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WASTE DISPOSAL LICENCE - TREATMENT PLANT

NOTES

THESE NOTES ARE FOR GENERAL GUIDANCE ONLY AND DO NOT CONSTITUTE AN AUTHORITATIVE STATEMENT OF THE LAW

1. This licence relates only to the requirements of the Control of Pollution Act 1974 for the deposit of waste and the use of plant or equipment subject to the conditions set out in the Schedules and does not constitute a consent required by other legislation. In particular it is the responsibility of the licence holder to comply with any requirements of the HEALTH AND SAFETY AT WORK ACT 1974, the RADIOACTIVE SUBSTANCES ACT 1960, the TOWN AND COUNTRY PLANNING ACTS, BUILDING REGULATIONS and ALL RELEVANT WATER PROTECTION and ENVIRONMENTAL HEALTH legislation.
2. If the licence holder ceases to occupy the land specified above, then he may transfer the licence to the new occupier after giving notice to the Waste Disposal Authority who has the right to decline to accept the new licence holder.
3. If the licence holder wishes to cancel this licence he must return it to the Waste Disposal Authority together with a notice stating that he no longer requires the licence. Cancellation of the licence will not affect any outstanding liability of the licence holder under the conditions of the licence.

CONTRAVENTION OF LICENCE CONDITIONS

Your attention is drawn to the provisions of Sections 3, 9 & 16 of the Control of Pollution Act 1974. A brief resume is included below.

Section 3.

Prohibits under penalty the deposits of waste or the use of plant or equipment, otherwise than in accordance with the terms of the licence. This Section applies to all the conditions contained herein, including any which may be the subject of an appeal to the Secretary of State under Section 10 of the Act. Any deposit which takes place without compliance with all the licence conditions may lead to prosecution under this Section.

Section 9.

Non compliance with any licence conditions may lead to the revocation of this licence.

WASTE DISPOSAL LICENCE - TREATMENT PLANT

Section 16.

The licensing authority is empowered to require the removal of any controlled waste deposited in circumstances where any of the conditions of this licence are not being complied with.

Penalties under Section 3.

A persons who contravenes Section 3 subsection (1) shall, subject to subsection (4), be guilty of an offence and liable on summary conviction to a fine of an amount not exceeding scale 5 (currently £2,000) or on conviction on indictment to imprisonment for a term not exceeding two years or a fine or both.

The increased penalty may be given where a person contravenes Section 3(1) and the waste in question is poisonous, noxious and polluting, is likely to give rise to an environmental hazard, and has been brought for the purpose of being disposed of. Under such circumstances the person would be liable on summary conviction to imprisonment for a term not exceeding six months or a fine not exceeding scale 5 or on conviction on indictment to imprisonment for a term not exceeding five years or a fine or both.

WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE A - DEFINITIONS

The following meanings shall apply throughout this licence:

1. **WORKING PLAN** shall mean the operational statement together with Drawing Nos. 1/92 of the proposed facility in Schedule E.
 2. **THE ACT** shall mean the Control of Pollution Act 1974 as amended.
 3. **DISPOSAL AUTHORITY** shall have the meaning assigned to it in Section 30 (1) of the Control of Pollution Act 1974.
 4. **DULY AUTHORISED OFFICER** shall mean any person authorised in writing by the Disposal Authority pursuant to Section 91 (1) of the Control of Pollution Act 1974.
 5. **ENVIRONMENTAL HAZARD** shall have the meaning assigned to it in Section 4 (5) of the Control of Pollution Act 1974.
 6. **LICENCE HOLDER** shall mean the person or persons to whom this licence is granted.
 7. **DESIGNATED OFFICER** shall mean the person, nominated by the licence holder, responsible for the security and satisfactory operation of the facility.
 8. **COMPETENT PERSON** shall mean a person who, through training and/or qualification is able to identify the nature of waste arriving at the facility by conducting appropriate chemical analysis and is able to assess the compatibility of that waste with other wastes stored at the facility.
 9. **APPROPRIATELY QUALIFIED PERSON** shall mean a recognised Consultant Engineer or other such appropriately qualified persons as may be approved in writing by the Waste Disposal Authority.
 10. **SPECIAL WASTE** shall have the meaning assigned to it in Section 2 (1) of the Control of Pollution (Special Waste) Regulations 1980.
 11. **FLAMMABLE** shall have the same meaning as Schedule 1, part 1, of the Classification, Packaging and Labelling of Dangerous Substances Act 1984.
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WASTE DISPOSAL LICENCE - TREATMENT PLANT

12. **DRUM CONTAINER** shall mean any container in which material is stored. Such containers having storage capacities less than 10 litres or greater than 250 litres shall not be regarded as drum containers for the purpose of this licence.
 13. **EMERGENCY** shall mean a case where a person has reasonable cause to believe that circumstances exist which are likely to endanger life or health or cause damage to property or pollution of water.
 14. **OPERATING** shall mean the deposit of waste or acceptance of waste for deposit and all matters incidental thereto.
 15. Notwithstanding the above, words and phrases in this licence have the meaning ascribed to them by the Control of Pollution Act 1974 and its associated Regulations.
 16. **LEACHATE** shall mean leachate derived from the landfill sites listed in Appendix 1 and is consistent with the analysis approved by the Local Authority.
 17. **COOLING/OILY WATERS** shall mean cooling/oily waters derived from premises listed in Appendix 2 and is consistent with the analysis approved by the Local Authority.
 18. **OILY WASH WATERS** shall mean a mixture of water and oil from a non industrial process as a result of surface/vehicle washing or accidental spillages.
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WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE B. - SITE PREPARATION.

Site Infrastructure.

1. Perimeter fencing and gates shall be provided and maintained at all times in accordance with the working plan. The gates shall be securely locked at all times when the facility is unattended. Any damage to the gates and fencing which impairs their effectiveness will be repaired by the end of the working day and if this cannot be accomplished the licence holder shall provide security personnel to guard the facility until such repair is effected.
 2. An identification board of durable material and finish shall be displayed at the entrance to the facility. The following information shall be provided:
 - (a) Name, address and telephone number of facility;
 - (b) Name, address and telephone number of the Waste Disposal Authority responsible for issuing this Licence and the Waste Disposal Licence Number;
 - (c) Hours of Operation (as per licence condition);
 - (d) Name, address and telephone number of Licence Holder;
 - (e) Twenty-four hour emergency telephone number and contact.The board shall be maintained in a legible condition at all times.
 3. A site control office shall be provided at the premises. The site control office shall be maintained to the original standard.
 4. The road from the entrance to the treatment plant (hereinafter called the site access road) and all yards shall be constructed of a hardened surface suitable for heavy traffic, in accordance with the working plan. Pot holes which develop shall be filled and resurfaced. The condition of the road shall be maintained to the original standard and shall be inspected daily by the site foreman.
 5. Site drainage facilities shall be constructed and maintained so that water does not accumulate at the facility. These shall include interception of contaminated surface waters and spillages, to prevent water pollution.
 6. Provisions for the storage and maintenance of plant shall be constructed and shall be maintained to the original standard.
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WASTE DISPOSAL LICENCE - TREATMENT PLANT

7. No operations shall be carried out at the facility during the hours of darkness as defined by the statutory lighting up times published by the Science Research Council; i.e. half an hour after sunset to half an hour before sunrise.
8. Provision shall be made within the confines of the facility for the parking, loading and unloading of vehicles transporting wastes to and from the facility in accordance with the working plan.

Emergency Plan.

9. An emergency plan shall be provided within two months of the granting of this licence detailing the procedures to be adopted in the event of the release of any hazardous material, liquid or gas. The Health and Safety Executive, British Gas, the local Environmental Health Department, National Rivers Authority, the emergency services and the Waste Disposal Authority shall be consulted when drawing up these procedures.
 10. The emergency plan required by condition 14 above shall be reviewed at six monthly intervals and it shall also be updated whenever necessary to take account of changes in personnel or other circumstances. The updated emergency plan shall be forwarded forthwith to the Waste Disposal Authority.
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WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE C. TYPES OF WASTE

Permitted Wastes

1. The type of waste accepted at the facility and the maximum quantity stored at the locations specified in the working plan shall consist only of the following :-

Waste	Maximum Quantity	Location
Domestic sewage	50,000 gallons/day	A - L of attached plan
Leachate	120,000 gallons/day	A - L of attached plan
Cooling/Oily Waters	{ 30,000 gallons/day	A - L of attached plan
Oily Wash Waters		

Excluded Wastes

2. Notwithstanding the generality of the types of waste specified in this Schedule the following wastes shall be specifically excluded from delivery to the facility.
- a) Controlled waste being defined as "Special Waste" in the Control of Pollution (Special Waste) Regulations 1980 and any subsequent amendments, except those listed in paragraph 1 above.
 - b) Substances within the Control of Radioactive Substances Act 1960 and any subsequent amendments.
 - c) Percussives and explosives and other substances with similar characteristics, except where such wastes are in such a form or state where the percussive or explosive properties are and will remain ineffective.
 - d) Any waste containing substances listed in the Highly Flammable Liquids and Liquified Petroleum Gases Regulations 1972.
 - e) Any substance listed by the United Kingdom Government under the provisions of the European Community Directive on Pollution Caused by Certain Dangerous Substances Discharged to the Aquatic Environment (76/474/EC) and listed in Annex 1A of the Final Declaration on the Third International Conference of the North Sea 1990.
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WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE D. - OPERATIONS.

1. The licence holder shall operate the facility in accordance with the working plan as approved by the Waste Disposal Authority and contained in Schedule 'E' of this licence.
 2. Any proposed modification to the approved working plan shall be submitted to the Waste Disposal Authority together with the proposed date of implementation at least 6 weeks before the proposed date of such implementation.
 3. The licence holder shall obtain written approval from the Waste Disposal Authority for any proposed modification to the actual conduct of the operations from the proposals approved in the working plan.
 4. The types of wastes accepted at the facility shall consist only of those specified in Schedule C of this licence, and which by previous sampling and analysis have been shown to conform with the requirements of Schedule C of this licence. Any wastes not conforming to the requirements of Schedule C shall be rejected as unsuitable for disposal at the facility, unless the Waste Disposal Authority on receiving copies of analysis reports, confirm in writing that the waste is suitable for disposal at the facility.
 5. All vehicles containing wastes listed in Schedule C of this licence shall proceed directly to the Site Control Office, and then to the reception area marked A on Drawing No. 1/92 in Schedule E.
 6. Wastes must be accompanied by an analysis or description of relevant parameters prepared by the producer. No waste shall be accepted for treatment unless an appropriately qualified person has certified that the description of the wastes conform to that previously approved for receipt.
 7. Vehicles carrying waste shall be permitted to proceed to the disposal area only when the licensee or site chemist has confirmed as above that the wastes conform to those permitted by this licence.
 8. A record of the description of the relevant parameters of all wastes received for treatment shall be maintained at the Site Office and made available on demand to any authorised officer of the Waste Disposal Authority.
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WASTE DISPOSAL LICENCE - TREATMENT PLANT

9. The Waste Disposal Authority shall be notified immediately of any waste that has been rejected as unsuitable for disposal in accordance with condition 4 above and Schedule C of this licence. This notification shall include the nature and quantity of waste, the name and address of the producer of the waste, the registration number of the vehicle delivering the waste, the name and address of the vehicle's driver and operator, and the date and time of rejection of the waste.
10. The facility shall be manned and supervised during operating hours (see Condition 11) in accordance with the working plan. Supervisors must be able to identify the types of waste permitted by this licence and those wastes specifically excluded.
11. Permitted wastes shall be delivered to and removed from the facility between the hours specified below. Except in cases of emergency, no delivery or removal of waste shall take place outside these hours without the prior approval of the Waste Disposal Authority. All circumstances of emergency movement of such wastes shall be reported forthwith in writing to the Waste Disposal Authority.

Mondays - Fridays.

From. 8 a.m
To. 4.30 p.m.

} Subject to
variation 10/12/92
(Schedule F)
R26

Saturdays.

From. N/A
To.

Bank Holidays.

From. N/A
To.

12. A written record shall be kept of the characteristics and quantities of all wastes delivered to the facility, the name and address of the person delivering the waste, the registration number of the vehicle delivering the waste, the date and time of the delivery, and identification of the origin of the waste. This record shall be available to any representative of the Waste Disposal Authority for inspection at the facility at any reasonable time.
 13. A summary of the records required by paragraph 12 above of all wastes delivered to the facility in a calendar month shall be submitted to the Waste Disposal Authority before the tenth day of the succeeding calendar month.
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WASTE DISPOSAL LICENCE - TREATMENT PLANT

14. No waste material shall be burnt within the boundaries of the facility. Any outbreak of fire shall be regarded as an emergency and immediate action shall be taken to extinguish it. Fire fighting equipment and emergency water supplies shall be provided, maintained and identified. All outbreaks of fire shall be reported immediately to the County Fire Brigade and the Waste Disposal Authority.
 15. In the event of an emergency, the appropriate procedures specified in the emergency plan required by paragraph 9 of Schedule B shall be implemented. The Waste Disposal Authority shall be informed forthwith of any emergency. The circumstances of an emergency shall be confirmed to the Waste Disposal Authority in writing as soon as is practicable.
 16. Measures shall be taken to remove any mud, debris or any other material that is deposited on any roadway by vehicles using the facility. These measures shall include the sweeping of the site access road, hard surfaced areas and the public highway leading from the facility.
 17. Measures shall be taken to prevent damage to pipework, valves, pumps and storage tanks which may cause pollution of water, danger to public health or be seriously detrimental to the amenities of the locality.
 18. Any loose waste on or around the facility shall be collected on a daily basis and disposed of properly.
 19. Not less frequently than once a week or at a greater frequency as directed by the Waste Disposal Authority any loose waste which may be lying at the facility or its immediate environs shall be collected and disposed of properly.
 20. Any spillage shall be dealt with immediately to prevent water pollution. Quantities of sand/absorbent material shall be kept at the facility and used on appropriate spillages.
 21. Cleaning chemicals and reagents shall be stored and segregated according to compatibilities.
 22. Measures shall be taken to deal effectively with any vermin and insects at the facility.
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WASTE DISPOSAL LICENCE - TREATMENT PLANT

23. Measures, including proper maintenance and use, shall be undertaken to control the noise of machinery and vehicles operating at the facility which may be detrimental to the amenities of the locality.
 24. Measures shall be taken to effectively suppress dust and malodours which may be detrimental to the amenities of the locality.
 25. Any cessation of operations for a period in excess of 12 weeks shall be notified to the Waste Disposal Authority. Not less than 14 days notice shall be given to the Waste Disposal Authority of the date on which operations are to recommence in the event of such a cessation.
 26. A copy of any notice or instruction received in respect of the facility from any authority, other than the Waste Disposal Authority, which in any way relates to the use of the facility, shall be given to the Waste Disposal Authority within 3 days of the receipt of such a notice or instruction.
 27. The terms of this licence shall be made known to any person who is given responsibility for the management or control of the facility and be available at all times at the facility for the use of such persons.
 28. Notwithstanding the generality of the conditions in this Schedule, the activities to which this licence relates shall not be carried on so as to cause pollution to water or danger to public health or become seriously detrimental to the amenities of the locality affected by the activities.
 29. All waste produced on site (e.g. sludge) must be disposed of in accordance with all relevant legislation. Frequent sampling and analysis of waste produced must be undertaken, and all records must be kept at the Site Control Office and made available to the Waste Disposal Authority.
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Schedule E

AMEXPARK LIMITED - EFFLUENT PLANT

OPERATION STATEMENT

Treatment of Domestic Sewage, Leachate and Pensarn Effluent

- Step 1 Reception of tankers at Point A. Tankers emptied into Balancing/Holding Tanks. Pensarn effluent arrives via pipeline. Tankers park and unload Point M.
- Step 2 Contents of tanks pumped to Point B - flow regulation chamber
- Step 3 The effluent is gravity fed to Point C - sedimentation tanks
- Step 4 The effluent is gravity fed to Point D - distribution chamber
- Step 5 The effluent is gravity fed to Points E1 and E2 - filter beds
- Step 6 The effluent is gravity fed to Points F1 and F2 - humus tanks
- Step 7 The sludge is decanted to Point L - sludge storage tanks
The liquid is gravity fed to Point G - re-circulation pump house
- Step 8 The treated effluent is gravity fed to Points H & I - outflow to river

Treatment of Cooling (Oily) Waters

- Step 1 Reception of tankers at Point J - reception tanks
- Step 2 Flotation/flocculation treatment of waters
- Step 3 The treated waters are gravity fed to Point K - filtration unit
- Step 4 Should it be deemed necessary, the waters are pumped back to reception tanks for further treatment
- Step 5 As Step 3
- Step 6 The treated waters are gravity fed to Point A - balancing/holding tanks

The treatment is then as Steps 2 - 8 inc for Domestic Sewage, etc.

AMEXPARK LIMITED - EFFLUENT PLANT

OPERATION STATEMENT

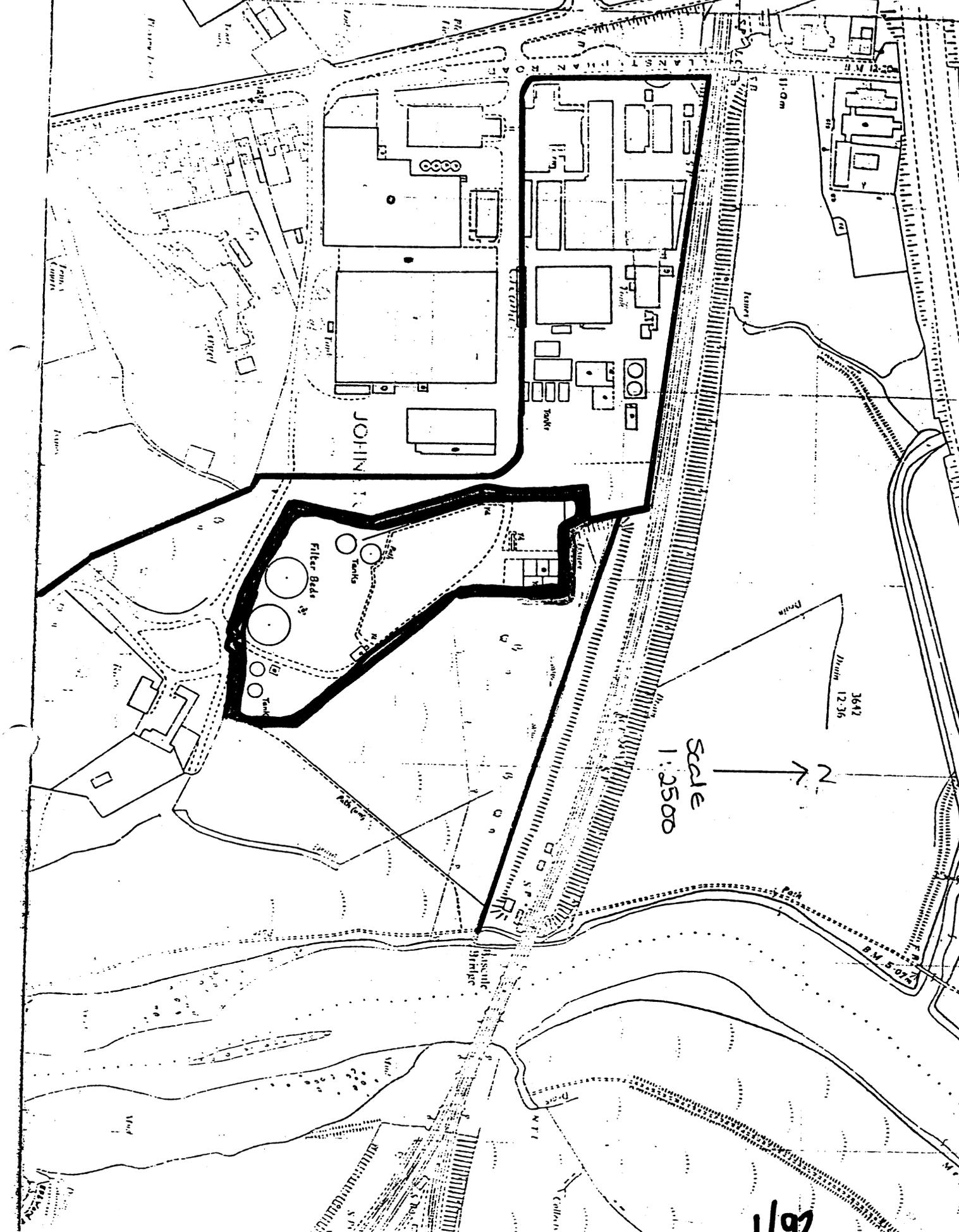
STAFF

Plant Manager
Plant Operative
Engineer

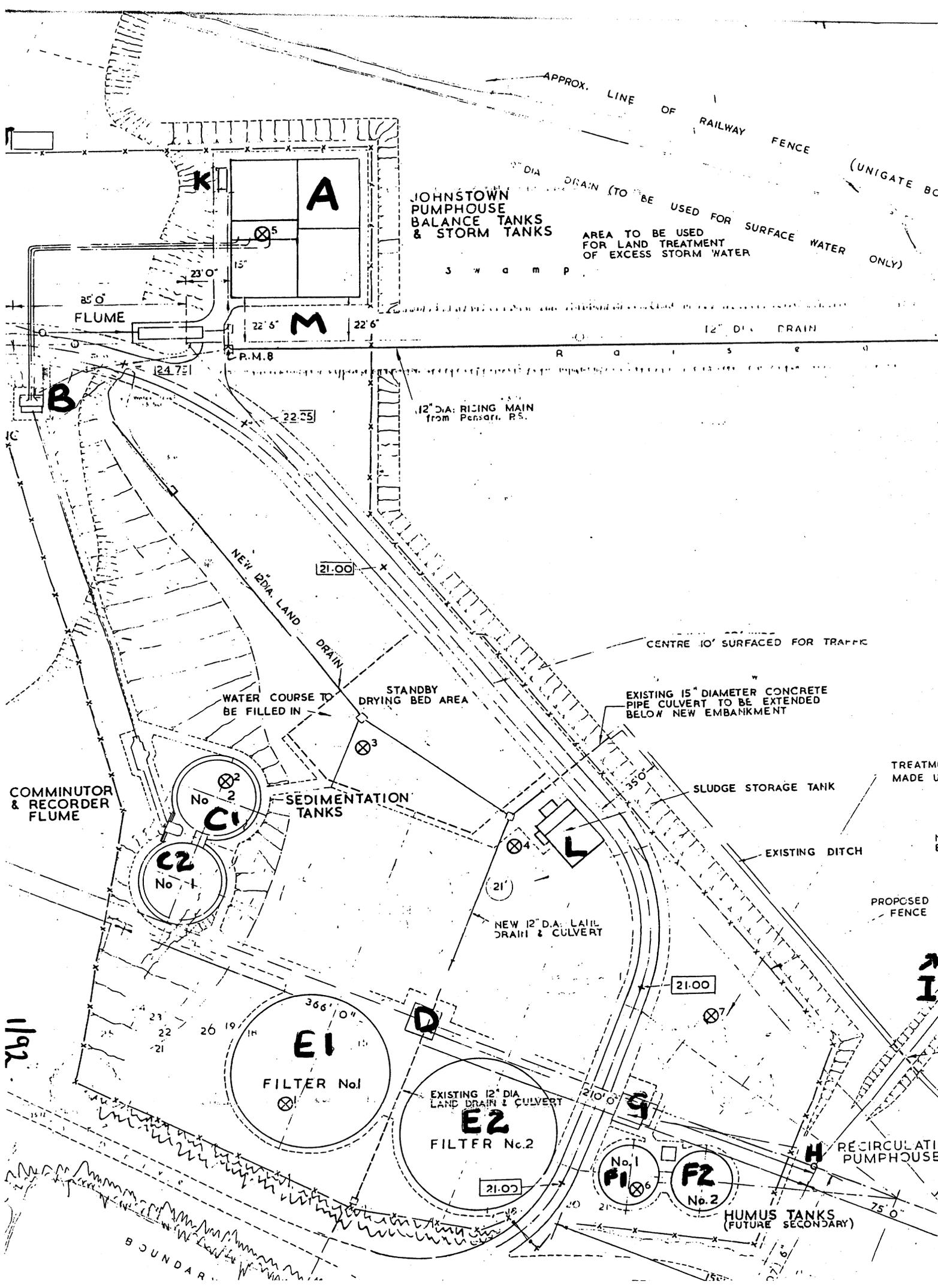
MANAGEMENT SYSTEMS

- (i) All incoming deliveries by tanker are accompanied by delivery notes stating nature of load and collection point
- All other incoming effluent is metered by flow meters
- All output (final output to river) is metered
- (ii) All instrumentation is monitored by the Operative and serviced on a daily basis by our Engineer
- (iii) Waste awaiting treatment is stored in the balancing/holding tanks (Point A) and residue (sludge) is stored in the sludge storage tanks (Point L)
- (iv) The sludge is tankered off site by Dyfed Disposal Limited
- (v) (a) The plant is constantly monitored. All incoming wastes are checked for acceptability/suitability for treatment. Any suspect load would be isolated and a sample would be sent for analysis. The NRA would be informed.
- (b) If the Plant could not operate due to a temporary power failure our stand-by generator would be brought into use.
- If there were a pump failure this would be covered by stand-by pumps in situ.
- If there were a total failure of the pump house (due to fire or some other disaster) submersible pumps and hose would be used to pump from the holding tanks (Point A) to the flow regulation chamber (Point B). The rest of the system is gravity fed.
- (vi) 240,000 gallons of waste can be stored in the balancing/holding tanks. 16,000 gallons of sludge can be held in the sludge storage tanks.
- (vii) Spillages are avoided by proper supervision of unloading by the Operative. Problems are not experienced with noise, dust, grit or odours, but a deodorising plant is on site should it be required.
- (vii) The site is regularly swept, steam cleaned and maintained. The grassed areas are mown. Conifers have been planted around the perimeter to screen the site, although it is not open to public view.

CARMARTHEN No 2 ED
No 2 WARD



Scale
1:2500



JOHNSTOWN
PUMPHOUSE
BALANCE TANKS
& STORM TANKS

AREA TO BE USED
FOR LAND TREATMENT
OF EXCESS STORM WATER

s w a m p

APPROX. LINE OF RAILWAY FENCE (UNIGATE BOU...)

12" DIA DRAIN (TO BE USED FOR SURFACE WATER ONLY)

12" DIA DRAIN

12" DIA. RIDING MAIN from Persarr. P.S.

CENTRE 10' SURFACED FOR TRAFFIC

WATER COURSE TO BE FILLED IN

STANDBY DRYING BED AREA

EXISTING 15" DIAMETER CONCRETE PIPE CULVERT TO BE EXTENDED BELOW NEW EMBANKMENT

COMMUNICATOR & RECORDER FLUME

SEDIMENTATION TANKS

SLUDGE STORAGE TANK

TREATMENT MADE UP

EXISTING DITCH

PROPOSED FENCE

NEW 12" DIA. LAIL DRAIN & CULVERT

EXISTING 12" DIA LAIL DRAIN & CULVERT

RECIRCULATION PUMPHOUSE

HUMUS TANKS (FUTURE SECONDARY)

BOUNDARY

1/92

↑
I

V A R I E D

C O N D I T I O N S

WASTE DISPOSAL LICENCE - TREATMENT PLANT

Valid
27/9/95

12. DRUM CONTAINER shall mean any container in which material is stored. Such containers having storage capacities less than 10 litres or greater than 250 litres shall not be regarded as drum containers for the purpose of this licence.
13. EMERGENCY shall mean a case where a person has reasonable cause to believe that circumstances exist which are likely to endanger life or health or cause damage to property or pollution of water.
14. OPERATING shall mean the deposit of waste or acceptance of waste for deposit and all matters incidental thereto.
15. Notwithstanding the above, words and phrases in this licence have the meaning ascribed to them by the Control of Pollution Act 1974 and its associated regulations.

Valid 24/9/93
[Signature]

WASTE DISPOSAL LICENCE - TREATMENT PLANT

TREATMENT PLANT LICENCE

CONTROL OF POLLUTION ACT 1974

LICENCE TO DISPOSE OF WASTE

The Carmarthen District Council in pursuance of the powers conferred on them by the Control of Pollution Act 1974, hereby licence:

Amex Park Limited

of **Llanstephan Road, Johnstown, Carmarthen**
(hereinafter called the "licence holder")

to operate a Sewage Treatment Plant

at **Amex Park, Johnstown, Carmarthen, Llanstephan Road**

This licence is granted subject to the conditions set out in the schedules attached hereto.

Dated this *22nd* day of *June* 19 *92*

Signed.....
(Authorised Officer)

The licence holder's attention is drawn to the notes overleaf

Appendix 2

Excluded under Section 66 of the Environmental Protection Act 1990: Commercially confidential information.

Area Waste Regulation Manager Signed... *DPW Davies* Date *3/12/96*.....

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SCHEDULE B. - SITE PREPARATION.

Site Infrastructure.

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WASTE DISPOSAL LICENCE - TREATMENT PLANT

7. No operations shall be carried out at the facility during the hours of darkness as defined by the statutory lighting up times published by the Science Research Council; i.e. half an hour after sunset to half an hour before sunrise.
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Emergency Plan.

9. An emergency plan shall be provided within two months of the granting of this licence detailing the procedures to be adopted in the event of the release of any hazardous material, liquid or gas. The Health and Safety Executive, British Gas, the local Environmental Health Department, National Rivers Authority, the emergency services and the Waste Disposal Authority shall be consulted when drawing up these procedures.
 10. The emergency plan required by condition 14 above shall be reviewed at six monthly intervals and it shall also be updated whenever necessary to take account of changes in personnel or other circumstances. The updated emergency plan shall be forwarded forthwith to the Waste Disposal Authority.
-

WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE C. TYPES OF WASTE

Permitted Wastes

1. The type of waste accepted at the facility and the maximum quantity stored at the locations specified in the working plan shall consist only of the following :-

Waste	Maximum Quantity	Location
Domestic sewage	50,000 gallons/day	A - L of attached plan
Leachate	120,000 gallons/day	A - L of attached plan
Cooling/Oily Waters	{ 30,000 gallons/day	A - L of attached plan
Oily Wash Waters	{	

Excluded Wastes

2. Notwithstanding the generality of the types of waste specified in this Schedule the following wastes shall be specifically excluded from delivery to the facility.
- a) Controlled waste being defined as "Special Waste" in the Control of Pollution (Special Waste) Regulations 1980 and any subsequent amendments, except those listed in paragraph 1 above.
 - b) Substances within the Control of Radioactive Substances Act 1960 and any subsequent amendments.
 - c) Percussives and explosives and other substances with similar characteristics, except where such wastes are in such a form or state where the percussive or explosive properties are and will remain ineffective.
 - d) Any waste containing substances listed in the Highly Flammable Liquids and Liquified Petroleum Gases Regulations 1972.
 - e) Any substance listed by the United Kingdom Government under the provisions of the European Community Directive on Pollution Caused by Certain Dangerous Substances Discharged to the Aquatic Environment (76/474/EC) and listed in Annex 1A of the Final Declaration on the Third International Conference of the North Sea 1990.
-

APPENDIX 1

LANDFILL SITES - SEE SCHEDULE A, PARA. 16

- i) Carmarthen Landfill Site at Nantycaws
- ii) Wernddu Landfill Site, Ammanford
- iii) Withyhedge Landfill Site, Haverfordwest
- iv) Abernant Landfill Site, Heol Ddu, Ammanford. ^{sample date.} (29/10/93). *[Signature]*
- v) Pwllwarkin, Llan Valley B.C. ^{sample date} (6/12/93).
- vi) Tycanol Landfill Site, Ystradgynlais (sample date 24/6/94)
(up to 3/8/94).
- vii) Richards & Goldsmithy (Wales) Ltd, Nantwrth (sample date 20/11/94).

APPENDIX 2

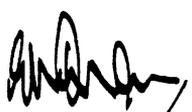
COOLING/OILY WATERS - SEE SCHEDULE A, PARA. 17

- i) Alcoa, Swansea
- ii) Ina Bearings, Llanelli
- iii) Delta Cables, Llanelli - No waste stream from Delta Cables entering the premises to exceed a copper and tin level of 150 ppm per determinant and after pre treatment in the ultra filtration plant, the level must not exceed 10 ppm per determinant and must be diluted by a factor of 50 before entering the main treatment plant.

iv) T.R.W. Steering Systems Ltd., Neath (27/9/93).

v) I.M.I Titanium, Swansea. (1/12/93) (Sample date) } 

vi) Camford Pressings Ltd, Llanelli (1/12/93) (Sample date).

vii) Gillet Exhaust MFG LTD TREDEGAR (04/3/95) (SAMPLE DATE) 

WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE D. - OPERATIONS.

1. The licence holder shall operate the facility in accordance with the working plan as approved by the Waste Disposal Authority and contained in Schedule 'E' of this licence.
 2. Any proposed modification to the approved working plan shall be submitted to the Waste Disposal Authority together with the proposed date of implementation at least 6 weeks before the proposed date of such implementation.
 3. The licence holder shall obtain written approval from the Waste Disposal Authority for any proposed modification to the actual conduct of the operations from the proposals approved in the working plan.
 4. The types of wastes accepted at the facility shall consist only of those specified in Schedule C of this licence, and which by previous sampling and analysis have been shown to conform with the requirements of Schedule C of this licence. Any wastes not conforming to the requirements of Schedule C shall be rejected as unsuitable for disposal at the facility, unless the Waste Disposal Authority on receiving copies of analysis reports, confirm in writing that the waste is suitable for disposal at the facility.
 5. All vehicles containing wastes listed in Schedule C of this licence shall proceed directly to the Site Control Office, and then to the reception area marked A on Drawing No. 1/92 in Schedule E.
 6. Wastes must be accompanied by an analysis or description of relevant parameters prepared by the producer. No waste shall be accepted for treatment unless an appropriately qualified person has certified that the description of the wastes conform to that previously approved for receipt.
 7. Vehicles carrying waste shall be permitted to proceed to the disposal area only when the licensee or site chemist has confirmed as above that the wastes conform to those permitted by this licence.
 8. A record of the description of the relevant parameters of all wastes received for treatment shall be maintained at the Site Office and made available on demand to any authorised officer of the Waste Disposal Authority.
-

WASTE DISPOSAL LICENCE - TREATMENT PLANT

9. The Waste Disposal Authority shall be notified immediately of any waste that has been rejected as unsuitable for disposal in accordance with condition 4 above and Schedule C of this licence. This notification shall include the nature and quantity of waste, the name and address of the producer of the waste, the registration number of the vehicle delivering the waste, the name and address of the vehicle's driver and operator, and the date and time of rejection of the waste.
10. The facility shall be manned and supervised during operating hours (see Condition 11) in accordance with the working plan. Supervisors must be able to identify the types of waste permitted by this licence and those wastes specifically excluded.
11. Permitted wastes shall be delivered to and removed from the facility between the hours specified below. Except in cases of emergency, no delivery or removal of waste shall take place outside these hours without the prior approval of the Waste Disposal Authority. All circumstances of emergency movement of such wastes shall be reported forthwith in writing to the Waste Disposal Authority.

Mondays - Fridays.

From. 8 a.m

To. 4.30 p.m.

} Subject to
variation 19/12/92
(Schedule F)
RS

Saturdays.

From. N/A

To.

Bank Holidays.

From. N/A

To.

12. A written record shall be kept of the characteristics and quantities of all wastes delivered to the facility, the name and address of the person delivering the waste, the registration number of the vehicle delivering the waste, the date and time of the delivery, and identification of the origin of the waste. This record shall be available to any representative of the Waste Disposal Authority for inspection at the facility at any reasonable time.
13. A summary of the records required by paragraph 12 above of all wastes delivered to the facility in a calendar month shall be submitted to the Waste Disposal Authority before the tenth day of the succeeding calendar month.
-

WASTE DISPOSAL LICENCE - TREATMENT PLANT

14. No waste material shall be burnt within the boundaries of the facility. Any outbreak of fire shall be regarded as an emergency and immediate action shall be taken to extinguish it. Fire fighting equipment and emergency water supplies shall be provided, maintained and identified. All outbreaks of fire shall be reported immediately to the County Fire Brigade and the Waste Disposal Authority.
 15. In the event of an emergency, the appropriate procedures specified in the emergency plan required by paragraph 9 of Schedule B shall be implemented. The Waste Disposal Authority shall be informed forthwith of any emergency. The circumstances of an emergency shall be confirmed to the Waste Disposal Authority in writing as soon as is practicable.
 16. Measures shall be taken to remove any mud, debris or any other material that is deposited on any roadway by vehicles using the facility. These measures shall include the sweeping of the site access road, hard surfaced areas and the public highway leading from the facility.
 17. Measures shall be taken to prevent damage to pipework, valves, pumps and storage tanks which may cause pollution of water, danger to public health or be seriously detrimental to the amenities of the locality.
 18. Any loose waste on or around the facility shall be collected on a daily basis and disposed of properly.
 19. Not less frequently than once a week or at a greater frequency as directed by the Waste Disposal Authority any loose waste which may be lying at the facility or its immediate environs shall be collected and disposed of properly.
 20. Any spillage shall be dealt with immediately to prevent water pollution. Quantities of sand/absorbent material shall be kept at the facility and used on appropriate spillages.
 21. Cleaning chemicals and reagents shall be stored and segregated according to compatibilities.
 22. Measures shall be taken to deal effectively with any vermin and insects at the facility.
-

Schedule E

AMEXPARK LIMITED - EFFLUENT PLANT

OPERATION STATEMENT

Treatment of Domestic Sewage, Leachate and Pensarn Effluent

- Step 1 Reception of tankers at Point A. Tankers emptied into Balancing/Holding Tanks. Pensarn effluent arrives via pipeline. Tankers park and unload Point M.
- Step 2 Contents of tanks pumped to Point B - flow regulation chamber
- Step 3 The effluent is gravity fed to Point C - sedimentation tanks
- Step 4 The effluent is gravity fed to Point D - distribution chamber
- Step 5 The effluent is gravity fed to Points E1 and E2 - filter beds
- Step 6 The effluent is gravity fed to Points F1 and F2 - humus tanks
- Step 7 The sludge is decanted to Point L - sludge storage tanks
The liquid is gravity fed to Point G - re-circulation pump house
- Step 8 The treated effluent is gravity fed to Points H & I - outflow to river

Treatment of Cooling (Oily) Waters

- Step 1 Reception of tankers at Point J - reception tanks
- Step 2 Flotation/flocculation treatment of waters
- Step 3 The treated waters are gravity fed to Point K - filtration unit
- Step 4 Should it be deemed necessary, the waters are pumped back to reception tanks for further treatment
- Step 5 As Step 3
- Step 6 The treated waters are gravity fed to Point A - balancing/holding tanks

The treatment is then as Steps 2 - 8 inc for Domestic Sewage, etc.

AMEXPARK LIMITED - EFFLUENT PLANT

OPERATION STATEMENT

STAFF

Plant Manager
Plant Operative
Engineer

MANAGEMENT SYSTEMS

- (i) All incoming deliveries by tanker are accompanied by delivery notes stating nature of load and collection point

All other incoming effluent is metered by flow meters

All output (final output to river) is metered

- (ii) All instrumentation is monitored by the Operative and serviced on a daily basis by our Engineer

- (iii) Waste awaiting treatment is stored in the balancing/holding tanks (Point A) and residue (sludge) is stored in the sludge storage tanks (Point L)

- (iv) The sludge is tankered off site by Dyfed Disposal Limited

- (v) (a) The plant is constantly monitored. All incoming wastes are checked for acceptability/suitability for treatment. Any suspect load would be isolated and a sample would be sent for analysis. The NRA would be informed.

(b) If the Plant could not operate due to a temporary power failure our stand-by generator would be brought into use.

If there were a pump failure this would be covered by stand-by pumps in situ.

If there were a total failure of the pump house (due to fire or some other disaster) submersible pumps and hose would be used to pump from the holding tanks (Point A) to the flow regulation chamber (Point B). The rest of the system is gravity fed.

- (vi) 240,000 gallons of waste can be stored in the balancing/holding tanks.
16,000 gallons of sludge can be held in the sludge storage tanks.

- (vii) Spillages are avoided by proper supervision of unloading by the Operative. Problems are not experienced with noise, dust, grit or odours, but a deodorising plant is on site should it be required.

- (vii) The site is regularly swept, steam cleaned and maintained. The grassed areas are mown. Conifers have been planted around the perimeter to screen the site, although it is not open to public view.

WASTE DISPOSAL LICENCE - TREATMENT PLANT

23. Measures, including proper maintenance and use, shall be undertaken to control the noise of machinery and vehicles operating at the facility which may be detrimental to the amenities of the locality.
 24. Measures shall be taken to effectively suppress dust and malodours which may be detrimental to the amenities of the locality.
 25. Any cessation of operations for a period in excess of 12 weeks shall be notified to the Waste Disposal Authority. Not less than 14 days notice shall be given to the Waste Disposal Authority of the date on which operations are to recommence in the event of such a cessation.
 26. A copy of any notice or instruction received in respect of the facility from any authority, other than the Waste Disposal Authority, which in any way relates to the use of the facility, shall be given to the Waste Disposal Authority within 3 days of the receipt of such a notice or instruction.
 27. The terms of this licence shall be made known to any person who is given responsibility for the management or control of the facility and be available at all times at the facility for the use of such persons.
 28. Notwithstanding the generality of the conditions in this Schedule, the activities to which this licence relates shall not be carried on so as to cause pollution to water or danger to public health or become seriously detrimental to the amenities of the locality affected by the activities.
 29. All waste produced on site (e.g. sludge) must be disposed of in accordance with all relevant legislation. Frequent sampling and analysis of waste produced must be undertaken, and all records must be kept at the Site Control Office and made available to the Waste Disposal Authority.
-

VARIED

CONDITIONS

WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE F - LICENCE VARIATIONS

SCHEDULE D - OPERATIONS

11A The hours specified in Condition 11 for the disposal of leachate from the Nantycaws Waste Disposal Site are varied as follows:-

Mondays - Fridays From 6 am
To 6 pm

This licence is varied subject to the conditions set out in the schedules attached hereto.

Dated this 10th day of December 1992

Signed
AUTHORISED OFFICER

WASTE DISPOSAL LICENCE - TREATMENT PLANT

Varied
27/9/95

-
12. DRUM CONTAINER shall mean any container in which material is stored. Such containers having storage capacities less than 10 litres or greater than 250 litres shall not be regarded as drum containers for the purpose of this licence.
 13. EMERGENCY shall mean a case where a person has reasonable cause to believe that circumstances exist which are likely to endanger life or health or cause damage to property or pollution of water.
 14. OPERATING shall mean the deposit of waste or acceptance of waste for deposit and all matters incidental thereto.
 15. Notwithstanding the above, words and phrases in this licence have the meaning ascribed to them by the Control of Pollution Act 1974 and its associated regulations.

Varied 24/9/93
[Signature]

WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE C. TYPES OF WASTE.

Permitted Wastes.

*Varied
27/9/93*

1. The types of waste accepted at the facility and the maximum quantity stored at the locations specified in the working plan shall consist only of the following:

<u>Waste.</u>	<u>Maximum Quantity.</u>	<u>Location.</u>
Domestic sewage	50,000 gallons/day	A-L of attached plan.
Leachate Cooling Waters	150,000 gallons/day	" " " " "

Excluded Wastes.

2. Notwithstanding the generality of the types of waste specified in this Schedule the following wastes shall be specifically excluded from delivery to the facility.
- (a) Controlled waste being defined as 'Special Waste' in the Control of Pollution (Special Waste) Regulations 1980 and any subsequent amendments, except those listed in paragraph 1 above.
 - (b) Substances within the Control of Radioactive Substances Act 1960 and any subsequent amendments.
 - (c) Percussives and explosives and other substances with similar characteristics, excepting where such wastes are in such a form or state where the percussive or explosive properties are and will remain ineffective.
 - (d) Any waste containing substances listed in the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972.
 - (e) Any substance listed by the United Kingdom Government under the provisions of the European Community Directive on Pollution Caused by Certain Dangerous Substances Discharged to the Aquatic Environment (76/474/EC) and listed in Annex 1A of the Final Declaration on the Third International Conference of the North Sea 1990.

*Varied 24/9/93.
[Signature]*

WASTE DISPOSAL LICENCE - TREATMENT PLANT

SCHEDULE C. TYPES OF WASTE.

Permitted Wastes.

1. The types of waste accepted at the facility and the maximum quantity stored at the locations specified in the working plan shall consist only of the following:

<u>Waste.</u>	<u>Maximum Quantity.</u>	<u>Location.</u>
Domestic sewage	50,000 gallons/day	A-L of attached plan.
Leachate Cooling Waters	150,000 gallons/day	" " " " "

Excluded Wastes.

2. Notwithstanding the generality of the types of waste specified in this Schedule the following wastes shall be specifically excluded from delivery to the facility.
- (a) Controlled waste being defined as 'Special Waste' in the Control of Pollution (Special Waste) Regulations 1980 and any subsequent amendments, except those listed in paragraph 1 above.
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 - (c) Percussives and explosives and other substances with similar characteristics, excepting where such wastes are in such a form or state where the percussive or explosive properties are and will remain ineffective.
 - (d) Any waste containing substances listed in the Highly Flammable Liquids and Liquified Petroleum Gases Regulations 1972.
 - (e) Any substance listed by the United Kingdom Government under the provisions of the European Community Directive on Pollution Caused by Certain Dangerous Substances Discharged to the Aquatic Environment (76/474/EC) and listed in Annex 1A of the Final Declaration on the Third International Conference of the North Sea 1990.

*Varied
27/9/93*

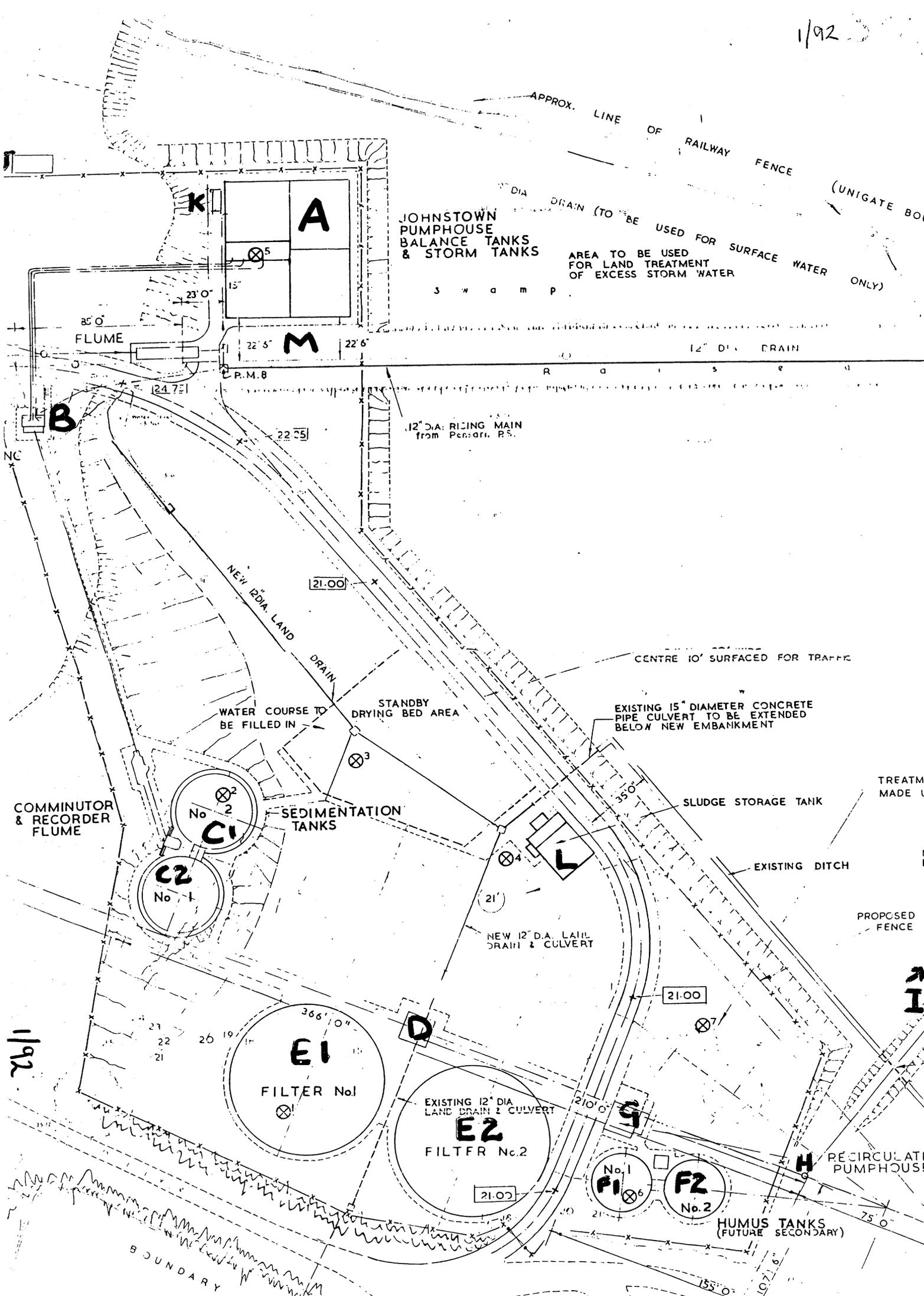
*Varied 24/9/93.
[Signature]*

Appendix 1

Excluded under Section 66 of the Environmental Protection Act 1990: Commercially confidential information.

Area Waste Regulation Manager Signed *R. J. Downes* Date.....3./12/96.

1/92



JOHNSTOWN
PUMPHOUSE
BALANCE TANKS
& STORM TANKS

AREA TO BE USED
FOR LAND TREATMENT
OF EXCESS STORM WATER

s w a m p

APPROX. LINE OF
RAILWAY FENCE
(UNIGATE BOU

12" DIA DRAIN (TO BE USED FOR SURFACE WATER ONLY)

12" DIA DRAIN

R a i l w a y

12" DIA. RISING MAIN
from Pensart, P.S.

CENTRE 10' SURFACED FOR TRAFFIC

EXISTING 15" DIAMETER CONCRETE
PIPE CULVERT TO BE EXTENDED
BELOW NEW EMBANKMENT

TREATME
MADE UI

N
E

PROPOSED
FENCE

I

RECIRCULATI
PUMPHOUSE

HUMUS TANKS
(FUTURE SECONDARY)

BOUNDARY

1/92

