

G. P. McLAUGHLIN - Author.

28. 8. 1998



PERMIT

CONTROL OF POLLUTION ACT 1974
WASTE DISPOSAL LICENCE



OUTGOING

LICENCE REF NO:- EAWML57503

FACILITY TYPE:- Treatment Works

The Environment Agency, in pursuance of Part I of The Control of Pollution Act 1974, hereby grant a waste disposal licence authorising the keeping and treating of controlled waste on the land specified in schedule 1 to this licence to North West Water Limited, Lingley Mere, Great Sankey, Warrington those persons being in occupation of the said land, the said licence being subject to the conditions specified in schedule 2 to this licence.

In this licence the words and expressions contained in schedule 2 shall have the meaning assigned to them therein.

SCHEDULE 1.-SPECIFIED LAND

The licence relates to the land at Carlisle WwTW, Willowholme Industrial Estate, Carlisle, Cumbria (hereinafter called "the site") shown edged red on Drawing Reference Number W11417/499/2, dated Nov 92, and attached to this Licence.

Signed

Area Environment Planning Manager (North Area)

Name G. P. McLaughlin

Dated

28. 8. 98.

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY.

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED IN THE
NOTES AT THE END OF THIS LICENCE.

Environment Agency, Ghyll Mount, Gillan Way, Penrith 40 Business Park, Penrith, Cumbria, CA11 9BP

SCHEDULE 2 :- CONDITIONS RELATING TO THIS LICENCE

1. WORKING PLAN

- 1.1. The areas that are the subject of this licence are outlined in red on Drawing number W11417/499/2.
- 1.2. The site shall be operated in all respects as described in the working plan and shall additionally be subject to the conditions below.
- 1.3. The working plan shall consist of the Cumbria County Council Application Form dated 27 April 1993 and all documents, plans, drawings, or other submissions made as part of the application. In the case of any proposals contained in the working plan being contradictory to the licence conditions, the conditions shall prevail.
- 1.4. The working plan may be varied, and such variations shall be deemed to be part of the working plan. No variation shall be brought into effect until details have been submitted in writing to the Environment Agency, and their written confirmation of receipt has been received.
- 1.5. Any notification which the licence holder is required to make under these conditions shall be made to:

Environment Planning Manager
Environment Agency
Ghyll Mount
Gillan Way
Penrith 40 Business Park
Penrith
CA11 9BP

Tel: 01768 866666
Fax: 01768 865606

2. PERMITTED WASTE TYPES

THIS LICENCE RELATES ONLY TO WASTE WHICH IS DELIVERED TO THE SITE BY VEHICLE. WASTE DELIVERED BY PIPELINE IS EXCLUDED FROM THE SCOPE OF THIS LICENCE.

The total quantity of waste accepted shall not exceed 74,999 tonnes per annum. Weekly the amount shall not exceed 2000 tonnes.

Only waste of the following description shall be accepted for treatment.

- 2.1. Liquid and Solid Industrial Waste

Industrial waste as defined by Section 75(6) of the Environmental Protection Act 1990 and Section 5 of The Controlled Waste Regulations 1992.

Liquid waste is defined for the purpose of this licence as waste which, in the conditions in which it is handled, will flow and can be transferred by pump.

Only the types of waste listed in condition 2.1.1 below may be accepted.

Only the following types of solid and liquid wastes shall be deposited:

2.1.1. Waste Types

<u>Waste Type</u>	<u>Code of Waste</u>
-------------------	----------------------

ORGANIC ACIDS AND RELATED COMPOUNDS

Aliphatic Acids	B11
Aromatic Acids	B12

Not exceeding 10% w/v.

ALKALIS

Sodium Hydroxides and Oxides	C11
Potassium Hydroxides and Oxides	C12

Up to a maximum concentration of 10% w/v.

Proprietary Alkaline Cleaners	-
Ammonia	C20

Calcium Hydroxide	C91
Sodium Carbonates	C92
Potassium Carbonates	C92

TOXIC METAL COMPOUNDS

The following toxic metals may be accepted up to a maximum concentration of 10 milligrams/litre:

Lead	D30
Arsenic	D40
Copper	D91
Zinc	D92
Barium (water soluble forms)	D93
Thallium	D94
Nickel	D95
Vanadium	D96
Silver	D97
Chromium	-
Cobalt & Molybdenum	-

Other toxic metals shall only be accepted in accordance with written agreement from the Environment Agency.

NON TOXIC METAL COMPOUNDS

Iron

Other non toxic metals shall only be accepted in accordance with written agreement from the Environment Agency.

INORGANIC COMPOUNDS

Sulphides H21

Up to a maximum concentration of 3% w/v.

Hypochlorites and Chlorites H31

Hypochlorites shall only be permitted up to a maximum concentration of 14% available chlorine. Hypochlorites shall only be accepted in accordance with the written agreement of the Environment Agency. Prior to granting of such an agreement, the Environment Agency shall require information to be provided by the licence holder, regarding the potential generation of organohalogen compounds.

Peroxides H33

ORGANIC COMPOUNDS

Aliphatic Hydrocarbons K11

Aromatic Hydrocarbons K12

Up to a maximum concentration of 5% w/v.

Phenols, analogues and derivatives K20

Amines and Amides K71

Nitro Compounds K72

Other Organo Nitrogen compounds K75

Esters K81

Ethers K82

Aldehydes and Ketones K83

Alcohols K84

Other oxygen containing compounds
excluding organic peroxides

Organohalogen compounds or other persistent compounds which may not be destroyed by the sewage treatment process shall be excluded. Groups K71, K72 and K75 shall not exceed 50mg/l NH4 of the wastes in which it arises.

POLYMERIC MATERIALS

Latex, latex and rubber solutions and suspensions	L40
Synthetic Adhesive wastes	L50

Groups L40 and L50 shall only be accepted in accordance with written agreement with the Environment Agency.

FUEL, OILS AND GREASES

Animal & vegetable oils	M40
Fats, Waxes and Greases	M60

FINE CHEMICALS AND BIOCIDES

Pharmaceutical and cosmetic products	N10
--------------------------------------	-----

Pharmaceutical wastes shall only be permitted in accordance with written agreement of the Environment Agency.

INDUSTRIAL SLUDGES AND EFFLUENTS

Industrial sludges and effluents including landfill leachate and water from contaminated land shall only be accepted if already permitted by other waste categories listed. Otherwise only with the written agreement of the Environment Agency.

INTERCEPTOR WASTES, TARS, PAINTS, DYES AND PIGMENTS

Interceptor pit wastes	R20
Printing Industry wastes	R30
Dyestuffs waste	R40
Paint waste (manufacture and use)	R80

Group R80 wastes shall only be accepted provided they are water based paints and do not contain any tributyltin compounds.

MISCELLANEOUS WASTES

Soaps and Detergents	S50
Treated & untreated sewage	-

Treated and untreated sewage wastes, accepted and treated in accordance with Schedule 3 paragraph 10 of the Waste Management Licensing Regulations 1994 or any subsequent amendment shall not be subject to the requirements of this licence.

ANIMAL AND FOOD WASTES

Animal processing wastes	T10
Blood, fat, grease etc	T12
Excrement	T13
Food processing waste (including starch)	T20
Animal and vegetable-based glue waste	T30

Group T10 and T12 wastes shall only be accepted in accordance with the written permission of the Environment Agency.

- 2.2. No waste shall be accepted for treatment which:
- a) Has a flash point of 30 degrees Celsius or less;
 - b) Is an immiscible organic liquid or, an aqueous waste containing greater than 1% immiscible organic liquid;
 - c) Is a water miscible organic liquid with a concentration greater than 10%;
 - d) Reacts with water to produce a prohibited waste;
 - e) Reacts violently with water;
 - f) Is a List 1 substance or contains List I substances (As specified in EC Directive 76/464/EEC);
 - g) No drummed waste shall be accepted on site.

Points b) and c) shall not apply to difficult wastes of the code S50.

3. RECEPTION OF WASTE

- 3.1. No waste shall be accepted at the site unless it has been pre-booked and the appropriate measures taken to ensure that the waste is suitable for the site. The waste producer shall be required to provide relevant information regarding the process of production and the composition of the waste including a declaration as to the presence of any substance listed in EC Directive 76/464/EEC. The waste producer shall be required to provide a representative sample which shall be analysed as described in the Working Plan. This background information shall be reviewed if the waste process changes and confirmed not less frequently than annually. All written records of these checks shall be kept at the site.

- 3.2. All wastes must be accompanied by an analysis or description of relevant parameters prepared by the producer. A representative sample of the waste shall be subjected to relevant quality control checks, as detailed in the Working Plan to confirm its acceptability within the terms of this licence. Written records of these checks shall be kept at the site.
- 3.3. A written record shall be made of the following:-
- Date and time of arrival
 - Producer
 - Type and quantity of waste in tonnes
 - Carrier and vehicle registration number
 - Transfer note numbers where relevant
 - Results of checking procedures with signature of responsible person.
- 3.4. At intervals not exceeding three months a composite sample shall be prepared to include an aliquot from one sample of each waste stream, accepted at the site. At the end of the relevant interval this sample shall be split and one appropriately labelled sample retained at the site for a minimum period of ten working days and made available to Officers of the Environment Agency on request. The remaining sample shall be analysed for Substances listed in Regulation 6(2), Schedule 5 of The Environmental Protection (Prescribed Processes and Substances) Regulations 1991 and toxicity.
- 3.5. The results of this analysis shall be kept at the site and made available for inspection by Officers of the Environment Agency on request, and a copy shall be forwarded to the Environment Agency within one calendar month of the relevant interval to which it refers.

4. REJECTION OF WASTE NOT PERMITTED BY THE LICENCE

- 4.1. Any waste consignment which, upon arrival at the site, is found to be unacceptable within the terms of this site licence shall be rejected. The Environment Agency shall be notified immediately either by facsimile transmission or by telephone, confirmed in writing within 3 days. The following details shall be given when notifying waste rejection as above:-
- (i) Date and time of arrival;
 - (ii) Waste description;
 - (iii) Producer and telephone number or address;
 - (iv) Reason for rejection;
 - (v) Carrier and carrier registration number;
 - (vi) Vehicle registration number;
 - (vii) Accompanying paperwork if any, such as transfer note, destination of the rejected consignment (including name, address, waste management licence number or exemption registration of the facility) and actions taken.

- 4.2. Incompatible wastes shall be kept separate so as to ensure that no waste is likely, in combination with any other material at the facility, to give rise to any pollution of the environment or harm to human health outside the site.

5. MANAGEMENT OF WASTE FOR TREATMENT

- 5.1. Waste shall only be treated by admixture with sewage sludge and biological treatment.
- 5.2. All discharges of waste from tankers shall be supervised throughout by North West Water Limited personnel, except for repetitive imports of wastes, subject to the written authorisation of the Environment Agency.
- 5.3. All wastes received shall only be discharged to conditioning tank number 2. This tank shall only discharge to the primary treatment tanks for full treatment as shown on drawing reference number W11417/499/2, unless specific waste types are agreed in writing with the Environment Agency.
- 5.4. Waste shall only be discharged into the site treatment process at a calculated rate and shall not be permitted to overload the treatment capacity of the facility.
- 5.5. Wastes shall not be mixed in the holding tank or discharged to the primary tanks in such a manner as to give rise to uncontrolled reactions, or the emission to atmosphere of noxious fumes or odours.
- 5.6. Effective precautions shall be taken to ensure that wastes are contained within the tanks, pipework and other facilities designed and constructed for this purpose. To prevent contamination by waste outside of these facilities on unprotected ground in the event of a leakage.
- 5.7. All surfaces, drains and hardstandings shown on the working plan shall be kept clear of mud and debris and all drains shall be kept free of blockages and obstructions.
- 5.8. All tanks used for the storage of controlled waste shall be emptied at least once every year for inspection and maintenance. A record shall be kept of all such inspections, and any defects and subsequent remedial action, in the site diary as specified in Condition 14.

6. LABORATORY

No waste shall be accepted at the site for treatment unless laboratory facilities have been provided which are adequate to allow all the tests required by this licence to be undertaken.

7. SAMPLING OF WASTE BY THE ENVIRONMENT AGENCY

- 7.1. Samples of any waste entering the site or undergoing treatment on the site and samples of any gaseous, liquid or particulate matter on or coming from the site may be taken by, or under the direction of the Environment Agency.
- 7.2. Site personnel shall provide assistance and facilities to the Officers of the Environment Agency on request.

8. WASTE HANDLING PROCEDURES

- 8.1. Within three months of the date of issue of this licence, vehicle discharge points shall be constructed so as to allow the safe reversal of vehicles for connection to discharge pipes with a safety barrier defining the limits of approach.
- 8.2. All waste handling operations including unloading and sampling, shall only take place within areas constructed with impermeable bases and effective drainage collection, so that any potential spillages are contained in order to prevent contamination of unprotected ground. Impermeable surfaces shall be constructed with a minimum of 15 centimetres of concrete reinforced with steel mesh or equivalent.

9. MANAGEMENT AND SUPERVISION OF THE SITE

- 9.1. The terms of this licence shall be made known to whoever is given responsibility for receiving and handling waste at the site.
- 9.2. A copy of the licence shall be on display at the site office.
- 9.3. The name of the nominated person with management responsibility to ensure compliance with this licence shall be provided in writing to the Environment Agency.
- 9.4. Whenever waste is being received or handled at the site, a minimum of two operatives shall be on site.
- 9.5. The operator shall inform the Environment Agency in writing in advance of any change of the nominated person with management responsibility.

10. HOURS OF OPERATION

- 10.1. The site shall be open for the reception of wastes only within the following hours:

Monday to Friday: 0700 – 1800 hours
Saturdays: 0700 – 1400 hours

- 10.2. In the event of waste being received in an emergency situation, the Environment Agency shall be informed as soon as possible and in any event no later than 10:00 am the following working day.

11. RECORD KEEPING AND RECORDING OF WASTE

- 11.1. A record shall be kept of the types and quantities of waste accepted at the site. The record shall give an accurate description of:-

- 11.1.1. The person, firm or organisation delivering the waste to the site;
- 11.1.2. The registration number of each vehicles delivering waste to the site;
- 11.1.3. The source of arising of the waste;
- 11.1.4. The quantity, in cubic metres or tonnes, and detailed description of each individual load and its classification in accordance with the types of waste described in Condition 2 of this licence.

- 11.2. Upon receipt of a written request, and where deposits are restricted to limited sources of waste, or restricted numbers of vehicles depositing waste, the Environment Agency may agree a more limited form of record keeping. This shall be implemented only with written agreement from the Environment Agency.

- 11.3. The record made in accordance with condition 11.1 above shall be retained by the licence holder for two years and shall be made available for inspection by the Environment Agency on request.

- 11.4. A summary of the waste deposited at the site in each calendar month including a nil return in the event of no deposit shall be forwarded to the Environment Agency not later than the 14th day of the month following the month to which the summary relates.

- 11.4.1. The summary shall be submitted on Form WRA 3, provided by the Environment Agency and shall include the following information:-

- 11.4.1.a. The quantity of each waste classified in accordance with the types of waste described in condition 2 of this licence;

11.4.1.b. The total quantity of waste deposited at the site during the month to which the summary relates.

11.5. A summary of the waste deposited at the site in each twelve month period between 1 April in any year and 31 March in the following year shall be forwarded to the Environment Agency no later than 30 days after the end of the twelve month period to which the summary relates.

11.5.1. The summary shall be submitted on Form WRA 4, provided by the Environment Agency and shall include the following information:-

11.5.1.a. The quantity of each waste classified in accordance with the types of waste described in condition 2 of this licence;

11.5.1.b. The total quantity of waste deposited at the site during the period to which the summary relates.

11.6. Copies of the yearly and monthly summaries shall be retained by the licence holder for two years from the date of submission to the Environment Agency.

12. TEMPORARY CESSATION OF USE OF SITE

12.1. Any temporary cessation of operations for a period in excess of 28 consecutive days shall be notified in writing to the Environment Agency.

12.2. Not less than 14 days notice shall be given to the Environment Agency in writing of the date on which operations are to recommence in the event of a temporary cessation.

13. SITE OFFICE

A site office shall be provided within the site accommodation unit as shown on drawing number W11417/499/2. This shall be equipped to allow the requirements of this licence to be carried out.

14. SITE DIARY

14.1. A site diary shall be kept in the site office and shall be made available to the Environment Agency on request.

14.2. The following information shall be kept in the diary:-

14.2.1. Dates of commencement and completion of all preparatory and specified construction works;

- 14.2.2. Plant maintenance and breakdowns;
 - 14.2.3. Any problems with waste received including any action taken;
 - 14.2.4. A record of action required and remedial works undertaken in response to inspection reports including dates and times;
 - 14.2.5. Dispatch of records to the Environment Agency;
 - 14.2.6. Any environmental problems including any remedial action taken;
 - 14.2.7. Records of any environmental monitoring carried out at the site;
 - 14.2.8. Details of any incidents at the site such as fires or contamination of adjacent watercourses, including notification to the Environment Agency; and
- 14.3. The diary shall be written daily.

15. NOTICE BOARD

A notice board of durable material shall be erected at the site entrance, in a location agreed by the Environment Agency. This board shall display the following information:-

- 15.1. The site number;
- 15.2. Name, address and telephone number of the operator;
- 15.3. Name, address and telephone number of the Environment Agency;
- 15.4. Opening hours.

The notice board shall be kept in good condition and the information on it shall be kept up to date.

16. SITE ROADS AND VEHICLE CLEANING

- 16.1. Site roads parking and turning areas shall be provided, as specified in the working plan. The road shall have a hard surface of suitable road construction material such that it is usable by any vehicle or plant equipment at any time.
- 16.2. The road shall be maintained to such a standard that vehicles which leave the site and access roads between the highway and the site do not foul the highway with mud or other material. Additional wheel cleaning equipment shall be provided if this is necessary to prevent mud from being carried off the site.

17. FENCING AND SITE SECURITY

- 17.1. The site shall be enclosed at its perimeter fencing. Such fencing shall have a minimum height of 2 metres and shall be maintained in good condition.
- 17.2. A lockable gate shall be provided at the entrance to the site. This gate shall have a minimum height of 2 metres and shall be maintained in good condition.
- 17.3. The gate at the site entrance shall be kept locked whenever the site is unmanned, and in any case outside the permitted opening hours.

18. SURFACE WATER DRAINAGE

- 18.1. The licence holder shall take precautions to prevent the contamination of any surface watercourses in the vicinity of the site. In the event of contamination occurring, immediate steps shall be taken to alleviate the effects of the contamination and to prevent further contamination. The Environment Agency shall be notified within two hours following any incident.
- 18.2. In the event of any drainage leaving the site becoming polluted it shall be prevented from leaving the site and remedial work shall be undertaken, as agreed in writing with the Environment Agency.
- 18.3. All spillages shall be removed immediately. Adequate quantities of sand/absorbent material shall be kept on site at all times and used on appropriate spillages.

19. FIRES

No waste material shall be burned within the boundaries of the site and a fire at the site shall be regarded as an emergency and immediate action shall be taken to extinguish it. All outbreaks of fire shall be notified forthwith to the Environment Agency.

20. DUST SUPPRESSION

Site roads, incoming loads, and waste awaiting deposit shall be sprayed with water to suppress the emission of dust. Spraying shall be carried out whenever conditions are such that dust may cause a nuisance at or beyond the site boundary.

21. LIGHTING

Waste handling operations shall only take place in areas where the light levels are at or above the following specified minimum levels: -

- ☐ Minimum 20 lux for movements of machines and vehicles;
- ☐ Minimum 100 lux for operations involving perception of details, e.g. inspection of loads.

No waste shall be accepted, treated or deposited on the site during the hours of darkness unless lighting, as specified above and independent of vehicles has been provided and is being used.

22. ODOURS

22.1. No offensive odours harmful to human health or amenity arising from operations on site shall be detectable beyond the boundary of the site.

22.2. The operator shall effectively deal with any offensive odours harmful either to human health or amenity and detectable outside the site boundary, arising from operations on site.

23. PEST CONTROL

Precautions shall be taken to deal effectively with any pests on the site. Pests shall include insects, rodents, birds, and measures shall ensure that populations of all such pests are kept to a minimum.

24. FOUR YEAR REVIEW

The licence will be reviewed every four years. A formal review meeting will be arranged between the site licence holder and the Environment Agency at which future proposals and required improvements shall be discussed.

24.1. The licence holder shall provide the Environment Agency with proposals for the development and operation of the site for the next four year period at least 4 weeks before the date of the formal review. The proposals shall take the form of a written statement and plans of any proposed developments.

24.2. The licence holder shall attend the review meeting as arranged.

RIGHTS OF APPEAL

Section 43(1) of the Environmental Protection Act 1990 provides that:

Where, except in pursuance of a direction given by the Secretary of State,

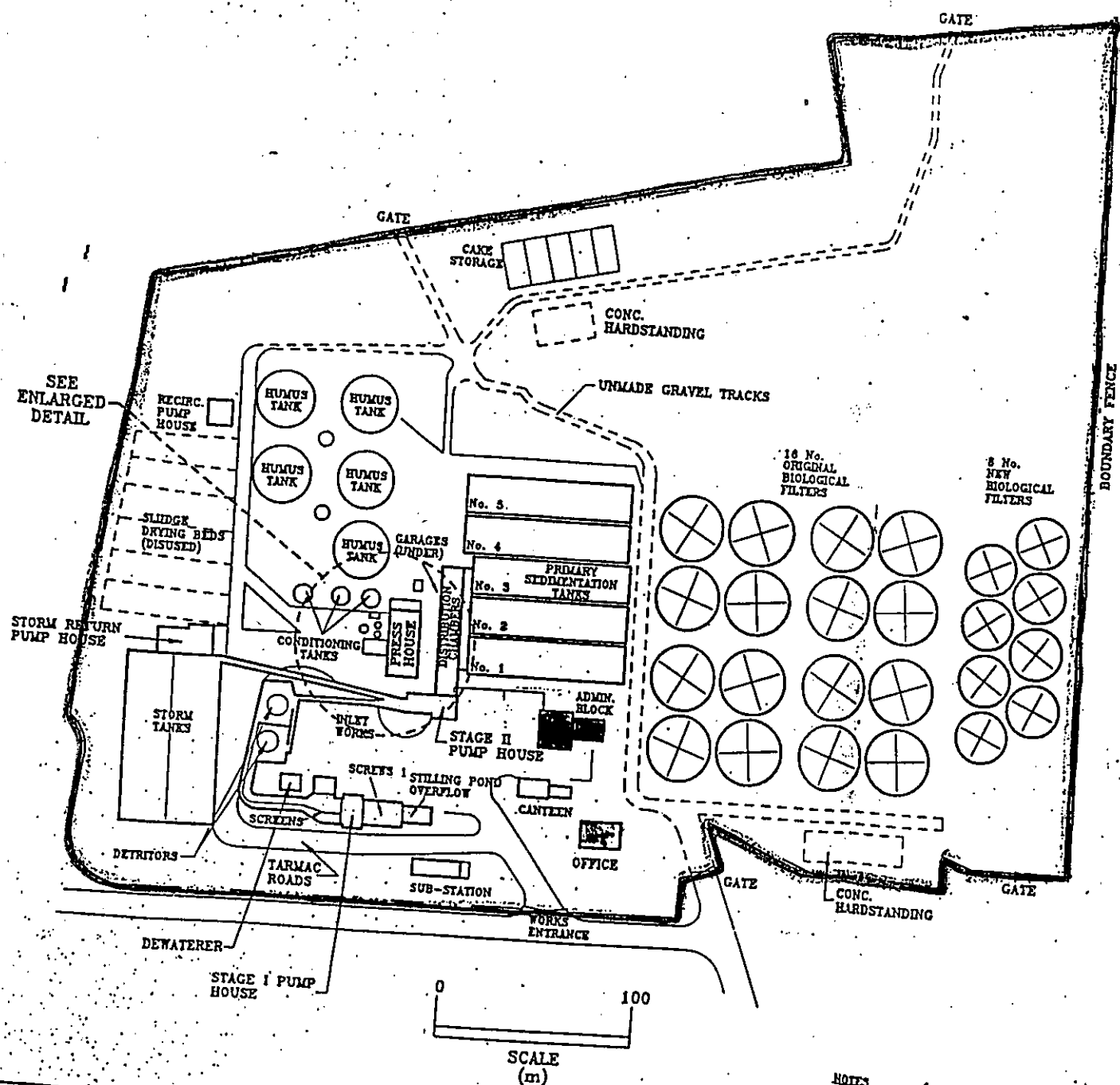
- (a) an application for a licence or a modification of the conditions to the licence is rejected
- (b) a licence is granted subject to conditions

the applicant may appeal from the decision to the Secretary of State

Therefore if you feel aggrieved by the decision or any of the conditions to the licence as granted you may obtain the appropriate form on which to give written notice of an appeal from:-

The Planning Inspectorate
Room 1413,
Tollgate House
Houlton Street
Bristol
BS2 9DJ
TEL 0117 987 8812
FAX 0117 987 6093

This notice of appeal should be accompanied by the following information: a copy of the licence; a copy of any correspondence relevant to the appeal; a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission, established use certificate of lawful use or development; and a statement indicating whether you wish the appeal to be in the form of a hearing or on the basis of written representations. You are also required to serve a copy of your notice of appeal, together with copies of any of the above documents that have accompanied your notice of appeal, on the Environment Agency (at the address on page 1 of the Licence). You should appeal within 6 months of the date that this notice takes effect but the Secretary of State may allow notice of appeal to be given after the expiry of this time period.



SEE
ENLARGED
DETAIL

STORM RETURN
PUMP HOUSE

RECIRC.
PUMP
HOUSE

STORM
TANKS

DETRITORS

DEWATERER

STAGE I PUMP
HOUSE

SCREENS

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

STILLING POND
OVERFLOW

STAGE II
PUMP HOUSE

SCREENS

ST