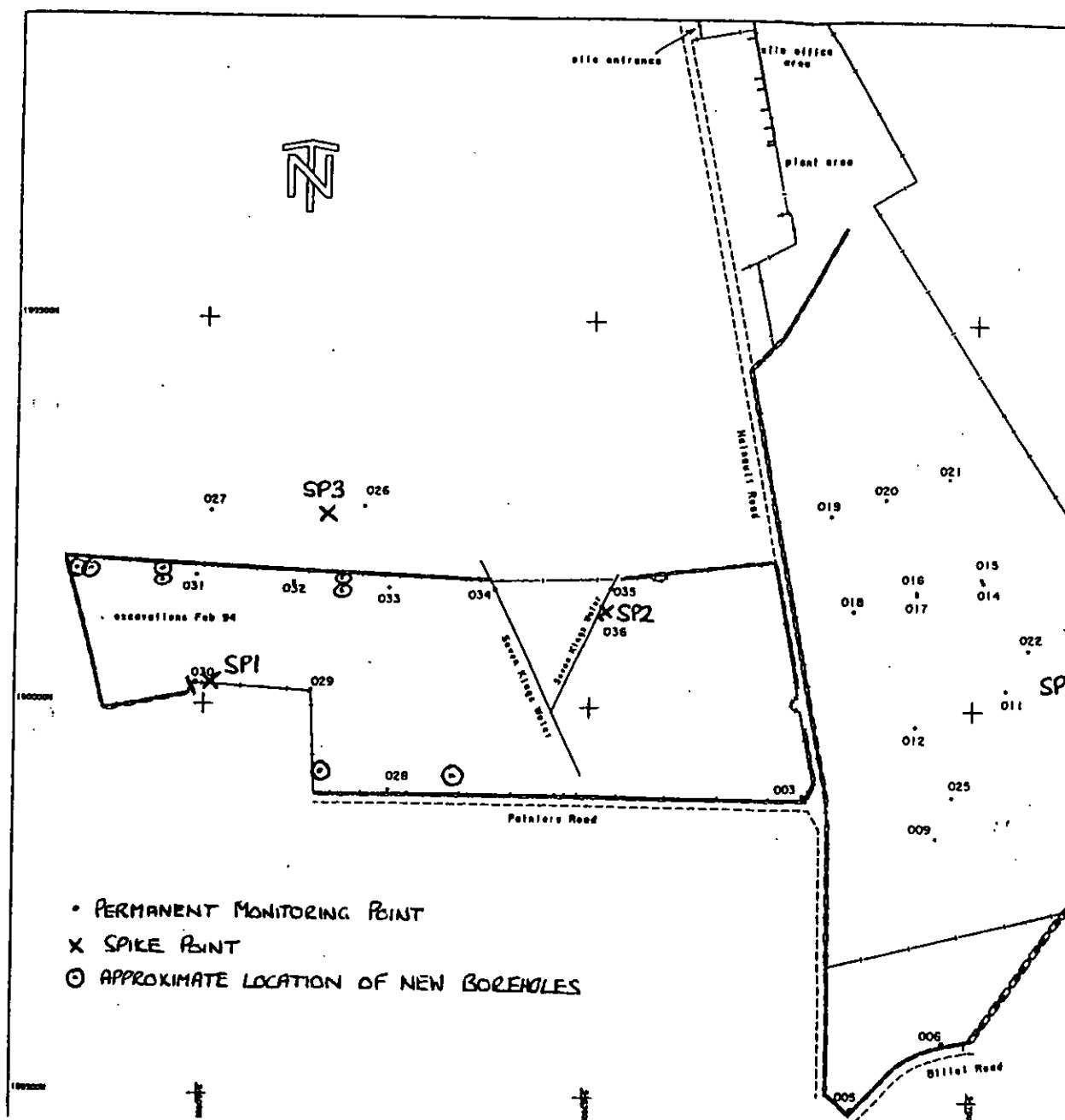


Figure 2: Borehole and Spike Point Locations

Fairlop Quarry (RED054)

Source: London Waste Regulation Authority

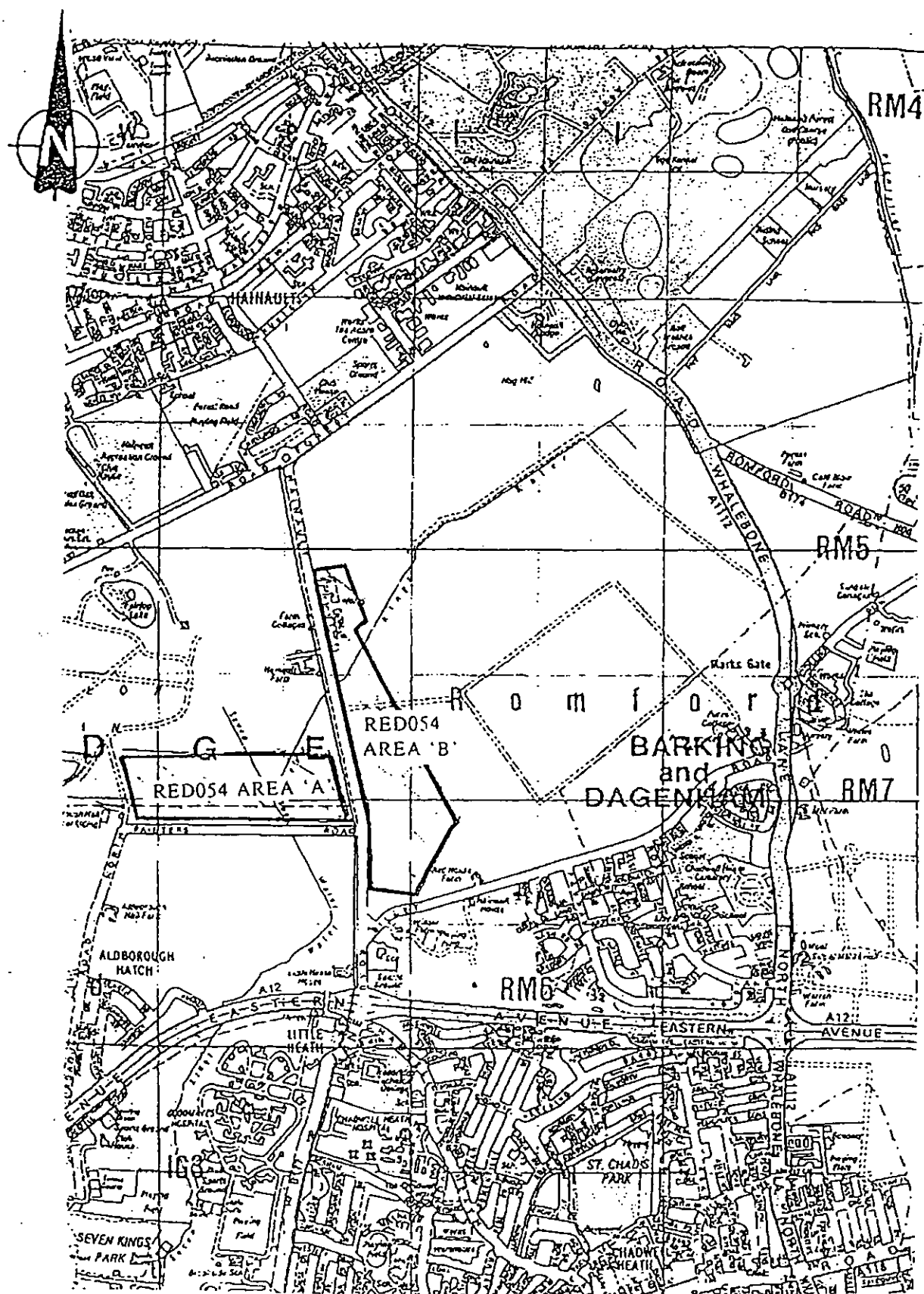


Figure 1: Site Location Map

Fairlop Quarry (RED054)

Source: London Waste Regulation Authority

site entrance



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190000N

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Seven Kings Water

Painiers Road

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200000E

215500E

