

## **REGISTER of QUALITY APPROVED LABORATORIES SUBMITTING DATA to EPA 2014 Data**

This register has been compiled in compliance with Section 66 of the EPA Act 1992.

### Explanatory Note

Section 66 of the Environmental Protection Agency Act 1992 provides for the establishment of an intercalibration programme for the purpose of assessing analytical performance and ensuring the validity and comparability of environmental data for laboratories which submit data to the Agency. It also provides for the establishment of a register of quality approved laboratories which would normally be expected to send data to the Agency. This register lists, on a parameter by parameter basis, the laboratories which performed satisfactorily in the EPA intercalibration programme for the previous year. The register is updated annually. The objective criteria for inclusion in the register are listed below.

### Criteria for compliance

4 satisfactory returns from 5 or 3 satisfactory returns in consecutive rounds or current laboratory accreditation Criteria for pH require 3 returns within 0.20 pH units of reference concentration and 1 return within 0.30 units.

### Note to above

Only laboratories which provide data to the Agency, either directly or indirectly, are eligible to participate in the intercalibration programme. Some laboratories do not routinely carry out all of the tests listed on the register or may not have returned sufficient intercalibration data during 2013 to allow an assessment based on the above criteria for a particular parameter. It should not be inferred therefore, that the absence of a laboratory from the listing under a particular parameter necessarily implies unsatisfactory performance for that parameter. The parameters along with the laboratories which are deemed to have complied according to the above criteria are set out in the attached schedule:

## **REGISTER SCHEDULE**

### **ALKALINITY**

Acorn Water  
Advanced Laboratory Testing,  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Amberley Quality & Environmental  
Services Ltd  
Aqualab  
Aquatic Services Unit, UCC  
Aughinish Alumina Ltd

BHP Laboratories Ltd.  
Bord na Mona Environmental Ltd  
trading as ANUA  
City Analysts  
Clare County Council  
Coillte  
Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Water)  
Donegal County Council

Dublin City Council (Ballymore Eustace)  
 Dublin City Council (Central Laboratory)  
 Dublin City Council (Roundwood)  
 Dublin County Council (Leixlip)  
 Emerald Environmental Services Ensen Ltd  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 EPS Ennis  
 Eurofins (Microchem) Laboratories  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 Galway City Council  
 Galway County Council (Luimnagh)  
 General Analytical  
 Hensey Glan Uisce  
 Independent Analytical Supplies  
 Inland Fisheries Ireland  
 Kerry County Council  
 Limerick County Council  
 Lisheen Mines  
 Lough Derg/Ree Laboratory  
 Meath Proteins  
 Microlabs  
 North Tipperary County Council (Nenagh RWSS)  
 Oldcastle Laboratories  
 Public Analyst Cork  
 Public Analyst Dublin  
 Roscommon County Council  
 RWEnPower  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Tipperary SR County Council  
 TMS Environment  
 Water Technology  
 Waterford County Council  
 Wicklow County Council

#### **ALUMINIUM**

Acorn Water  
 Alcontrol

ALS Environmental  
 Aquatic Services Unit, UCC  
 Bord na Mona Environmental Ltd trading as ANUA  
 Cavan County Council  
 City Analysts  
 Clare County Council (Doolough)  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Water)  
 Donegal County Council  
 Dublin City Council (Ballymore Eustace)  
 Dublin City Council (Central Laboratory)  
 Dublin County Council (Leixlip)  
 Environmental Laboratory Services  
 EPA (Richview)  
 EPA Kilkenny  
 EPS Ennis  
 Fitz Scientific  
 Galway City Council  
 Galway County Council (Luimnagh)  
 Independent Analytical Supplies  
 Kerry County Council  
 Mayo County Council (Ballinrobe)  
 Microlabs  
 North Tipperary County Council (Nenagh RWSS)  
 Public Analyst Cork  
 Public Analyst Dublin  
 Sligo County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Tipperary SR County Council  
 Waterford County Council  
 Wicklow County Council

#### **AMMONIUM**

Abbott Nutritional  
 Acorn Water  
 Advanced Laboratory Testing, Aecom, Citywest  
 Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Amberley Quality & Environmental Services Ltd  
 Aqualab

Aquatic Services Unit, UCC  
 Biolabs  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 Carbery Milk Products  
 Carton Bros Processing Plant,  
 Cavan County Council  
 City Analysts  
 Clare County Council  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Mallow)  
 Cork County Council (Water)  
 Dairygold Mitchelstown  
 Dairygold Mogeely  
 Donegal County Council  
 Dublin City Council (Central  
 Laboratory)  
 Dublin County Council (Leixlip)  
 Emerald Environmental Services  
 Enva Ireland. Kinsale  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 Eurofins (Microchem) Laboratories  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 Glanbia Ingredients Virginia  
 Greystones WWTW  
 Grove Turkeys  
 Hensey Glan Uisce  
 Independent Analytical Supplies  
 Independent Laboratory Ltd  
 Inland Fisheries Ireland  
 Kerry County Council  
 Kerry Ingredients Listowel  
 Kildare County Council Osberstown  
 Kilkenny County Council  
 Lakeland Dairies Bailieborough  
 Laois County Council  
 Limerick County Council  
 Lisheen Mines  
 Longford County Council  
 Lough Derg/Ree Laboratory  
 Mayo County Council (Ballinrobe)

Mayo County Council (Swinford)  
 Mayo County Council Ballyhaunis  
 Meath County Council (Navan)  
 Meath Proteins  
 Microlabs  
 Mutton Island S.T.W  
 North Tipperary County Council  
 (Nenagh RWSS)  
 Offaly County Council  
 Oldcastle Laboratories  
 Public Analyst Cork  
 Public Analyst Dublin  
 Roche Ireland  
 Roscommon County Council  
 Sligo County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Three Rivers Project Boyne  
 Tipperary SR County Council  
 Tipperary Town WWTW  
 Water Technology  
 Waterford County Council  
 Westmeath County Council  
 Wicklow County Council

## **BOD**

Acorn Water  
 Advanced Laboratory Testing,  
 Aecom, Citywest  
 Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Amberley Quality & Environmental  
 Services Ltd  
 Aqualab  
 Aquatic Services Unit, UCC  
 Astellas Ltd.  
 Aughinish Alumina Ltd  
 BHP Laboratories Ltd.  
 Biolabs  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 Cavan County Council  
 City Analysts  
 City Analysts Shannon  
 Clare Co. Council (Ennistymon)  
 Clare County Council  
 Clare County Council (Doolough)

Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Mallow)  
 Cork County Council (Water)  
 Dairygold Mitchelstown  
 Donegal County Council  
 Dublin City Council (Central Laboratory)  
 Emerald Environmental Services  
 Enterprise Environmental  
 Enva Ireland. Kinsale  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 Eurofins (Microchem) Laboratories  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 Glanbia Ingredients Virginia  
 Greystones WWTW  
 Hensey Glan Uisce  
 Independent Analytical Supplies  
 Independent Laboratory Ltd  
 Inland Fisheries Ireland  
 Kerry County Council  
 Kerry Ingredients Charleville  
 Kerry Ingredients Listowel  
 Kildare County Council Osberstown  
 Kilkenny County Council  
 Laois County Council  
 Limerick County Council  
 Lisheen Mines  
 Longford County Council  
 Lough Derg/Ree Laboratory  
 Mayo County Council (Ballinrobe)  
 Mayo County Council Ballyhaunis  
 Meath County Council (Navan)  
 Meath Proteins  
 Microlabs  
 North Tipperary County Council (Nenagh RWSS)  
 Offaly County Council  
 Oldcastle Laboratories  
 Portlaoise WWTP  
 Roche Ireland  
 Roscommon County Council  
 RWEnPower

SDD Water Treatment  
 Sixmilebridge STP  
 Skerries WWTW  
 Sligo County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Tipperary SR County Council  
 Tipperary Town WWTW  
 TMS Environment  
 Water Technology  
 Waterford County Council  
 Westmeath County Council  
 Wicklow County Council  
 Wyeth Nutritionals Askeaton

# **CADMIUM**

Alcontrol  
 ALS Environmental  
 Aquatic Services Unit, UCC  
 BHP Laboratories Ltd.  
 Boliden Tara Mines  
 Bord na Mona Environmental Ltd trading as ANUA  
 City Analysts  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Water)  
 Donegal County Council  
 Dublin City Council (Central Laboratory)  
 Environmental Laboratory Services  
 EPA (Richview)  
 EPA Kilkenny  
 FBA Laboratories  
 Fitz Scientific  
 Independent Analytical Supplies  
 Kerry County Council  
 Lisheen Mines  
 Public Analyst Cork  
 Public Analyst Dublin  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc

**CALCIUM**

Acorn Water  
Alcontrol  
ALS Environmental  
Aqualab  
Aquatic Services Unit, UCC  
BHP Laboratories Ltd.  
Bord na Mona Environmental Ltd  
trading as ANUA  
City Analysts  
Coillte  
Complete Laboratory Solutions  
Cork County Council (Water)  
Dublin City Council (Central  
Laboratory)  
Environmental Laboratory Services  
EPA (Richview)  
EPA Kilkenny  
Exova  
FBA Laboratories  
Fitz Scientific  
Independent Analytical Supplies  
Kerry County Council  
Lisheen Mines  
Microlabs  
Public Analyst Dublin  
Roscommon County Council  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc  
Water Laboratories  
Water Technology

**CHLORIDE**

Advanced Laboratory Testing,  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Aqualab  
Aquatic Services Unit, UCC  
Aughinish Alumina Ltd  
BHP Laboratories Ltd.  
Biolabs  
Bord na Mona Environmental Ltd  
trading as ANUA  
Bristol-Myers Squibb  
City Analysts  
Clare County Council  
Coillte

Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Environment)  
Cork County Council (Water)  
Dairygold Mitchelstown  
Donegal County Council  
Dublin City Council (Central  
Laboratory)  
Enterprise Environmental  
Enva Ireland. Kinsale  
Environmental Laboratory Services  
EPA (Castlebar)  
EPA (Monaghan)  
EPA (Richview)  
EPA Kilkenny  
Eurofins (Microchem) Laboratories  
Exova  
Fitz Scientific  
Galway City Council  
General Analytical  
Hensey Glan Uisce  
Independent Analytical Supplies  
Kerry County Council  
Kerry Ingredients Listowel  
Kilkenny County Council  
Laois County Council  
Limerick County Council  
Lisheen Mines  
Longford County Council  
Lough Derg/Ree Laboratory  
North Tipperary County Council  
(Nenagh RWSS)  
Public Analyst Cork  
Public Analyst Dublin  
Roscommon County Council  
Sligo County Council  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc  
TMS Environment  
Waterford County Council  
Wicklow County Council

**CHROMIUM**

Acorn Water  
Alcontrol  
ALS Environmental  
Aquatic Services Unit, UCC  
BHP Laboratories Ltd.

Boliden Tara Mines  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 City Analysts  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Water)  
 Donegal County Council  
 Dublin City Council (Central  
 Laboratory)  
 Environmental Laboratory Services  
 EPA (Richview)  
 EPA Kilkenny  
 FBA Laboratories  
 Fitz Scientific  
 Independent Analytical Supplies  
 Kerry County Council  
 Lisheen Mines  
 Public Analyst Cork  
 Public Analyst Dublin  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc

# **COD**

Abbott Nutritional  
 Acorn Water  
 Advanced Laboratory Testing,  
 Aecom, Citywest  
 AIBP Cahir  
 Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Aqualab  
 Aquatic Services Unit, UCC  
 Arigna Fuels Ltd.  
 Arran Chemicals  
 Astellas Ltd.  
 Aughinish Alumina Ltd  
 Baxter Healthcare,  
 BHP Laboratories Ltd.  
 Biolabs  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 Bristol-Myers Squibb  
 Bulmers  
 Carbery Milk Products  
 Carton Bros Processing Plant,

Cavan County Council  
 City Analysts  
 City Analysts Shannon  
 Clare Co. Council (Ennistymon)  
 Clare County Council  
 Clare County Council (Doolough)  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Mallow)  
 Dairygold Mitchelstown  
 Dairygold Mogeely  
 Donegal County Council  
 Dublin City Council (Central  
 Laboratory)  
 Element Six  
 Emerald Environmental Services  
 Ensen Ltd  
 Enterprise Environmental  
 Enva Ireland. Kinsale  
 Enva Portlaoise  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 EPS Dundalk  
 EPS Tullamore  
 Eurofins (Microchem) Laboratories  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 Glanbia Ballyraggett  
 Glanbia Drogheda  
 Glanbia Foods, Carrick-on-Suir  
 Glanbia Ingredients Virginia  
 Greystones WWTW  
 Grove Turkeys  
 Hensey Glan Uisce  
 Independent Analytical Supplies  
 Independent Laboratory Ltd  
 Inland Fisheries Ireland  
 Kepak Athleague  
 Kepak Kilbeggan  
 Kepak Watergrasshill  
 Kerry County Council  
 Kerry Ingredients Charleville  
 Kerry Ingredients Listowel  
 Kildare County Council Osberstown  
 Kilkenny County Council

Kilkenny County Council, Sion Rd  
 Lakeland Dairies Bailieborough  
 Laois County Council  
 Leitrim County Council.  
 Limerick Co Co Castletroy  
 Limerick County Council  
 Lisheen Mines  
 Longford County Council  
 Longford Town Council  
 Lough Derg/Ree Laboratory  
 Mayo County Council (Ballinrobe)  
 Mayo County Council (Swinford)  
 Mayo County Council Ballyhaunis  
 Mayo County Council Westport  
 Meath County Council (Navan)  
 Meath Proteins  
 Microlabs  
 Millipore Ireland B.V.  
 Mutton Island S.T.W  
 North Tipperary County Council  
 (Nenagh RWSS)  
 Offaly County Council  
 Oldcastle Laboratories  
 Portlaoise WWTP  
 Public Analyst Dublin  
 Roche Ireland  
 Roscommon County Council  
 RWEnPower  
 SDD Water Treatment  
 Severn Trent Limerick  
 Sixmilebridge STP  
 Skerries WWTW  
 Sligo County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Takeda  
 Tipperary SR County Council  
 Tipperary Town WWTW  
 TMS Environment  
 VWI, Mullingar WWTP  
 Water Technology  
 Waterford County Council  
 Westmeath County Council  
 Wicklow County Council  
 Wyeth Nutritionals Askeaton

## **CONDUCTIVITY**

Abbott Nutritional  
 Advanced Laboratory Testing,  
 AIBP Cahir

Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Andersen Ireland ltd  
 Aqualab  
 Aquatic Services Unit, UCC  
 Arran Chemicals  
 Aughinish Alumina Ltd  
 BHP Laboratories Ltd.  
 Biolabs  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 Bristol-Myers Squibb  
 Cavan County Council  
 City Analysts  
 City Analysts Shannon  
 Clare County Council  
 Clare County Council (Doolough)  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Mallow)  
 Cork County Council (Water)  
 Dairygold Mitchelstown  
 Donegal County Council  
 Dublin City Council (Ballymore  
 Eustace)  
 Dublin City Council (Central  
 Laboratory)  
 Dublin City Council (Roundwood)  
 Dublin County Council (Leixlip)  
 Emerald Environmental Services  
 Enterprise Environmental  
 Enva Ireland. Kinsale  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 Eurofins (Microchem) Laboratories  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 Galway City Council  
 Galway County Council (Luimnagh)  
 General Analytical  
 Hensey Glan Uisce  
 Independent Analytical Supplies  
 Independent Laboratory Ltd

Inland Fisheries Ireland  
 JHG Analytical Services Limited  
 Kerry County Council  
 Kilkenny County Council  
 Lakeland Dairies Bailieborough  
 Laois County Council  
 Leitrim County Council.  
 Limerick County Council  
 Lisheen Mines  
 Lough Derg/Ree Laboratory  
 Meath County Council (Navan)  
 Meath Proteins  
 Microlabs  
 North Tipperary County Council  
 (Nenagh RWSS)  
 Public Analyst Cork  
 Public Analyst Dublin  
 Roche Ireland  
 Roscommon County Council  
 RWEnPower  
 SDD Water Treatment  
 Sligo County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Tipperary SR County Council  
 TMS Environment  
 Water Technology  
 Waterford County Council  
 Wicklow County Council

## **COPPER**

Acorn Water  
 Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Aquatic Services Unit, UCC  
 BHP Laboratories Ltd.  
 Boliden Tara Mines  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 City Analysts  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Water)  
 Donegal County Council  
 Dublin City Council (Central  
 Laboratory)

Element Six  
 Environmental Laboratory Services  
 EPA (Richview)  
 EPA Kilkenny  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 Independent Analytical Supplies  
 Kerry County Council  
 Lisheen Mines  
 Public Analyst Cork  
 Public Analyst Dublin  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Waterford County Council

## **FLUORIDE**

Acorn Water  
 Alcontrol  
 ALS Environmental  
 Aquatic Services Unit, UCC  
 Aughinish Alumina Ltd  
 BHP Laboratories Ltd.  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 Bristol-Myers Squibb  
 Cavan County Council  
 City Analysts  
 Clare County Council (Doolough)  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Water)  
 Donegal County Council  
 Dublin City Council (Ballymore  
 Eustace)  
 Dublin City Council (Central  
 Laboratory)  
 Dublin City Council (Roundwood)  
 Dublin County Council (Leixlip)  
 Emerald Environmental Services  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 EPS Ennis  
 Eurofins (Microchem) Laboratories  
 Exova



FBA Laboratories  
 Fitz Scientific  
 Galway City Council  
 Galway County Council (Luimnagh)  
 Kerry County Council  
 Kilsellagh Water treatment plant  
 Leitrim County Council.  
 Limerick County Council  
 Lisheen Mines  
 Mayo County Council (Ballinrobe)  
 Microlabs  
 North Tipperary County Council  
 (Nenagh RWSS)  
 Public Analyst Cork  
 Public Analyst Dublin  
 Roscommon County Council  
 RWEnPower  
 Sligo County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Tipperary SR County Council  
 TMS Environment  
 Waterford County Council  
 Wicklow County Council

## **IRON**

Acorn Water  
 Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Aqualab  
 Aquatic Services Unit, UCC  
 BHP Laboratories Ltd.  
 Boliden Tara Mines  
 City Analysts  
 Clare County Council  
 Clare County Council (Doolough)  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Water)  
 Donegal County Council  
 Dublin City Council (Central  
 Laboratory)  
 Environmental Laboratory Services  
 EPA (Richview)  
 EPA Kilkenny  
 EPS Ennis

Exova  
 FBA Laboratories  
 Fitz Scientific  
 Independent Analytical Supplies  
 Kerry County Council  
 Kilkenny County Council, Sion Rd  
 Lisheen Mines  
 Mayo County Council (Ballinrobe)  
 Meath County Council (Trim)  
 Microlabs  
 North Tipperary County Council  
 (Nenagh RWSS)  
 Public Analyst Cork  
 Public Analyst Dublin  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Tipperary SR County Council  
 Water Laboratories  
 Waterford County Council  
 Wicklow County Council

## **LEAD**

Acorn Water  
 Alcontrol  
 ALS Environmental  
 Aquatic Services Unit, UCC  
 BHP Laboratories Ltd.  
 Boliden Tara Mines  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 City Analysts  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Water)  
 Donegal County Council  
 Dublin City Council (Central  
 Laboratory)  
 Environmental Laboratory Services  
 EPA (Richview)  
 EPA Kilkenny  
 FBA Laboratories  
 Fitz Scientific  
 Independent Analytical Supplies  
 Kerry County Council  
 Lisheen Mines  
 Public Analyst Cork  
 Public Analyst Dublin

Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc

### **MAGNESIUM**

Acorn Water  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Aquatic Services Unit, UCC  
BHP Laboratories Ltd.  
Bord na Mona Environmental Ltd  
trading as ANUA  
City Analysts  
Coillte  
Complete Laboratory Solutions  
Cork County Council (Water)  
Dublin City Council (Central  
Laboratory)  
Environmental Laboratory Services  
EPA (Richview)  
EPA Kilkenny  
Exova  
FBA Laboratories  
Fitz Scientific  
Independent Analytical Supplies  
Kerry County Council  
Lisheen Mines  
Microlabs  
Public Analyst Dublin  
Roscommon County Council  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc

### **MANGANESE**

Acorn Water  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Aquatic Services Unit, UCC  
Boliden Tara Mines  
Bord na Mona Environmental Ltd  
trading as ANUA  
City Analysts  
Coillte  
Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Environment)  
Cork County Council (Water)

Donegal County Council  
Dublin City Council (Central  
Laboratory)  
Environmental Laboratory Services  
EPA (Richview)  
EPA Kilkenny  
EPS Ennis  
FBA Laboratories  
Fitz Scientific  
Independent Analytical Supplies  
Kerry County Council  
Lisheen Mines  
Microlabs  
Public Analyst Cork  
Public Analyst Dublin  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc  
Tipperary SR County Council  
Waterford County Council

### **NICKEL**

Acorn Water  
Alcontrol  
ALS Environmental  
Aquatic Services Unit, UCC  
BHP Laboratories Ltd.  
Boliden Tara Mines  
Bord na Mona Environmental Ltd  
trading as ANUA  
City Analysts  
Coillte  
Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Environment)  
Cork County Council (Water)  
Donegal County Council  
Dublin City Council (Central  
Laboratory)  
Element Six  
Environmental Laboratory Services  
EPA (Richview)  
EPA Kilkenny  
Exova  
FBA Laboratories  
Fitz Scientific  
Independent Analytical Supplies  
Kerry County Council  
Lisheen Mines  
Public Analyst Dublin

Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc

#### **NITRATE**

Abbott Nutritional  
Acorn Water  
Advanced Laboratory Testing,  
Aecom, Citywest  
AIBP Cahir  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Amberley Quality & Environmental  
Services Ltd  
Aqualab  
Aquatic Services Unit, UCC  
BHP Laboratories Ltd.  
Biolabs  
Bord na Mona Environmental Ltd  
trading as ANUA  
Bristol-Myers Squibb  
City Analysts  
Clare County Council  
Coillte  
Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Environment)  
Cork County Council (Water)  
Donegal County Council  
Dublin City Council (Central  
Laboratory)  
Element Six  
Emerald Environmental Services  
Enva Ireland. Kinsale  
Environmental Laboratory Services  
EPA (Castlebar)  
EPA (Monaghan)  
EPA (Richview)  
EPA Kilkenny  
Eurofins (Microchem) Laboratories  
Exova  
FBA Laboratories  
Fitz Scientific  
Greystones WWTW  
Grove Turkeys  
Hensey Glan Uisce  
Independent Laboratory Ltd  
Inland Fisheries Ireland  
Kerry County Council

Kerry Ingredients Listowel  
Kilkenny County Council  
Kilkenny County Council, Sion Rd  
Laois County Council  
Limerick County Council  
Lisheen Mines  
Longford County Council  
Lough Derg/Ree Laboratory  
Meath County Council (Navan)  
Meath County Council (Trim)  
Microlabs  
Mutton Island S.T.W  
North Tipperary County Council  
(Nenagh RWSS)  
Offaly County Council  
Public Analyst Cork  
Public Analyst Dublin  
Roche Ireland  
Roscommon County Council  
RWEnPower  
Severn Trent Limerick  
Sligo County Council  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc  
Tipperary SR County Council  
Tipperary Town WWTW  
TMS Environment  
Water Laboratories  
Waterford County Council  
Wicklow County Council

#### **pH**

Abbott Nutritional  
Acorn Water  
Advanced Laboratory Testing,  
AIBP Cahir  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Amberley Quality & Environmental  
Services Ltd  
Aqualab  
Aquatic Services Unit, UCC  
Arran Chemicals  
Aughinish Alumina Ltd  
BHP Laboratories Ltd.  
Boliden Tara Mines  
Bord na Mona Environmental Ltd  
trading as ANUA

Bristol-Myers Squibb  
 Bulmers  
 Cavan County Council  
 City Analysts  
 City Analysts Shannon  
 Clare County Council  
 Clare County Council (Doolough)  
 Coillte  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Mallow)  
 Cork County Council (Water)  
 Dairygold Mitchelstown  
 Dairygold Mogeely  
 Donegal County Council  
 Dublin City Council (Ballymore Eustace)  
 Dublin City Council (Central Laboratory)  
 Dublin City Council (Roundwood)  
 Dublin County Council (Leixlip)  
 Element Six  
 Emerald Environmental Services  
 Enterprise Environmental  
 Enva Ireland. Kinsale  
 Enva Portlaoise  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 EPS Ennis  
 Eurofins (Microchem) Laboratories  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 Galway City Council  
 Galway County Council (Luimnagh)  
 Galway County Council (Tuam)  
 Glanbia Ingredients Virginia  
 Hensey Glan Uisce  
 Independent Analytical Supplies  
 Inland Fisheries Ireland  
 Kerry County Council  
 Kerry Ingredients Listowel  
 Kilkenny County Council  
 Laois County Council  
 Leitrim County Council (Moneyduff)  
 Leitrim County Council.  
 Limerick County Council

Lisheen Mines  
 Longford County Council  
 Lough Derg/Ree Laboratory  
 Mayo County Council (Ballinrobe)  
 Mayo County Council Ballyhaunis  
 Meath County Council (Navan)  
 Meath County Council (Trim)  
 Meath Proteins  
 Microlabs  
 Millipore Ireland B.V.  
 North Tipperary County Council (Nenagh RWSS)  
 Offaly County Council  
 Public Analyst Cork  
 Public Analyst Dublin  
 Roche Ireland  
 Roscommon County Council  
 RWEnPower  
 SDD Water Treatment  
 Sligo County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Takeda  
 Teagasc  
 Tipperary SR County Council  
 TMS Environment  
 Water Laboratories  
 Water Technology  
 Waterford County Council

## **PHOSPHATE**

Abbott Nutritional  
 Acorn Water  
 Advanced Laboratory Testing,  
 Aecom, Citywest  
 Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Amberley Quality & Environmental Services Ltd  
 Aqualab  
 Aquatic Services Unit, UCC  
 Bord na Mona Environmental Ltd trading as ANUA  
 Carbery Milk Products  
 Carton Bros Processing Plant,  
 Cavan County Council  
 City Analysts  
 Clare County Council  
 Coillte

Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Mallow)  
 Cork County Council (Water)  
 Dairygold Mitchelstown  
 Dairygold Mogeely  
 Donegal County Council  
 Dublin City Council (Central  
 Laboratory)  
 Emerald Environmental Services  
 Enva Ireland. Kinsale  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 EPS Tullamore  
 Eurofins (Microchem) Laboratories  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 General Analytical  
 Glanbia Ballyraggett  
 Greystones WWTW  
 Grove Turkeys  
 Hensey Glan Uisce  
 Independent Analytical Supplies  
 Inland Fisheries Ireland  
 Kepak Athleague  
 Kepak Watergrasshill  
 Kerry County Council  
 Kerry Ingredients Charleville  
 Kerry Ingredients Listowel  
 Kildare County Council Osberstown  
 Kilkenny County Council  
 Kilkenny County Council, Sion Rd  
 Lakeland Dairies Bailieborough  
 Laois County Council  
 Limerick Co Co Castletroy  
 Limerick County Council  
 Lisheen Mines  
 Longford County Council  
 Longford Town Council  
 Mayo County Council (Ballinrobe)  
 Mayo County Council (Swinford)  
 Mayo County Council Ballyhaunis  
 Meath County Council (Navan)  
 Meath Proteins  
 Microlabs

Mutton Island S.T.W  
 North Tipperary County Council  
 (Nenagh RWSS)  
 Offaly County Council  
 Portlaoise WWTP  
 Public Analyst Dublin  
 Severn Trent Limerick  
 Sligo County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Three Rivers Project Boyne  
 Tipperary SR County Council  
 Tipperary Town WWTW  
 Water Technology  
 Waterford County Council  
 Westmeath County Council  
 Wicklow County Council

#### POTASSIUM

Acorn Water  
 Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Aquatic Services Unit, UCC  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 City Analysts  
 Coillte  
 Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Water)  
 Dublin City Council (Central  
 Laboratory)  
 Environmental Laboratory Services  
 EPA (Richview)  
 EPA Kilkenny  
 Exova  
 FBA Laboratories  
 Fitz Scientific  
 Independent Analytical Supplies  
 Kerry County Council  
 Lisheen Mines  
 Microlabs  
 Public Analyst Dublin  
 Roscommon County Council  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc

**SODIUM**

Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Aquatic Services Unit, UCC  
Aughinish Alumina Ltd  
BHP Laboratories Ltd.  
Bord na Mona Environmental Ltd  
trading as ANUA  
City Analysts  
Coillte  
Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Water)  
Dublin City Council (Central  
Laboratory)  
Environmental Laboratory Services  
EPA (Richview)  
EPA Kilkenny  
Exova  
FBA Laboratories  
Fitz Scientific  
Independent Analytical Supplies  
Kerry County Council  
Lisheen Mines  
Microlabs  
Public Analyst Cork  
Public Analyst Dublin  
Roscommon County Council  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc

**SULPHATES**

Acorn Water  
Advanced Laboratory Testing,  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Amberley Quality & Environmental  
Services Ltd  
Aqualab  
Aquatic Services Unit, UCC  
Astellas Ltd.  
Biolabs  
Boliden Tara Mines  
Bord na Mona Environmental Ltd  
trading as ANUA  
Bristol-Myers Squibb  
City Analysts

Coillte  
Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Environment)  
Cork County Council (Water)  
Donegal County Council  
Dublin City Council (Central  
Laboratory)  
Element Six  
Emerald Environmental Services  
Environmental Laboratory Services  
EPA (Castlebar)  
EPA (Monaghan)  
EPA (Richview)  
EPA Kilkenny  
Eurofins (Microchem) Laboratories  
Exova  
FBA Laboratories  
Fitz Scientific  
Galway City Council  
Glanbia Ballyraggett  
Hensey Glan Uisce  
Independent Analytical Supplies  
Independent Laboratory Ltd  
Kerry County Council  
Kerry Ingredients Listowel  
Kilkenny County Council  
Laois County Council  
Limerick County Council  
Lisheen Mines  
Lough Derg/Ree Laboratory  
North Tipperary County Council  
(Nenagh RWSS)  
Public Analyst Cork  
Public Analyst Dublin  
Roche Ireland  
Roscommon County Council  
Sligo County Council  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc  
TMS Environment  
Water Technology  
Waterford County Council

**SUSPENDED SOLIDS**

Abbott Nutritional  
Acorn Water  
Advanced Laboratory Testing,  
Aecom, Citywest

AIBP Cahir	Exova
Alcontrol	FBA Laboratories
ALS Environmental	Fitz Scientific
ALS Life Sciences Ltd.	Glanbia Ballyraggett
Amberley Quality & Environmental Services Ltd	Glanbia Ingredients Virginia
Aqualab	Greystones WWTW
Aquatic Services Unit, UCC	Grove Turkeys
Arigna Fuels Ltd.	Hensey Glan Uisce
Arran Chemicals	Independent Analytical Supplies
Astellas Ltd.	Independent Laboratory Ltd
Aughinish Alumina Ltd	Inland Fisheries Ireland
BHP Laboratories Ltd.	JHG Analytical Services Limited
Biolabs	Kepak Kilbeggan
Bord na Mona Environmental Ltd trading as ANUA	Kepak Watergrasshill
Bristol-Myers Squibb	Kerry County Council
Carbery Milk Products	Kerry Ingredients Charleville
Carton Bros Processing Plant,	Kerry Ingredients Listowel
Cavan County Council	Kildare County Council Osberstown
City Analysts	Kilkenny County Council
City Analysts Shannon	Kilkenny County Council, Sion Rd
Clare Co. Council (Ennistymon)	Lakeland Dairies Bailieborough
Clare County Council	Laois County Council
Clare County Council (Doolough)	Leitrim County Council.
Coillte	Limerick Co Co Castletroy
Complete Laboratory Solutions	Limerick County Council
Cork City Council	Lisheen Mines
Cork County Council (Environment)	Longford County Council
Cork County Council (Mallow)	Lough Derg/Ree Laboratory
Cork County Council (Water)	Mayo County Council (Ballinrobe)
Dairygold Mitchelstown	Mayo County Council Ballyhaunis
Dairygold Mogeely	Mayo County Council Westport
Donegal County Council	Meath County Council (Navan)
Dublin City Council (Central Laboratory)	Meath Proteins
Element Six	Microlabs
Emerald Environmental Services	Millipore Ireland B.V.
Ensen Ltd	Mutton Island S.T.W
Enterprise Environmental	North Tipperary County Council (Nenagh RWSS)
Enva Ireland. Kinsale	Offaly County Council
Enva Portlaoise	Oldcastle Laboratories
Environmental Laboratory Services	Portlaoise WWTP
EPA (Castlebar)	Public Analyst Dublin
EPA (Monaghan)	Roche Ireland
EPA (Richview)	Roscommon County Council
EPA Kilkenny	RWEnPower
EPS Dundalk	SDD Water Treatment
EPS Tullamore	Severn Trent Limerick
Eurofins (Microchem) Laboratories	Sixmilebridge STP
	Skerries WWTW
	Sligo County Council

Southern Scientific Services  
T.E. Laboratories Ltd.  
Tipperary SR County Council  
Tipperary Town WWTW  
TMS Environment  
VWI, Mullingar WWTP  
Water Technology  
Waterford County Council  
Westmeath County Council  
Wicklow County Council  
Wyeth Nutritionals Askeaton

### **TOT\_HARDNS**

Acorn Water  
Advanced Laboratory Testing,  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Aqualab  
Aquatic Services Unit, UCC  
BHP Laboratories Ltd.  
Biolabs  
Bord na Mona Environmental Ltd  
trading as ANUA  
Cavan County Council  
City Analysts  
Clare County Council  
Coillte  
Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Water)  
Dairygold Mitchelstown  
Donegal County Council  
Dublin City Council (Central  
Laboratory)  
Emerald Environmental Services  
Environmental Laboratory Services  
EPA (Castlebar)  
EPA (Monaghan)  
EPA (Richview)  
EPA Kilkenny  
EPS Ennis  
Eurofins (Microchem) Laboratories  
Exova  
FBA Laboratories  
Fitz Scientific  
Galway City Council  
General Analytical  
Independent Analytical Supplies  
Inland Fisheries Ireland

Kerry County Council  
Laois County Council  
Limerick County Council  
Lough Derg/Ree Laboratory  
Microlabs  
North Tipperary County Council  
(Nenagh RWSS)  
Public Analyst Cork  
Public Analyst Dublin  
Roscommon County Council  
RWEnPower  
Sligo County Council  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Tipperary SR County Council  
Water Laboratories  
Water Technology  
Waterford County Council  
Wicklow County Council

### **TOTAL NITROGEN**

Abbott Nutritional  
Acorn Water  
Advanced Laboratory Testing,  
Aecom, Citywest  
AIBP Cahir  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Aquatic Services Unit, UCC  
Bord na Mona Environmental Ltd  
trading as ANUA  
Carbery Milk Products  
Cavan County Council  
City Analysts  
City Analysts Shannon  
Coillte  
Complete Laboratory Solutions  
Dairygold Mitchelstown  
Dairygold Mogeely  
Dublin City Council (Central  
Laboratory)  
Emerald Environmental Services  
Environmental Laboratory Services  
EPA (Castlebar)  
EPA (Richview)  
EPA Kilkenny  
Eurofins (Microchem) Laboratories  
Exova  
Fitz Scientific



Glanbia Ballyraggett  
 Hensey Glan Uisce  
 Independent Analytical Supplies  
 Kepak Athleague  
 Kepak Kilbeggan  
 Kepak Watergrasshill  
 Kerry County Council  
 Kildare County Council Osberstown  
 Kilkenny County Council, Sion Rd  
 Laois County Council  
 Limerick Co Co Castletroy  
 Limerick County Council  
 Lough Derg/Ree Laboratory  
 Meath County Council (Navan)  
 Microlabs  
 North Tipperary County Council  
 (Nenagh RWSS)  
 Offaly County Council  
 Oldcastle Laboratories  
 Portlaoise WWTP  
 Roscommon County Council  
 Severn Trent Limerick  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Tipperary SR County Council  
 Tipperary Town WWTW  
 TMS Environment  
 Waterford County Council  
 Westmeath County Council

#### **TOTAL PHOSPHOROUS**

Abbott Nutritional  
 Acorn Water  
 Advanced Laboratory Testing,  
 Aecom, Citywest  
 AIBP Cahir  
 Alcontrol  
 ALS Environmental  
 ALS Life Sciences Ltd.  
 Aqualab  
 Aquatic Services Unit, UCC  
 BHP Laboratories Ltd.  
 Bord na Mona Environmental Ltd  
 trading as ANUA  
 Carbery Milk Products  
 Carton Bros Processing Plant,  
 Cavan County Council  
 City Analysts  
 Coillte

Complete Laboratory Solutions  
 Cork City Council  
 Cork County Council (Environment)  
 Cork County Council (Mallow)  
 Dairygold Mitchelstown  
 Dairygold Mogeely  
 Dublin City Council (Central  
 Laboratory)  
 Emerald Environmental Services  
 Enva Ireland. Kinsale  
 Environmental Laboratory Services  
 EPA (Castlebar)  
 EPA (Monaghan)  
 EPA (Richview)  
 EPA Kilkenny  
 EPS Tullamore  
 Eurofins (Microchem) Laboratories  
 Exova  
 Fitz Scientific  
 Inland Fisheries Ireland  
 Kepak Kilbeggan  
 Kepak Watergrasshill  
 Kerry County Council  
 Kerry Ingredients Listowel  
 Kildare County Council Osberstown  
 Kilkenny County Council, Sion Rd  
 Lakeland Dairies Bailieborough  
 Laois County Council  
 Limerick Co Co Castletroy  
 Limerick County Council  
 Lough Derg/Ree Laboratory  
 Mayo County Council (Ballinrobe)  
 Meath County Council (Navan)  
 Meath Proteins  
 Microlabs  
 North Tipperary County Council  
 (Nenagh RWSS)  
 Offaly County Council  
 Oldcastle Laboratories  
 Portlaoise WWTP  
 Severn Trent Limerick  
 Southern Scientific Services  
 T.E. Laboratories Ltd.  
 Teagasc  
 Tipperary SR County Council  
 Tipperary Town WWTW  
 VWI, Mullingar WWTP  
 Waterford County Council  
 Westmeath County Council

## **ZINC**

Acorn Water  
Alcontrol  
ALS Environmental  
ALS Life Sciences Ltd.  
Aquatic Services Unit, UCC  
Boliden Tara Mines  
Bord na Mona Environmental Ltd  
trading as ANUA  
City Analysts  
Coillte  
Complete Laboratory Solutions  
Cork City Council  
Cork County Council (Environment)  
Cork County Council (Water)  
Donegal County Council  
Dublin City Council (Central  
Laboratory)  
Environmental Laboratory Services  
EPA (Richview)  
EPA Kilkenny  
Exova  
FBA Laboratories  
Fitz Scientific  
Independent Analytical Supplies  
Kerry County Council  
Lisheen Mines  
Public Analyst Cork  
Public Analyst Dublin  
Southern Scientific Services  
T.E. Laboratories Ltd.  
Teagasc