AUTHORISATION

Part 1, Environmental Protection Act, 1990

Environmental Protection (Prescribed Processes & Substances) Regulations SI 1991 No. 472 (as amended)

Environmental Protection (Applications, Appeals & Registers) Regulations SI 1991 No. 507 (as amended)

Authorisation Reference No: PET 1/99/A

Application Received: 24/9/99

Sainsbury Supermarket Ltd of Stamford House, Stamford Street, Blackfrairs, London, SE1 9LL is hereby authorised to operate a process for the unloading into storage of petrol from mobile containers at a service station, as defined in Part B of Section 1.4 of Schedule 1 to the Environmental Protection (Prescribed Processes and Substances) Regulations 1991. SI 472 (as amended) and as described below in accordance with the following conditions which shall apply from 15 October 1999.

Address of authorised process: Sainsbury Supermarket Ltd,
St. Germain Walk,
Nursery Road,
Huntingdon

Description of Process

The unloading of petrol into stationary storage tanks at a service station within the process boundary marked on the attached location plan reference PET 1/99/A. The service station has 4 storage tanks, 3 of which are used for petrol storage.

Conditions

1. Vapours displaced by the delivery of petrol into storage installations at service stations shall be returned through a vapour tight connection line to the mobile container delivering the petrol. Unloading operations may not take place unless the arrangements are in place and properly functioning, subject to conditions 3, 4 and 5.

2. The operator shall implement the schedule of preventative maintenance as documented in 'Sainsbury's Stage 1b Vapour Recovery – Details of Operation' provided as part of the application for authorisation dated 24 September 1999.

3. All reasonably practicable steps shall be taken to prevent uncontrolled leaks of vapour from vents, pipes, and connectors from occurring. The local enforcing authority shall be advised without delay of the circumstances of such a vapour leak if there is likely to be an effect on the local community and in all cases such a vapour leak should be recorded in the log book required under condition 24.

4. The operator shall advise the local enforcing authority of the corrective measures to be taken and the timescales over which they will be implemented in the event of a vapour leak described in condition 3.

5. Instances of vapour lock shall be recorded in the log book and, under the circumstances detailed in condition 3, be advised to the local enforcing authority.

6. The procedures in conditions 2 to 5 inclusive shall be reviewed in light of any modifications which occur to the facilities. The local enforcing authority shall be advised of any proposed alteration in operating procedures.

7. The vapour balancing systems shall be of a size and design, as approved by the local enforcing authority, to minimise vapour emission during the maximum petrol and vapour flow in accordance with conditions 1 to 8 i.e. when most tank compartments are being simultaneously discharged.

8. The number of tanker compartments being discharged simultaneously shall not exceed 2, excluding the diesel compartment.

9. The connection points on the tank filling pipes and vapour return pipe shall be fitted with secure seals to reduce vapour leaks when not in active use. If apertures are provided on storage tanks for the use of a dipstick these shall be securely sealed when not in active use.

10. The fittings for delivery and vapour return pipes shall be different to prevent mis-connection.

11. Petrol storage tank vent pipe[s] shall be fitted with a pressure vacuum relief valve to minimise vapour loss during unloading and storage of petrol. The pressure vacuum relief valve shall be sized and weighted to prevent vapour loss, except when the storage tanks are subject to potentially hazardous pressurisation.

12. When connecting hoses prior to delivery, the vapour return hose shall be connected before any delivery hose. The vapour return hose shall be connected by the road tanker end first, and then at the storage tank end.

13. Adjacent to each vapour return connection point for the storage tank, there shall be a clearly legible and durable notice instructing "Connect vapour return line before off-loading" or similar wording. The sign shall also refer to the maximum number of tanker compartments which may be unloaded simultaneously in accordance with condition 8.

14. If dip testing of storage tanks or road tanker compartments is performed before delivery, the dip openings shall be securely sealed prior to the delivery taking place.

15. Road tanker compartment dip testing shall not be performed whilst the vapour hose is connected.

16. A competent person shall remain near the tanker and keep a constant watch on hoses and connections during unloading.

17. All road tanker compartment vent and discharge valves shall be closed on completion of the delivery.

18. On completion of unloading the vapour hose shall not be disconnected until the delivery hose has been discharged and disconnected. The delivery hose shall be disconnected at the road tanker end first. The vapour return hose shall be disconnected at the storage tank end first.

19. All connection points shall be securely sealed after delivery.

20. If the storage tanks or road tanker compartments are dipped after delivery, the dip openings shall be securely sealed after dip testing.

21. Manhole entry points to storage tanks shall be kept securely sealed except when maintenance and testing are being carried out which require entry to the tank.

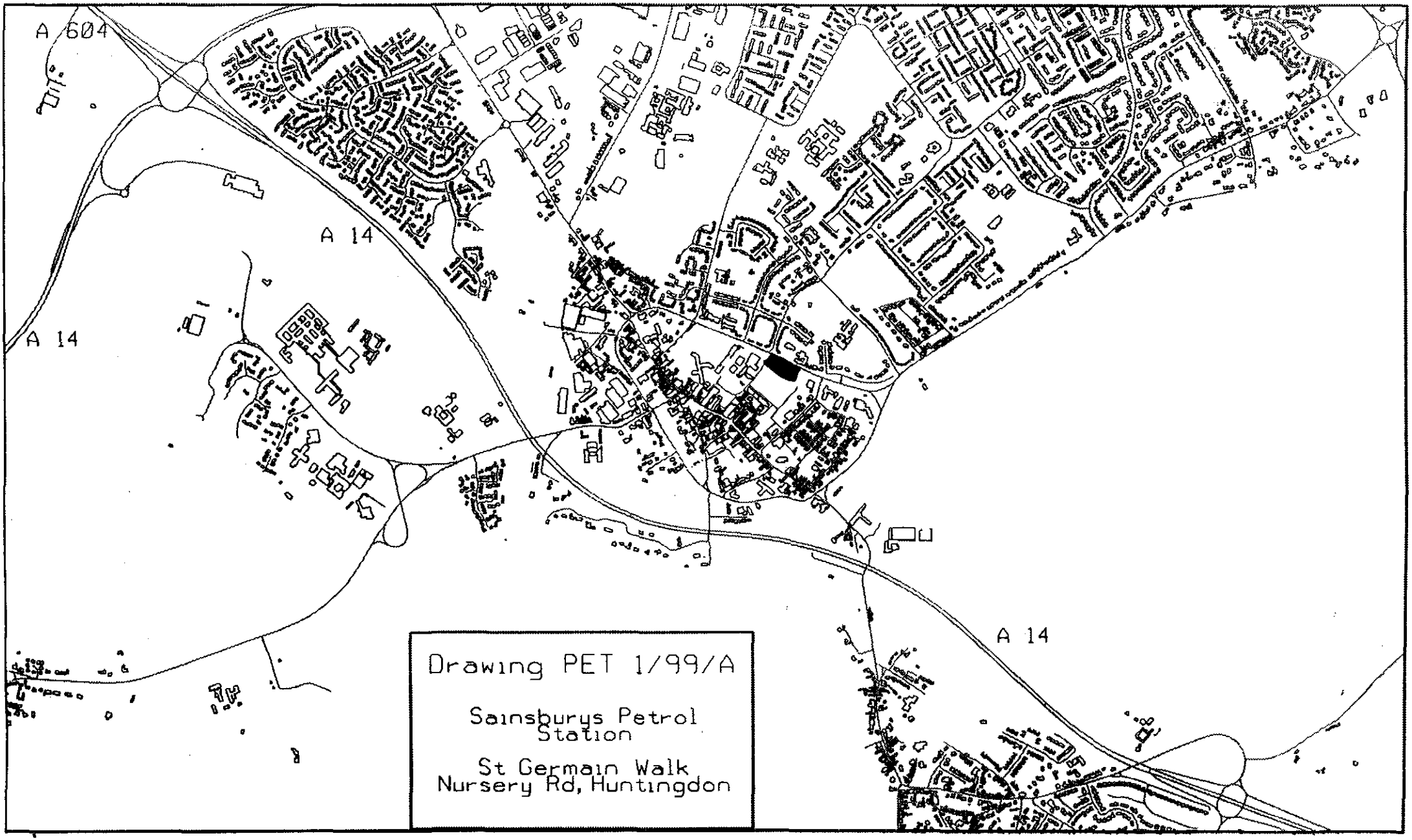
22. Petrol delivery and vapour return lines shall be tested in accordance with the schedule provided as part of the application for 24 September 1999[or such other schedule as may be agreed by the local enforcing authority].

23. Pressure vacuum relief valves on petrol storage tank vents shall be checked for correct functioning, including extraneous matter, seating and corrosion at least once every three years.

24. The operator shall maintain a log book at the authorised premises incorporating details of all maintenance, examination and testing, inventory checking, installation and repair work carried out, along with details of training given to operating staff at the service station.
The log book shall also detail any suspected vapour leak together with action taken to deal with any leak, in accordance with Clauses 3, 4 and 5.

25. Venting of the petrol vapour shall be through the vent pipes marked on the attached plan drawing reference number G-1067-99.

Signed.....Elizabeth H Wilson.....**Date**.....14TH OCTOBER 1999.....


A 604
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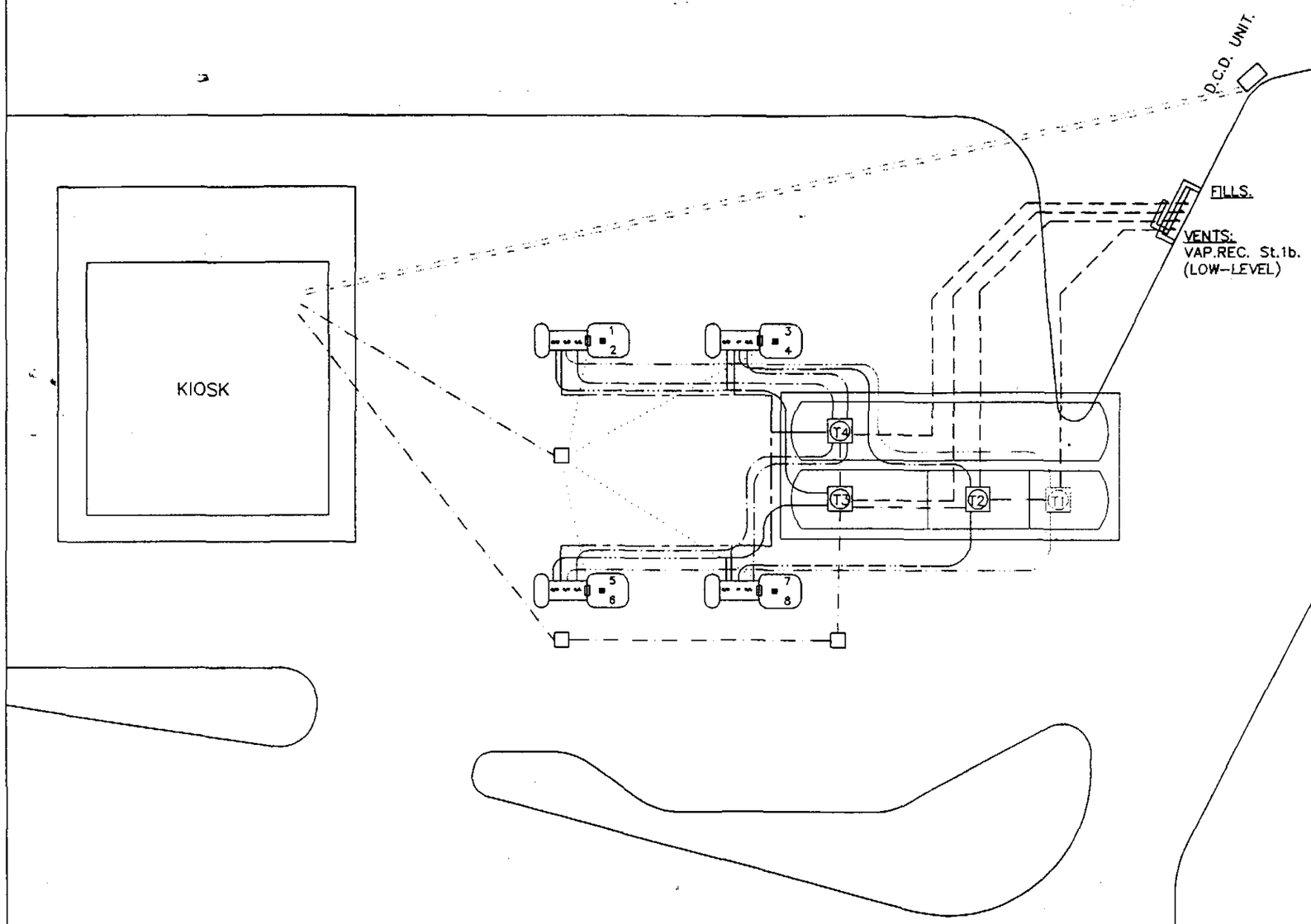
Drawing PET 1/99/A
Sainsburys Petrol Station
St Germain Walk
Nursery Rd, Huntingdon

DO NOT SCALE



LEGEND

TANK/PUMP CONFIGURATION

TANKS				PUMPS									
TANK No	GRADE	CAPACITY MAX 100% LITRES	CAPACITY NOM 95% LITRES	1/2		3/4		5/6		7/8			
1	C/P	15,000	14,250	1				1					
2	4*	20,000	19,000			1				1			
3	C/D	25,000	23,750	2		2		2		2			
4	U/L	60,000	57,000	0		0		0		0			

PIPEWORK

VENTS(WITH 5m RAISERS) – DURAPIPE VENT PLUS ø 83mm (RUNS WITH FILLS)

FILLS – DURAPIPE FILL PLUS

– – – – – – – – – – – – ø 110mm FILLS

STAGE 2 VAPOUR COLLECTION – DURAPIPE VENT PLUS
STAGE 2 VAP REC PIPEWORK INTO TANK 4 UNLEADED CHAMBER

– – – – – – – – – – – – ø 83mm VAPOUR RECOVERY

SUCTIONS – DURAPIPE PLUS
ø 54mm SUCTION
ø 83mm SPLIT SUCTION

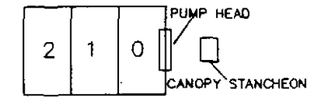
– · – · – · – · – · – · – UNLEADED SUCTION
– – – · – – – · – – – · – 4* SUCTION
– – – · · – – – · · – – – CITY DIESEL SUCTION
– – – · · – – – · · – – – CITY PETROL SUCTION

DUCTING

– · – – · – – · – – · – ø 150mm DUCTS
– – – – – – – – – – – – ø 100mm DUCTS
. . . . . ø 75mm DUCTS

PUMPS

WAYNE DRESSER 9000 6-HOSE (4 OFF)



HOSE NUMBERS
HOSE 0 – U.L.P
HOSE 1 – 4 STAR/CITY PETROL
HOSE 2 – CITY DIESEL

ACCESS COVERS

4 OFF ø 900mm (WITH SUB-COVERS)

TANKS

COOKSON & ZINN DOUBLE SKINNED STEEL TANKS (IN PEA SHINGLE)

INTERSTITIAL LEAK DETECTION SYSTEM

VEEDER-ROOT

OVERFILL PREVENTION VALVES

EMCO WHEATON

TANK GAUGE

VEEDER-ROOT TLS350R

D.C.D

VEEDER-ROOT DCD350

ISS.	DATE.	MOD.No.	(COMMENTS)
B	28/7/99		ST2 VR TO TANK 4
A	4/6/99	---	POSSIBLE PROPOSAL FOR J S HUNTINGDON

A1

DIMN.IN MM./ (USED ON) Wayne

TITLE:
J.SAINSBURY,-
HUNTINGDON
TANK, P/W., DUCT LAYOUT

APPR'D/CHECKED
DRAWN R.J.W
SCALE 1:100
DRAWING No.
G-1067-99
SHEET 1 of 1 SHEETS.

GENERAL NOTES

1. Implied Conditions

It should be noted that Section 7(4) of the Act provides that, in relation to any aspect of the process not regulated by the conditions in this authorisation the best available techniques not entailing excessive cost shall be used:

(i) for preventing the release of substances prescribed for air into the air, or where that is not practicable by such means, for reducing the release into the air of such substance to a minimum and for rendering harmless any such substances which are so released, and

(ii) for rendering harmless to any other substances which might cause harm if released into the air.

The provision of sufficient training and practical instruction to enable staff to carry out their duties in respect of using (or supervising the use of and maintaining vapour balancing controls, and the actions to be taken in the event of a leak of vapour) are essential to attainment of best available techniques not entailing excessive cost at filling stations.

2. Review

The Local Authority will undertake a review of the conditions in this authorisation at least every 4 years or where complaint is attributable to the process an immediate review shall be undertaken.

3. Variation

The Local Authority will ensure that the authorisation remains up to date in line with the objectives set out in section 7(2) of the Act and may issue a Variation Notice following amendment to the Secretary of State's Guidance Note or following receipt of any direction from the Secretary of State.

4. Appeal

The operator can appeal in writing to the Secretary of State for the Environment against the conditions included in an authorisation or any refusal to vary the authorisation within six months of the date of the decision against which the appeal is made. Appeals will not put notices into abeyance, except in the case of revocation notices.

5. Transfer of Authorisation

The holder of the authorisation may transfer it to a person who proposes to carry out the process in the holder's place. The person to whom the authorisation may transfer it to a person who proposes to carry out the process in the holder's place. The person to whom the authorisation is transferred must notify the Local Authority within 21 days of the date of transfer and anyone who fails to do so is guilty of an offence.

6. Other Legal Requirements

This Authorisation is issued solely for the purpose of Part 1 of the Environmental Protection Act 1990 and the Operator must ensure that he complies with all other statutory requirements.

7. Annual Subsistence Charge

The Secretary of State has drawn up a charging scheme under Section 8 of the Environmental Protection Act 1990, Part 1. Under this scheme Local Authorities are required to levy an annual subsistence charge related to the authorisation. The Local Authority will invoice for the amount due which is subject to annual review by the Department of the Environment.