



ASiantaeth YR AMGYLCHEDD
ENVIRONMENT AGENCY

Follow the Oil Care Code



The problem

Oil is a common and highly visible form of pollution. Because of the way it spreads, even a small quantity can cause a lot of harm: five litres of oil is enough to cover a small lake.



Fuel oil pollution.

Oil forms a film on the surface of rivers and lakes which can drastically reduce the level of oxygen in the water, making it difficult for fish to breathe. It can also coat plants and animals that come into contact with it. Large quantities of water are taken from rivers and groundwaters for use as drinking water or for irrigation. Oil contamination can make the water unfit for these purposes.

Oil causes serious problems at sewage works rendering them inoperable.

Burning waste oil can also cause air pollution.

It is an offence to cause pollution, either deliberately or accidentally. Magistrates now impose heavy fines for oil pollution offences, in addition to the cost of cleaning up the pollution and the inevitable bad publicity which follows a case. Oil pollution can be a costly business.

The 'Oil Care' Campaign is aimed at helping you to avoid causing pollution and its expensive consequences.

It is supported by the Environment Agency in England and Wales and the Environment and Heritage Service in Northern Ireland referred to in this leaflet as 'the Agency'.

Oil accounts for more than one quarter of all pollution incidents, with over 5,000 such incidents in the UK each year. The most commonly encountered types of oil are diesel, central heating oil, waste oil and petrol.

How it happens

Even if your premises are not near a river, oil can still reach a local watercourse or sewage works through the drainage system.



Bad storage.

Oil pollution happens in one of the following ways:

- Oil is spilt during delivery or when storage tanks are filled.
- Storage tanks leak because they are not maintained, or because they are not protected from vandalism.
- Storage tanks are poorly designed.
- Oil separators are not used on rain water drains, or they are not maintained.
- Used oil is poured into drains or allowed to soak into the ground.
- Used oil is burned on a bonfire.

Pollution prevention

Oil can pollute water, air and land. Help to look after your environment by storing and disposing of oil properly.



DISPOSAL OF WASTE OIL

Do not tip oil into any drain. Many drains are connected directly to a river or stream and pollution will occur. Do not burn waste oil on a bonfire. Used car engine oil should be taken to an oil bank for recycling. Telephone 0800 66 33 66 free to find the location of your nearest used oil bank.

Large quantities of used oil, generated at sites such as garages, should be collected by a registered contractor who will recycle it and who may buy it from you. Oil is valuable – look after it!

STORAGE

Oil storage installations should be sited on an impervious base and surrounded by an oil-tight bund wall. The bunded area should be large enough to contain at least 110% of the volume of the tank and all the pipes and gauges should be enclosed within it. The vent pipe should be directed downwards into the bund. There should be no drainage outlet in the wall and the installation should be protected from vandalism. Ask your nearest Agency office for a copy of the guidance note PPG2.



PETROL FILLING STATIONS

Rain water from filling stations may discharge to a watercourse via an oil separator. Any contaminated wash water used to clean up oil spillages on the forecourt must be discharged to the foul sewer via an oil separator or collected for disposal off site. For more details ask your local Agency office for a copy of the guidance note PPG7.

DELIVERY

Supervise all deliveries of oil to ensure that storage tanks are not overfilled and that the oil is delivered into the right tank. Stop the delivery if there is any spillage or over-flow. Fuel delivery areas should be surrounded by a raised kerb with the drainage passing through a suitable oil separator. Emergency spillage procedures should be in place.



CAR PARKS

Sustainable Urban Drainage Systems (SUDS) would normally be required for large car parks, as they are often connected to the rain water drainage system which leads to a local watercourse. Contact the Agency for guidance.

PIPELINES

Underground oil pipelines may be subject to corrosion, this poses a risk to underground water supplies. Where possible, above ground pipelines should be used. Where this is not an option, measures to protect against corrosion and physical damage should be taken.

Follow the Oil Care Code

AT HOME

- When you drain your engine oil – don't oil the drain!
- Take used oil to an oil bank, so that it can be recycled.
- Telephone 0800 66 33 66 free of charge to find the location of your nearest oil recycling bank.
- Don't mix used oil with other substances, such as paint or solvents, as this makes recycling very difficult.
- If you have oil fired heating, regularly check your tank and pipes for leaks. If you notice a sharp increase in the amount of oil you are using, you may have a leaking pipe.
- Do not burn waste oil on a bonfire.

AT WORK

- Site your storage tank within an oil tight bund wall on an impervious base. Make sure that valves and pipes are contained within the bund.
- Make sure that the bund has no drain which would allow oil to escape.
- Don't overfill your tank, check the amount of oil already in the tank before receiving a delivery.
- Supervise all deliveries, stop the delivery if there are any leaks or overflows.
- Clearly mark all pipework to show the type of oil and where it leads, and lock all valves and gauges securely after a delivery.

IF AN OIL SPILL OCCURS

- Try to stop the oil from entering any drains or watercourses using earth or sandbags to absorb it. Never hose it down.

CALL THE 24 HOUR EMERGENCY HOTLINE FREE
AT ANY TIME ON 0800 80 70 60.

Oil and water don't mix, please help
us to keep them apart.



ASiantaeth YR AMGYLCHEDD
ENVIRONMENT AGENCY

Cadwch at y Canllawiau Gofal ag Olew



Y broblem

Mae olew'n llygredd cyffredin a gweladwy iawn. Oherwydd y ffordd y mae'n ymledu, gall hyd yn oed ychydig bach wneud llawer o ddirifod: gall pum litr o olew orchuddio llyn bychan.



Olew sydd i gyfrif am chwarter o'r holl achosion o lygredd. Mae mwy na 5,000 o achosion o lygredd olew yn y DG bob blwyddyn. Diesel, olew gwresogi, olew gwastraff a phetrol yw'r mathau o olew sy'n achosi llygredd amlaf.

Llygredd olew tanwydd.

Mae olew'n ffurfio haenen ar wyneb afonydd a llynnoedd gan ostwng lefel yr ocsigen yn y dŵr yn ddirfawr. Mae hyn yn rhwystro pysgod rhag anadlu. Gall llyn wrth y planhigion a'r anifeiliaid sy'n cyffwrdd ag ef. Tynnir llawer iawn o ddŵr o afonydd a dyfroedd daear i'w ddefnyddio fel dŵr yfed ac ar gyfer dyrhau cnydau. Gall llygredd olew wneud y dŵr yn anaddas i'r pwrpas hwnnw.

Mae olew yn achosi problemau dirifol mewn gweithfeydd trin cathion gan eu hatal rhag gweithio.

Mae llosgi olew gwastraff yn gallu llygru'r aer hefyd.

Mae achosi llygredd, boed yn fwriadol neu'n ddamweiniol, yn drosedd. Mae ynadon yn dirwyo llygrwyr yn drwm a disgwylir iddynt hefyd dalu'r gost o lanhau'r llygredd a wynebu'r cyhoeddusrwydd drwg sy'n dod yn sgil achos o'r fath. Mater drud yw llygredd olew.

Amcan yr Ymgyrch 'Gofal ag Olew' yw'ch helpu i osgoi achosi llygredd a'i ganlyniadau costus.

Cefnogir yr ymgyrch gan Asiantaeth yr Amgylchedd yng Nghymru a Lloegr a chan Wasanaeth yr Amgylchedd a Threftadaeth yng Ngogledd Iwerddon y cyfeirir atynt yn y daflen hon fel 'yr Asiantaeth'.

Sut mae'n digwydd

Hyd yn oed os nad yw'ch cartref neu fusnes yn agos i afon, gall olew lifo i gwrs dŵr lleol trwy'r draeniau.

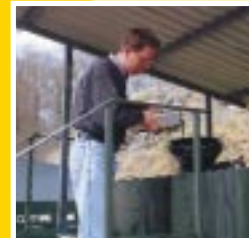
Storfa anaddas.

Achosir llygredd olew drwy'r ffyrdd canlynol:

- Sarnu olew wrth dderbyn cyflenwadau neu lenwi tanciau storio.
- Tanciau storio'n gollwng am nad ydynt wedi'u cadw mewn cyflwr da neu am eu bod wedi'u fandaleiddio.
- Tanciau storio anaddas eu dyluniad.
- Dim gwahanyddion (separators) wedi'u gosod ar draeniau dŵr glaw neu wahanyddion mewn cyflwr drwg.
- Hen olew'n cael ei arllwys i'r draeniau neu ei adael i suddo i mewn i'r ddaear.
- Olew gwastraff yn cael ei losgi ar goelcerth.

Atal llygredd

Mae olew yn gallu llygru dŵr, aer a thir. Helpwch i edrych ar ôl eich amgylchedd trwy storio a chael gwared ag olew yn y ffordd gywir.



CAEL GWARED Â HEN OLEW

Peidiwch ag arllwys olew i lawr draen. Mae llawer o draeniau yn llifo'n syth i afonydd neu nentydd a gallai'r olew eu llygru.

Peidiwch â llosgi hen olew ar goelcerth. Dylech fynd â hen olew o beiriant eich car i fanc olew i'w ailgylchu. Ffoniwch 0800 66 33 66 am ddim i gael gwybod

ble mae'ch banc olew agosaf. Mewn modur dai a safleoedd eraill sydd yn defnyddio llawer iawn o olew, dylai'r hen olew gael ei gasglu gan contractor cofrestredig a fydd yn ei ailgylchu ac efallai'n ei brynu gennych. Mae olew'n werthfawr – gofalwch amdano!

STORIO

Dylech osod eich tanciau storio olew ar wyneb caled a chodi wal ddiddos o'u hamgylch. Dylai'r man caeedig hwn fod yn ddigon mawr i fedru dal 110% o'r olew y gall eich tanc a'r holl bibau a mesuryddion ei ddal. Dylai piben y fent droi am i lawr ac i mewn i'r man caeedig.



Ni ddylai fod yna draen o unrhyw fath yn y wal a dylech wneud yn siwr na all fandaliad fynd at y tanciau storio. Gofynnwch i swyddfa agosaf Asiantaeth yr Amgylchedd am gopi o'r nodyn canllaw PPG2.

GORSAF OEDD PETROL

Mewn gorsaf betrol, gwnewch yn siwr bod y dŵr glaw yn llifo trwy wahanydd olew cyn llifo i gwrs dŵr. Pan fyddwch yn golchi olew sydd wedi sarnu ar lawr yr orsaf, ysgubwch y dŵr lly-gredig i'r garthffos lygredd trwy wahanydd olew neu drefnu bod rhywun yn dod i'w gasglu. Am fwy o fanylion, cysylltwch â swyddfa leol Asiantaeth yr Amgylchedd am gopi o'r nodyn canllaw PPG7.



DERBYN CYFLENWADAU

Pan fyddwch yn derbyn cyflenwad o olew, gwnewch yn siwr nad yw'r tanciau storio'n cael eu gorlenwi a bod yr olew'n cael ei roi yn y tanc cywir. Os yw'n sarnu neu'n gorlenwi, rhowch stop ar bethau. Dylid codi cwrbyn o amgylch y man derbyn cyflenwadau a rhoi gwahanydd olew addas ar y draeniau. Dylech fod yn barod i weithredu os bydd olew yn sarnu.

MEYSYDD PARCIO

Bydd gofyn defnyddio Systemau Draenio Dinesig Cynladwy mewn meysydd parcio mawr gan eu bod fel arfer wedi'u cysylltu â'r system draenio dŵr glaw ac felly'r cwrs dŵr lleol. Cysylltwch ag Asiantaeth yr Amgylchedd am gyngor.

PIBLINAU

Mae piblinâu olew tanddaearol yn gallu rhydu a gallai hynny beryglu cyflenwadau dŵr tanddaearol. Lle bo hynny'n bosibl, defnyddiwch biblinâu uwch-ddaear. Lle nad oes dewis, cymerwch gamau i sicrhau bod y piblinâu'n cael eu diogelu rhag rhwd a difrod corfforol.



Cadwch at y Canllawiau Gofal ag Olew

YN Y CARTREF

- Wrth ddraenio olew peiriant eich car, peidiwch â'i arllwys i lawr y draen.
- Ewch ag olew wedi'i ddefnyddio i'r banc olew i'w ailgylchu.
- Ffoniwch 0800 66 33 66 am ddim i gael gwybod ble mae'ch banc ailgylchu olew agosaf.
- Peidiwch â chymysgu hen olew â sylweddau eraill fel paent a thoddyddion, gan fod hynny'n gwneud ailgylchu'n anodd.
- Os ydych yn llosgi olew i wresogi'ch tŷ, cadwch olwg ar gyflwr eich tanc a'r pibau. Os gwelwch eich bod yn llosgi mwy o olew'n sydyn, fe allai bod gennych dwll mewn piben.

YN Y GWAITH

- Rhowch eich tanc storio ar wyneb caled a chodwch wal ddiddos o'i gwmpas. Gwnewch yn siwr bod yr holl bibau a falgiau wedi'u hamgylchynu gan y wal.
- Gwnewch yn siwr nad oes draen yn y wal lle gall olew ddianc drwyddo.
- Peidiwch â gorlenwi'r tanc – edrychwch faint o olew sydd eisoes yn y tanc cyn derbyn cyflenwad newydd.
- Wrth dderbyn cyflenwadau, cadwch olwg ar bethau a bod yn barod i'w stopio os bydd yr olew'n gollwng neu'n gorlenwi.
- Marciwch y pibau'n glir i ddangos pa fath o olew sydd ynddynt a ble maent yn mynd, a chlowch bob falf a mesurydd yn ddiogel ar ôl derbyn cyflenwad.

OS BYDD OLEW'N SARNU

- Rhwystrwch yr olew rhag llifo i draen neu gwrs dŵr trwy ddefnyddio pridd neu fagliau tywod i'w sugno i fyny. Peidiwch â'i olchi i ffwrdd â dŵr.

FFONIWCHE LLINELL FRYS ASIANTAETH YR AMGYLCHEDD UNRHYW BRYD AR 0800 80 70 60.

Nid yw olew a dŵr yn cymysgu. Helpwch ni i'w cadw ar wahân.



ASIANTAETH YR AMGYLCHEDD
ENVIRONMENT AGENCY

CYSYLLTIADAU:

PRIF SWYDDFA ASIANTAETH YR AMGYLCHEDD

Rio House, Waterside Drive, Aztec West, Almondsbury, Bryste BS32 4UD.
Ffôn: 01454 624 400 Ffacs: 01454 624 409

www.asiantaeth-amgylchedd.cymru.gov.uk
www.environment-agency.gov.uk

SWYDDFEYDD RHANBARTHOL ASIANTAETH YR AMGYLCHEDD

ANGLIA Peterborough Ffôn: 01733 371 811 Ffacs: 01733 231 840	GOGLEDD DDWYRAIN LLOEGR Leeds Ffôn: 0113 244 0191 Ffacs: 0113 246 1889	DE LLOEGR Worthing Ffôn: 01903 832 000 Ffacs: 01903 821 832	TAFWYS Reading Ffôn: 0118 953 5000 Ffacs: 0118 950 0388
CANOLBARTH LLOEGR Solihull Ffôn: 0121 711 2324 Ffacs: 0121 711 5824	GOGLEDD ORLLEWIN LLOEGR Warrington Ffôn: 01925 653 999 Ffacs: 01925 415 961	DE ORLLEWIN LLOEGR Exeter Ffôn: 01392 444 000 Ffacs: 01392 444 238	CYMRU Caerdydd Ffôn: 029 2077 0088 Ffacs: 029 2079 8555

YMHOLIADAU CYFFREDINOL
ASIANTAETH YR AMGYLCHEDD

0845 933 3111

FLOODLINE
ASIANTAETH YR AMGYLCHEDD

0845 988 1188

LLINELL ARGYFWNG
ASIANTAETH YR AMGYLCHEDD

0800 80 70 60

GOFAL AG OLEW 2000

Cefnogwyd gan
Gronfa Amgylchedd Hanson

National Household
Hazardous Waste Forum

British Lubricants Federation

U.K. Petroleum
Industry Association



ASIANTAETH YR AMGYLCHEDD
ENVIRONMENT AGENCY

CONTACTS:

THE ENVIRONMENT AGENCY HEAD OFFICE

Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol BS32 4UD.
Tel: 01454 624 400 Fax: 01454 624 409

www.environment-agency.wales.gov.uk
www.environment-agency.gov.uk

ENVIRONMENT AGENCY REGIONAL OFFICES

ANGLIAN Peterborough Tel: 01733 371 811 Fax: 01733 231 840	NORTH EAST Leeds Tel: 0113 244 0191 Fax: 0113 246 1889	SOUTHERN Worthing Tel: 01903 832 000 Fax: 01903 821 832	THAMES Reading Tel: 0118 953 5000 Fax: 0118 950 0388
MIDLANDS Solihull Tel: 0121 711 2324 Fax: 0121 711 5824	NORTH WEST Warrington Tel: 01925 653 999 Fax: 01925 415 961	SOUTH WEST Exeter Tel: 01392 444 000 Fax: 01392 444 238	WALES Cardiff Tel: 029 2077 0088 Fax: 029 2079 8555

ENVIRONMENT AGENCY
GENERAL ENQUIRY LINE

0845 933 3111

ENVIRONMENT AGENCY
FLOODLINE

0845 988 1188

ENVIRONMENT AGENCY
EMERGENCY HOTLINE

0800 80 70 60

OIL CARE 2000

Supported by
Hanson Environment Fund

National Household
Hazardous Waste Forum

British Lubricants Federation

U.K. Petroleum
Industry Association