



MRS S C GOULTY
FINANCE & SECRETARIAT (NUCLEAR)1

D/DGSM/CSSE/Sec(Nuc) 5/143

Mr R Evans
6 Birtwhistle House
150 Parnell Road
LONDON
E3 2JY

DPA

**Defence
Procurement
Agency**

DGSM/CSSE
Defence Procurement Agency,
Ministry of Defence
Rowan 1a, #164
MOD Abbey Wood
Bristol, BS34 8JH

Switchboard: 0117 91 3000

16 June 1999

Dear Mr Evans

REQUEST FOR DOCUMENTS - PQ 84348

The documents you requested in your letter of 30 May are enclosed. I have had to use two boxes, and have enclosed a copy of this letter in each box. This is Box One of Two.

If you wish to make a complaint that your request for information has not been properly dealt with, you should appeal to The Ministry of Defence, OMD 14, Rm 617, Northumberland House, Northumberland Avenue, London WC2N 5BP. You may at any time register a complaint with the Parliamentary Commissioner for Administration (the Ombudsman) through your Member of Parliament, but the Ombudsman will expect you to have exhausted the internal Ministry of Defence complaints procedure first.

*Yours sincerely
S C Goilty*

S C GOULTY

AN EXECUTIVE AGENCY OF THE MINISTRY OF DEFENCE



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Protective Marking

AWE Bid Control Note
MOD Question/ AWE Answer

Tender Number:	Unique ID Ref: 1 MOD 1 Q 160	Date: 30-Mar-99
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MOD Question:
Would you please supply the following information on the surface water discharges from Aldermaston and Burghfield:-

1. Total number on each site
2. Capacity and diameter of each pipe
3. Location of each pipe
4. Discharge consent conditions for each pipe
5. Receiving water for each pipe
6. Number of times that the discharge consents has been exceeded.

MOD Originator:	MOD Release Authority:
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AWE Response Time Category:
Enter A (5 days), B (10 days), C (15 days) or D (specified days)

The response time required for Category D, if selected, shall be: working days

AWE Answer:
Please find attached:
Table (Ref 1 MOD 1 Q160) detailing data for each consented outfall;
Copy of Aldermaston outfall consents (ANNEX A);
Map of Aldermaston outfall locations (ANNEX B); and
Schematic of AWE(B) site drainage and outfall conditions.

AWE Source/ Document Reference(s):

AWE Owner Name:	Date:
AWE Peer Review Approval:	Date:
AWE Bid Support Office Authorisation for Release:	Date: 16/04/99

MOD Authorisation: The AWE Answer is Delivered	Signature:	
Reference (if applicable):	Print Name:	Date:

Protective Marking

Ref / MED / G / 160

AWE Aldermaston

Outlet	Capacity & Diameter	Location Grid Ref.	Discharge Conditions	Receiving Water	No of Times Consents Breached
Contractor's Rd Outfall 15	Rainfall dependant channel	SU 59585438	A copy of the current Consent to Discharge (Amended 19/3/99) for this Location has been included at ANNEX A The discharge Consent Conditions are identical for each outlet The conditions of this consent will not be modified during a period of 48 months from the date the notice is served.	A tributary of Aldermaston Stream	0
Falcon Fields Outfall 6	Rainfall dependant culvert	SU 59676263	As above	West End Brook	1 Cu limit (28 ug/l) breached in November 1998 (result 91 ug/l)
North Ponds Outfall 13	Rainfall dependant but controlled outfall flow	SU 59436436	As above	Aldermaston Stream	0
Fish Pond Outfall 16	Rainfall dependant	SU 60156455	As above	A tributary of Fisherman's Brook	0
Stock Pond Outfall 17	Pipe Outlet Rainfall dependant	SU 60366465	As above	A tributary of Fisherman's Brook	0
Decoy Pond Outfall 21	Pipe Outlet Rainfall dependant	SU 60656328	As above	The Decoy Pond Stream	0
Circus Farm Outfall 31	Pipe Outlet Rainfall dependant	SU 60106305	As above	The Circus Farm Stream	0

Attached Map shows Discharge locations

Ref / MED / G / 160

w/E Burghfield (See Note 1)

	Capacity & Diameter	Location	Discharge Conditions	Receiving Water	No of Times Consent Breached
P459 Outfall 1	12" dia	See Attached schematic diagram	Volume of Trade Effluent not to exceed 2,000 gpd BOD in 5 days at 20 deg not to exceed 20 mg/l Suspended Solids not to exceed 30 mg/l Facilities to enable EA to sample discharges at this location Discharge shall not contain any oil or grease.	Outlet to the Burghfield Brook Within site perimeter	SEE NOTE 2 BELOW
P460 Outfall 2	42" x 25" Concrete Duct		Volume of Trade Effluent not to exceed 10,000 gpd Burghfield Brook Outlet temperature not to exceed 21 deg Facilities to enable EA to sample discharges at this location Discharge shall not contain any oil or grease.	Outlet to the Burghfield Brook Within site perimeter	
P65 Outfall 3	12"		Effluent Discharge in dry weather not to exceed 150,000 gpd BOD in 5 days at 20 deg C not to exceed 20 mg/l Suspended Solids not to exceed 30 mg/l Facilities to enable EA to sample discharges at this location	Outlet to the Burghfield Brook Within site perimeter	

Note:

- 1, These consents were issued under the 1961 Act. Applications for replacement consents under the Water Resources Act have been submitted and are under discussion. There are 4 further outlets (Nos. 4 - 7) for which consent applications have been made.
2. The evidence available indicates that there have been no breaches of the consents. The outlets have not been routinely monitored, however EA have conducted compliance monitoring and have not commented adversely to AWE on the results obtained. Occasional discharges of oil to Burghfield Brook have occurred in the past, most have been contained 'On-Site'. All such occurrences have been reported to the EA.
3. The attached map indicates the location of the outlets.

CONSENT: WR3543



ENVIRONMENT
AGENCY

ENVIRONMENT AGENCY

WATER RESOURCES ACT 1991
Section 88 - Schedule 10
(as amended by the Environment Act 1995)

NOTICE OF MODIFICATION OF CONSENT TO DISCHARGE

To: Hunting Brae Ltd
AWE (Aldermaston)
Aldermaston
Reading
Berkshire
RG7 4PR

WHEREAS the Agency in pursuance of its powers under the Water Resources Act 1991 GRANTED CONSENT to the making of a discharge of trade effluent on the 30th October 1998.

FROM: Outfall 15, Contractors Road, AWE Aldermaston, Aldermaston, Reading, Berkshire.

NOTICE IS GIVEN that all the conditions of the above consent are hereby DELETED and REPLACED by the conditions set out in SCHEDULE 1 attached.

Subject to the provision of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, which alters the modifications made by this notice, without the agreement in writing of the consent holder, during a period of 48 months from the date this notice is served.

Dated: 19 March 1999 Signed:

A handwritten signature in black ink, appearing to be 'J. R. West', written over a circular stamp or seal.
Environment Planning Manager (West)

NOTE: Consent WR3543 is updated accordingly.



CONDITIONS OF CONSENT TO DISCHARGE

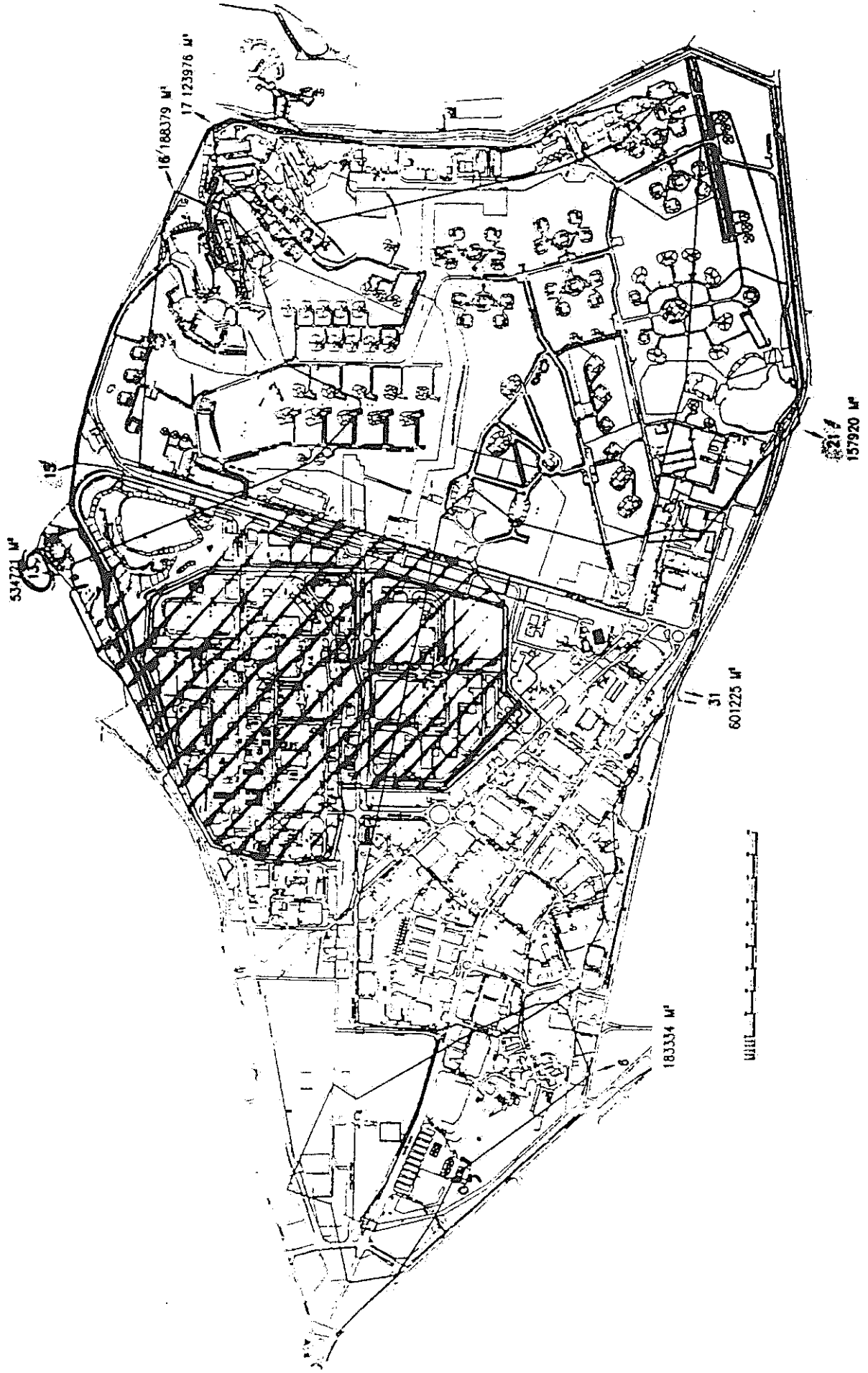
TRADE EFFLUENT COMPRISING SITE DRAINAGE AND OTHER MATTER
("The Discharge")

FROM: Outfall 15, Contractors Road, AWE Aldermaston, Aldermaston,
Reading, Berkshire

- 1 a) The discharge shall not contain any poisonous, noxious or polluting matter or solid waste matter.
b) Provided that the discharge hereby consented is made in accordance with the following conditions of this consent, such discharge shall not be taken to be in breach of condition a) above by reason of containing substances or having properties identified in and controlled by those conditions.
- 2 The discharge shall be made at National Grid Reference SU 5958 6439 at the point indicated on the submitted plan.
- 3 The discharge shall be made by means of a pipe outlet.
- 4 The discharge shall consist only of trade effluent comprising site drainage and other matter.
- 5 Facilities to enable the Agency's Officers to take samples of the discharge shall be provided and maintained at the outlet.
- 6 The discharge shall conform to the following standard:
 - a) Total mercury content shall not exceed 1 microgramme per litre.
 - b) Total cadmium content shall not exceed 5 microgrammes per litre.
 - c) Total lead content shall not exceed 250 microgrammes per litre.
 - d) Total copper content shall not exceed 28 microgrammes per litre.
 - e) Total zinc content shall not exceed 500 microgrammes per litre.
 - f) Total chromium content shall not exceed 250 microgrammes per litre.
 - g) Total nickel content shall not exceed 200 microgrammes per litre.
 - h) Dichloroethane (1,2) content shall not exceed 10 microgrammes per litre.
 - i) Trichloroethane (1,1,1) content shall not exceed 100 microgrammes per litre.



- j) Carbon Tetrachloride content shall not exceed 12 microgrammes per litre.
 - k) Tetrachloroethene content shall not exceed 10 microgrammes per litre.
 - l) Trichloroethene content shall not exceed 10 microgrammes per litre
 - m) Trichlorotrifluoroethane content shall not exceed 10 microgrammes per litre.
 - n) Dichloromethane content shall not exceed 10 microgrammes per litre.
 - o) Chloroform content shall not exceed 12 microgrammes per litre.
- 7 The pH value of the discharge shall be maintained within the range of 6 to 9.
- 8 The discharge shall not contain more than 20 milligrammes per litre of oil or grease and in any event shall not cause any visible trace of oil or grease to appear on the surface of the tributary of the Aldermaston Stream.
- 9 A plan of the catchment area for this discharge showing the position of all drains, silt traps and interceptors shall be submitted to the Agency's Environment Planning Manager (West Area), Thames Region within two months of the date of issue of the consent.
- 10 As far as is reasonably practicable the discharge:
- (a) shall not contain any matter other than matter specifically covered by numerical conditions in this consent, to such an extent as to cause the receiving waters, or any waters of which the receiving waters are a tributary, to be poisonous or injurious to fish in those waters, or to the spawning grounds, spawn or food of fish in those waters, or otherwise cause damage to the ecology of those waters; and
 - (b) shall have no other adverse environmental impact.
- 11 A monitoring programme relating to the discharge, monitoring for all of the substances listed in Conditions 6, 7 and 8 shall be submitted to the Agency's Environment Planning Manager (West Area), Thames Region on or before 8th February 1999 and implemented within one month of the agreement in writing of the said Agency's Manager.
- 12 Following the Agency's agreement in writing to the monitoring programme the results of the monitoring programme shall be submitted to the Agency's Environment Planning Manager (West Area), Thames Region, at such intervals as set out in the agreed monitoring programme.



Scale: 1:5000
Drawing No. 10

10000
1000
100
10
1
0.1
0.01
0.001

SCHEMATIC OF AWE(B) SITE DRAINAGE.

