2/H/92/453 ~~Superseded~~ modification 21/12/93 + 25/11/94

Original licence - see file

STAFFORDSHIRE COUNTY COUNCIL
CONTROL OF POLLUTION ACT 1974

WASTE DISPOSAL SITE LICENCE

To Castle Oils Limited and Waste Services
Chemical Lane
Longport
STOKE ON TRENT
ST6 4PB

In Pursuance of their powers under Section 5 of the above mentioned Act the Staffordshire County Council as Waste Disposal Authority hereby licence

Castle Oils Limited and Waste Services
.....
(name and address of licence holder) (hereinafter called "the Holder") of

Chemical Lane, Longport, Stoke on Trent
.....

.....

being the occupier of land at Chemical Lane, Longport,
.....

(land to which licence applies)
Stoke on Trent
.....
more particularly described in Application

Reference WDL.C45 dated 2 April 1991
(hereinafter called "the Site")

In accordance with the conditions appended hereto.

This licence does not purport to convey any approval or consent which may be required under any enactment other than Section 5 of the Control of Pollution Act 1974.

Dated this 15th day of September 1992

.....[redacted]...

County Clerk & Chief Executive

Site Name: Castle Oils Ltd. & Waste Services, Chemical Lane, Longport, Stoke-on-Trent

Operator: Castle Oils Ltd. & Waste Services

Reference: WDL.C45

A. GENERAL

A.1 This licence shall apply to the area shown edged red on Drawing No. 1 dated 8 August 1990 and submitted with the licence application.

A.2 This licence incorporates and replaces waste disposal site licence reference WDL.C36 issued on the 18 May 1989 for the receipt, storage and treatment of waste oils at the premises of Castle Oils Ltd. & Waste Services at the premises in Chemical Lane, Longport, Stoke-on-Trent.

A.3 The facility shall operate for the receipt, storage, treatment and transfer of the waste categories permitted by Condition B.1 only.

A.4 The facility shall be operated in accordance with the submitted application documents entitled "Castle Oils Ltd. Operational Plan", "Chemical Store", "Castle Oils Ltd. Chemical Store" and "Castle Oils Ltd. List of Personnel for Waste Treatment and Oil Recovery Operations", and any amendment thereof.

A.5 Except in cases of emergency, receipt and removal of waste shall be restricted to the following times:-

Monday to Friday	0600 - 2000
Saturdays	0600 - 1300

Except in cases of emergency there shall be no receipt or removal of waste on Sundays or Bank Holidays except Good Friday.

A.6 The terms of the site licence shall be made known to any person who is given responsibility for the management or control of the site and a copy of this licence shall be displayed at the site control office.

A.7 A site identification board of durable material and finish shall be displayed at the site entrance, showing the hours when the site is open and giving the name of the site, the name, address and telephone number of the operator and telephone number for emergency out of hours contact, and of the Waste Disposal Authority responsible for issuing the site licence and shall include the words "Private Site".

A.8 The site shall be manned and supervised during working hours in accordance with the following schedule.

Position	Qualifications	Function	Number
Depot Manager	With relevant plant experience	To manage Depot	One
Secretary/ Clerk	Clerical ability, typist, etc.	Reception, records office work	One
Laboratory/ Plant Technician	HNC Chemistry or recognised equivalent.	Analysis of waste plant process control	One
Process Manager	Chemical Plant Operator to degree standard with supervisory experience	To run Plant on shift basis	One
Oil Plant Supervisor	Experience in Oil Plant operation	Operation of Oil Plant	One
Plant Operators	Experience in Chemical Plant operation	To operate Plant in a safe and reliable manner	Two

The Depot Manager, Oil Plant Supervisor and clerical staff shall be appointed before any waste is accepted on site for storage and transfer, and for processing of oils and oil/water mixtures.

The Process Manager, Plant Operators and Laboratory/Plant Technician shall be appointed before any waste other than oil or oil/water mixtures or pottery slip are treated on site.

A.9 Prior to the receipt of waste designated for Treatment Process Area B, a fully operational laboratory shall be available on site.

A.10 A site diary shall be maintained at the site and shall be made available for inspection by Waste Disposal Authority personnel on demand.

A.11 All instances of plant malfunction or rejection of waste intake shall be recorded in the site diary.

A.12 The treatment plant shall be equipped with a fork lift truck or similar machine to move drummed wastes within the site after the waste has been checked in accordance with the procedures specified in Section D.

A.13 In the event of a breakdown of the fork lift truck or similar machine, and no replacement being available within the 24 hours following the breakdown, no drummed wastes shall be accepted at the site until a suitable machine is available to handle the waste. The date and time of any such breakdown shall be recorded in the site diary.

B. PERMITTED WASTES

B.1 The facility shall be licensed for the receipt, storage, transfer and treatment of the waste types listed in Appendix 1 to the licence and for the quantities specified therein.

B.2 The maximum quantity of waste received at the site shall not exceed 400 tonnes per day.

B.3 The waste types listed in Appendix 1 shall only be accepted on site if the appropriate storage and/or treatment process is available for the particular waste type.

B.4 The holder shall not without the prior written permission of the Waste Disposal Authority store or keep or cause or permit to be stored or kept for any period on the site any waste material other than any of the waste materials specified in Appendix 1 of this licence and which have been deposited in accordance with the conditions specified herein.

B.5 No drummed waste shall be received at the site for Treatment Process Area B.

C. SITE LAYOUT

C.1 The overall site layout shall be as shown on drawing No. 1 submitted with the licence application.

C.2 Waste oil and oil water mixture for reprocessing shall only be stored in the areas designated as Storage areas A and C on Drawing No. 1.

C.3 Treatment of wastes other than waste oil and oil water mixtures for re-processing shall only take place in the area defined as Treatment Process Area B on Drawing No. 1.

C.4 Storage of laboratory chemicals shall only take place in the Chemical Store shown on Drawing No. 3 and in accordance with the design and system specified in the submitted document entitled "Castle Oils Ltd., Chemical Store".

C.5 Operation of the Treatment Process Area B in whole or in part shall be in accordance with the operational plan and submitted layout drawings No 1 and 2 and No 3 drawing entitled "Outline Flow Diagram Waste Treatment Plant" dated 9 April 1990.

C.6 Site drainage arrangements shall be as shown on the submitted drainage layout plan and any discharge of effluent to sewer or water course shall only take place subject to the operator obtaining in advance any necessary discharge consent from the relevant authority.

C.7 A control office shall be maintained on the site.

C.8 The existing fencing surrounding the site shall be maintained to a standard equivalent to 2m. high chain link topped with 3 strands barbed wire supported at regular intervals by rigid posts at a maximum of 3 metre centres.

C.9 Gates to the same height specification as the boundary fencing shall be provided at the site entrance shall be kept closed and locked at all times when the site is unattended.

C.10 All hardstanding areas shall be maintained to ensure they are kept free of pot-holes, cracks and any other defects and such defects shall be repaired within 7 days of being noticed.

C.11 No working shall take place within the site during the hours of darkness unless site lighting is provided, maintained and used.

C.12 The chemical store shall be bunded so as to be able to contain as a minimum 110% of the volume of the largest individual drum or container stored within that area.

C.13 Stacked drums or containers within the chemical store shall be within bay areas with separating walls high enough to contain any stacked drums or containers which may fall. Drums or containers in the bunded area shall be stacked no more than three high.

D. WASTE RECEPTION PROCEDURE

D.1 Prior to the receipt for transfer, storage or treatment in Process Area B of any new waste arising, a sample of the waste shall be obtained from the producer of the waste together with full information regarding the nature and source of the waste.

D.2 Except in circumstances of emergency all incoming waste materials for transfer, storage or treatment in Process Area B shall be prenotified to the licence holders at least 24 hours prior to its receipt with the following information.

1. Name and address of the producer
2. Name and address of the carrier
3. Description of the incoming material and its contaminants
4. Analysis of the waste
5. Quantity of the incoming material and type of secure container
6. Date and estimated time of delivery

D.3 Samples collected in accordance with Condition D.1 shall be submitted to a laboratory for relevant certified analysis for the following determinants:

Filtration for Solids
Appearance and smell
pH
Chemical oxygen demand and/or
Total organic carbon
Flammability
Heavy Metals
Cyanide
Ammonia
Sulphate
Nitrate
Nitrite
Phenolics
Any other determinants as required by the Waste Disposal Authority

D.4 Upon receipt of all drummed and other packaged wastes, each container shall be inspected to ensure there is no leakage.

D.5 Any container which leaks shall be immediately placed into a larger secure container so as to contain the leakage.

D.6 On arrival at the site all oil and oil/water mixtures shall be sampled by site personnel and be subjected to the following rapid tests:

Appearance and smell
pH
Flammability

D.7 Following compliance with Condition D.6, if the flash point is less than 40°C, the waste should be rejected or directed to a designated safe storage area while further investigations are carried out.

D.8 On arrival at the site all pottery slip shall be sampled by site personnel and be subject to the following rapid tests:

Appearance and smell
pH

D.9 On arrival at the site all other wastes designated for Treatment Process Area B shall be sampled by site personnel and be subject to the following rapid tests:

Appearance and small
pH
Flammability
Cyanide
Nitrite
Chromium (VI)
Copper
Nickel
Iron

D.10 The results of the tests required by Conditions D.3, D.6, D.8 and D.9 shall be compared with the known information concerning the waste including any accompanying control documents, before discharge is permitted.

D.11 Where any discrepancy is found as a consequence of compliance with Condition D.10 the waste should be rejected or directed to a designated safe storage area while further investigations are carried out.

D.12 All instances of rejection of waste materials shall be notified to the Waste Disposal Authority within 24 hours, or on the next working day.

D.13 If waste is to be deposited in bulk storage tanks, in Treatment Process Area B, a sample of the waste shall be mixed with a sample of waste currently stored in the bulk storage tank by the chemist.

D.14 The chemist shall observe whether any adverse chemical reactions or physical interactions take place after the steps in Condition D.13 have been carried out e.g. liberation of heat or evolution of any gases).

D.15 If any adverse chemical reactions or physical interactions are observed, then the waste shall not be deposited in the bulk storage tanks.

D.16 All discharges in Treatment Process Area B must be supervised by a plant chemist and no discharge of waste shall commence unless a plant chemist is present on site.

D.17 Upon receipt of all drummed and other packaged wastes a clear and visible label shall be attached by the holder to each container or package clearly stating the following:

1. Name of the producer
2. Date of the delivery
3. Contents of the container

D.18 The holder shall ensure that the label remains attached to each container or package throughout the period of storage at the Treatment Plant.

D.19 In addition to the requirements of Conditions D.1 to D.10 inclusive, where waste consignments are received in drums for Area A, they shall be directed to a designated bunded drum storage area.

D.20 Any drums or other containers which do not conform to the anticipated description and cannot be treated at the Treatment Plant shall be marked stating "rejected" and directed to a separate rejected wastes bunded storage area prior to removal from site. The Waste Disposal Authority shall be notified in writing of all rejected loads.

D.21 All consignments rejected as being unsuitable for treatment at the plant shall, subject to the requirement of appropriate control legislation, be removed from the site within 24 hours of rejection or on the next working day except when otherwise permitted by the Waste Disposal Authority.

D.22 Discharge of waste shall only take place in accordance with the "Operational Procedure" set out in the Operational Plan.

D.23 All samples obtained in compliance with Conditions D.1, D.6, D.8 and D.9 shall be retained on site for a minimum of one month.

D.24 Where required by the Waste Disposal Authority staff, samples obtained in compliance with Conditions D.6, D.8 and D.9 shall be subjected to the same level of determinants as those required in compliance with Condition D.3.

D.25 The cost of taking and analysing all samples required by this licence shall be borne by the licence holder.

E. STORAGE & DRAINAGE

E.1 All drums and other containers shall be stored such that each one may be visually inspected.

E.2 All drums and other containers shall be inspected daily to ensure that there are no leakages or spillages.

E.3 Any drums and other container which leaks, or shows signs of leakage, shall immediately be placed into a larger secure container so as to contain any leakage.

E.4 Each storage area shall be constructed as detailed in the Statement of Intent so as to contain any spillages within a bund and shall drain into a sealed tank.

E.5 Laboratory Chemicals in drums or similar containers containing alkaline wastes, acidic wastes, wastes with oxidising properties, wastes with reducing properties, and wastes that liberate gases when in contact with any other permitted waste or with water shall be stored in such a manner so that in the event of the escape of any waste there is no risk of that waste coming into contact with any other waste or with water.

E.6 Any spillages, washings or other liquids shall be contained within the site in a storage tank for treatment or off site disposal.

E.7 No spillages, trade effluent or contaminated water shall enter any watercourse or surface water sewer.

E.8 Any spillages or leakages of waste shall be immediately cleaned up by either:

a. absorption on suitable solid materials e.g. soda ash, lime or sand, which shall be stored on the site at all times.
b. collection in a suitable container.

E.9 The time, date and nature of any spillage or leakage, and the subsequent action taken to clean it up, shall be recorded in the site diary.

F. RECORD KEEPING

F.1 The licence holder shall keep copies on site of all analytical results of testing required by Conditions D.3 and D.6 which shall be made available for inspection by Waste Disposal Authority staff on demand.

F.2 Where required by Waste Disposal Authority staff, the licence holder shall furnish copies of analytical results retained in compliance with Condition F.1.

F.3 The licence holder shall keep a daily record of all incoming waste materials, as defined by Appendix 1, to include:

1. Name and address of the producer(s).
2. Name and address of the carrier.
3. Quantity and type of waste material.
4. Date of collection from the producer.
5. Date and time of reception at the site.

This information shall be made available for inspection by any authorised officer of the Waste Disposal Authority.

F.4 The licence holder shall keep a daily record of all outgoing waste materials, to include:

1. Quantity and type of waste material(s) comprising each load.
2. Destination point or disposal site for the waste material(s) comprising each load.
3. Date and time of removal from the site.

This information shall be made available for inspection by any authorised officer of the Waste Disposal Authority.

F.5 The licence holder shall maintain a record of all wastes received into the chemical storage area together with details of removals from that area.

F.6 The licence holder shall maintain a record of all waste rejected as being unsuitable for receipt at the site. Such records shall include the site to which such wastes were ultimately directed.

Appendix 1

Type of Waste	Code of Waste	Liquids (Tonnes)	Sludges (Tonnes)	Solids (Tonnes)
Hydrochloric Acid	A10	90	45	-
Sulphuric Acid	A20	150	75	-
Nitric Acid	A30	90	45	-
Chromic Acid	A40	90	45	-
Phosphoric Acid	A50	90	45	-
Hydrofluoric Acid	A60	90	45	-
Alkalis				
Alkali metal oxides and hydroxides, calcium oxide, proprietary alkaline cleaners	C10	150	150	150
Sodium and/or Potassium Hydroxides or Oxides	C11	150	150	150
Ammonia	C20	250	75	75
Calcium Hydroxide	C91	-	75	75
Sodium and/or Potassium Carbonates	C92	50	75	75
Toxic Metal Compounds				
Cadmium	D10	40	40	40
Mercury	D20	40	40	40
Lead	D30	40	40	40
Arsenic	D40	40	40	40
Copper	D91	60	60	60
Zinc	D92	60	60	60
Barium	D93	20	20	20
Thallium	D94	20	20	20
Nickel	D95	20	20	20
Vanadium	D96	20	20	20
Silver	D97	20	20	20
Non Toxic Metal Compounds				
Ammonium Salts	E91	275	100	100
Titanium Salts	E92	100	100	100
Inorganic Compounds				
Cyanides	H10	20	1	1
Chromates	H41	50	25	25
Other Inorganic Materials				
Asbestos	J10	-	-	25
Slag incl. boiler and flue cleanings	J20	20	250	250
Mineral Processing Wastes	J30	20	80	80
Silt and Dredgings	J40	-	300	300
Water (contaminated)	J50	400	400	-

G. SAFETY MEASURES & EMERGENCIES

G.1 All enclosed waste storage areas shall be adequately ventilated at all times.

G.2 There shall be no smoking in the designated areas defined as storage areas A, B, and C on Drawing No. 1.

G.3 No material shall be burned within the boundaries of the site at any time. 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 Waste Disposal Authority.

Cont'd. (Appendix 1)

Type of Waste	Code of Waste	Liquids (Tonnes)	Sludges (Tonnes)	Solids (Tonnes)
Fuels, Oils and Greases				
Mineral Oils	M10	400	400	-
Vegetable and other oils	M40	400	400	-
Oil/Water Mixtures	M50	400	400	-
Fats, Waxes and Greases	M60	400	400	400
Fine Chemicals and Biocides				
Pesticides	N21	20	-	20
Herbicides	N22	20	-	20
Treatment Sludges				
Industrial Effluent Treatment Sludges	Q40	-	400	-
Interceptor Wastes, Paints and Pigments				
Tank Cleaning Sludge	R10	400	400	-
Interceptor pit wastes	R20	400	400	-
Paint Wastes	R80	400	400	400
Miscellaneous Wastes				
Soap and Detergent	S50	400	400	400
Animal and Food Wastes				
Food Processing Wastes	T20	400	400	400
Glue Wastes	T30	400	400	400
Miscellaneous Laboratory Chemicals in individual containers not exceeding 1kg. or 5 litres		1	-	1
Pottery Slip		400	400	-