

Annex 1: PWS 5/2006
Specification for DWQR Private Water Supply Data Return

1) Supply Detail Table

FIELD NAME	FIELD DESCRIPTION	FIELD TYPE	FIELD SIZE	FIELD EXAMPLE (for illustration only)
StartDate	Reporting period start date in the format DD/MM/YY.	Date	8/10	01/01/06
EndDate	Reporting period end date in the format DD/MM/YY	Date	8/10	31/12/06
SiteRef	Supply Site Reference number which consists of i) Local Authority prefix – Three letter code described in table 1 ii) Unique identifier for each private supply Note : For identifier above you do not need to create a new numbering system - use the numbers or letters in any existing system, even the supply name as long as it is unique to that supply.	Text	50	BDR013
SourceName	Name of source or location name - the source is the point of abstraction from a watercourse or loch or the site name where the spring, well or borehole is located.	Text	80	Manderston Estate
GridReference -Eastings	Location of source of private supply. Note: Format should be six or eight figure Eastings. 100 km letter code not to be used	Number	6 or 8	1234
GridReference -Northings	Location of source of private supply. Note: Format should be six or eight figure Northings. 100 km letter code not to be used	Number	6 or 8	5678
Classification	Classification of private supply (A or B) and if Type A, its level (1,2 or 3)	Text	2	A2
Regulation 3(1) status	Flag to denote sole use of supply for crop washing or during distillation of spirits under regulation 3(1). If not applicable leave blank. - Use letters WD	Text	2	WD
TypeAReason	Text identifying why supply has been classified as Type A (eg population, supplies restaurant ect). If not Type A supply leave blank.	Text	80	Supply serves restaurant and guest house
TouristAccommodation	Number of properties served by the supply which provide tourist accommodation on a commercial basis (eg. Guest Houses, B&Bs, Self Catering cottages)?	Number - integer	3	5
PurposeDomestic	Number of domestic premises served by supply. If not applicable leave blank.	Number - integer	3	46
PurposeIndustrialFood	Number of properties served by the supply which serve or prepare food on a commercial basis (eg. inns, cafes, food manufacturers)?	Number - integer	3	2
OtherCommercial	Number of commercial premises served by supply not included above	Number - integer	3	6
ReleaseToPublicRecord	Flag to indicate sites of a sensitive nature (eg MOD) , the details of which should not be released onto the public record	Yes / No	3	Yes
Population	Estimate of maximum number of persons who may be supplied on any one day.	Number - integer	6 or 8	23

FIELD NAME	FIELD DESCRIPTION	FIELD TYPE	FIELD SIZE	FIELD EXAMPLE (for illustration only)
Volume Out	Estimated maximum daily average volume of water supplied by private supply in cubic metres per day.	Number	8	0.003
Source type	Type of raw water source chosen from the codes supplied in table 2	Text	2	SB
SWFlag	For sites where water originates from or is influenced by surface water - Use letters SI	Text	2	SI
TreatmentPhysicalFilter	Treatment by physical filter is present, eg. sand filter, membrane - Use letters PF	Text	2	PF
TreatmentDisinfection	Any form of disinfection, eg. Chlorine, UV -Use letters DF	Text	2	DF
TreatmentChemicalFilter	Treatment by chemical filter or equivalent is present, eg. Activated Carbon, Ion Exchange Resin -Use letters CF	Text	2	CF
ChloraminationFlag	For sites where Chloramination is practised (at any time in the reporting year) - Use letters CA	Text	2	CA
FlocTypeFlag	For sites where a flocculant is used (at any time during the reporting year) indicate type (if data available) IF = Iron Floc AF = Aluminium Floc	Text	2	IF
SilverTreatment	Flag to indicate if Silver is used in treatment process (higher PCV applies) - use letters AG	Text	2	AG
TemporaryDeparture	Field to indicate if a site is currently under a temporary departure, and if so whether this is a first, second or third Departure Use letters GD If Temporary Departure exists and a number to indicate whether first, second or third. Note : Leave blank if not applicable.	Text	3	GD2
TemporaryDepartureApplication	Field to indicate if an application is outstanding for a temporary departure at a site, and if so whether this is a first, second or third Departure Use letters AD If Temporary Departure application exists and a number to indicate whether first, second or third. Note : Leave blank if not applicable.	Text	3	AD2
NumberInvestigations	Total number of investigations carried out in relation to the supply under parts V or VI of the Regulations	Number	3	1
NumberEnforcementNotices	Total number of enforcement notices served in relation to the supply under section 76G of the 1980 Act	Number	3	1
RiskAssessmentComplete	Has a risk assessment under regulation 16 been carried out on the supply by the local authority? - Use letters RA if one has been done; leave blank if not	Text	2	RA

FIELD NAME	FIELD DESCRIPTION	FIELD TYPE	FIELD SIZE	FIELD EXAMPLE (for illustration only)
Reg26Exemption-TotalIndicativeDose	Flag to indicate whether an exemption has been granted for total indicative dose under Regulation 26 of the Regulations for the supply. Use letters TIDX	Text	4	TIDX
Reg26Exemption-Tritium	Flag to indicate whether an exemption has been granted for tritium under Regulation 26 of the Regulations for the supply. Use letters TRIX	Text	4	TRIX
GrantAppliedDate	Provide date any improvement grant application in respect of the supply was received by the council (dd/mm/yy or dd/mm/yyyy)	Date	8/10	15/10/2006
GrantAmount	What is the amount of the grant awarded in whole pounds	integer	5	800
GrantAwardDate	When was the grant awarded?	Date	8/10	15/10/2006
GrantNumberProperties	How many properties have been awarded the grant in respect of the supply?	integer	3	13
GrantRefused	Has the grant been refused ? - Use letters GR if applicable	Text	2	GR
GrantBreakdown	What was the grant awarded to provide? Include flag for all the categories below that apply to this supply. Point of Entry Treatments - use flag PE Point if Use Treatments - use flag PU Other Treatment Systems - use flag OT Source Protection Systems - use flag SP New Private Supplies - use flag NS	Text Text Text Text Text Text	2 2 2 2 2 2	PE PU OT SP NS

Look Up Table 1 – LA Codes

Local Authority	Prefix Codes
Aberdeen City	ABC
Aberdeenshire	ABS
Angus	ANG
Argyll and Bute	AAB
Clackmannanshire	CLK
Dumfries and Galloway	DAG
Dundee City	DUN
East Ayrshire	EAY
East Dunbartonshire	EDB
East Lothian	ELO
East Renfrewshire	ERW
City of Edinburgh	EDH
Comhairle nan Eilan Siar	EIS
Falkirk	EKK
Fife	FFE
Glasgow City	GGW
Highland	HLD
Inverclyde	IVC
Midlothian	MLO
Moray	MRY
North Ayrshire	NAY
North Lanarkshire	NLK
Orkney	ORK
Perth and Kinross	PAK
Renfrewshire	RNW
Scottish Borders	BRD
Shetland	SHT
South Ayrshire	SAY
South Lanarkshire	SLK
Stirling	STG
West Dunbartonshire	WDB
West Lothian	WLO

Look Up Table 2 – Source Codes

Source Type	Codes
Surface - Watercourse	SB
Surface - Loch	SL
Surface - Rainwater	SR
Groundwater - Borehole	GB
Groundwater - Well	GW
Groundwater - Spring	GS

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2) Sample Data Table

FIELD NAME	FIELD DESCRIPTION	FIELD TYPE	FIELD SIZE	FIELD EXAMPLE (for illustration only)
SiteRef	Supply Site Reference (As Details table)	Text	50	BDR13
ParameterCode	Parameter code as listed in "Parameter Codes" worksheet	Text	5	A012
SampleResult	The actual result for individual sample.	Number - Floating point	8	54.3
> or < qualifier	Sample greater than or less than limit of detection	Text (> or <)	1	>
SampleDate	Date sample taken in the format DD/MM/YY or DD/MM/YYYY	Date	10	04/01/2004
SampleTime	Time sample taken in the format HH:MM (24 hour clock)	Text	5	09:45
ScheduledRegulatorySampleFlag	Field to indicate whether sample was taken to fulfil the sample frequency requirements of the 2006 Regulations (as opposed to resamples, investigation samples etc.)	Text	2	SR
PCVFailFlag	Field to indicate if PCV standard or specification exceeded - Use letter F	Text	1	F
CustFitFlag	Field to Indicate failure caused by customer fittings (domestic distribution system) - add - Use letters CT Note : Leave blank if not applicable	Text	2	CT
Comments	General comments field i.e for PCV failure. This should include the reason attributed to the failure If commentary is submitted in comma separated variable (.csv) format Insert in double quotation	Text	4000	Sample taken for nitrite exceeds the maximum value of 0.1 mg/l due to [reason]. A resample was successful.

3) Parameter Code List

Note: The codes do not necessarily follow in sequence as some letter / number combinations are not used.

Parameter Code	Parameter Name
A001	Colour
A002	Turbidity
A003	Odour
A004	Taste
A006	Hydrogen ion (pH)
A007	Sulphate
A009	Sodium
A012	Nitrate
A013A	Nitrite
A013C	Nitrite/Nitrate formula
A014	Ammonium(ammonia and ammonium ions)
A017	Total organic carbon
A021	Aluminium
A022	Iron
A023	Manganese
A024	Copper
A025	Zinc
A027	Fluoride
A028	Silver
B001	Arsenic
B002	Cadmium
B003	Cyanide
B004	Chromium
B005	Mercury
B006	Nickel
B007	Lead (25)
B008	Antimony
B009	Selenium
B010	Pesticides - Total Substances
B011	PAH - Sum Of 4 Substances
C001	Coliform Bacteria (Total coliforms)
C002	E. coli (Faecal coliforms)
C003	Enterococci (Faecal streptococci)
C004	Clostridium perfringens (Sulphite Reducing Clostridia)

C05A	Colony Counts After 3 Days At 22øc
C05B	Colony Counts After 48 Hours At 37øc
C06A	Residual Disinfectant - Free
C06B	Residual Disinfectant - Total
C111	Cryptosporidium
D001	Conductivity
D002	Chloride
D005	Boron
D007	Benzo 3,4 Pyrene
D008	Tetrachloromethane
D009B	Tetrachloroethene/Trichloroethene - Sum Of 2 Substances
D011	Total Trihalomethanes
F001	1,2 Dichloroethane
F002	Benzene
F003	Bromate
F004	Gross Alpha Activity
F005	Gross Beta Activity
F006	Tritium
F007	Total Indicative Dose (Gross Alpha and Beta)
F008	Acrylamide
F009	Vinyl Chloride
F010	Epichlorohydrin
P000	Other Pesticides
P001	Aldicarb
P002	Aldrin
P003	Alpha-HCH
P004	Atrazine
P005	Azinphos methyl
P006	Bentazone
P007	Beta-HCH
P008	Bromoxynil
P009	Carbaryl
P010	Carbetamide
P011	Carbophenothion
P012	Chlordane
P013	Chlorfenvinphos
P014	Chlortoluron
P015	Chlorothalonil
P016	Chlorpropham

P017	Chlorpyrifos
P018	Clopyralid
P019	(not Used)
P020	2,4-D
P021	Dalapon
P022	Delta-HCH
P023	Demeton-S-Methyl
P024	Diazinon
P025	Dicamba
P026	Dichlorprop
P027	Dichlorvos
P028	Dieldrin
P029	Dimethoate
P030	Diquat
P031	Disulfoton
P032	Diuron
P033	Endosulfan Total
P034	Endrin
P035	EPTC
P036	Fenitrothion
P037	Fenpropimorph
P038	Fluazifop-butyl
P039	Flutriafol
P040	Fluroxypyr
P041	Gamma-HCH (Lindane)
P042	Glyphosate
P043	Heptachlor
P044	Heptachlor epoxide
P045	Hexachlorobenzene
P046	Iprodione
P047	Isodrin
P048	Isoproturon
P049	Ioxynil
P050	(not Used)
P051	Linuron

P052	Malathion
P053	MCPP(Mecoprop)
P054	MCPA
P055	MCPB
P056	Methiocarb
P057	Methoxychlor
P058	Paraquat
P059	Parathion (Parathion ethyl)
P060	Pentachlorophenol
P061	Phorate
P062	Phosalone
P063	Prochloraz
P064	Pirimicarb
P065	Pirimiphos Ethyl
P066	Propazine
P067	Propham
P068	Propiconazole
P069	Propetamphos
P070	Prometryn
P071	Propyzamide
P072	Pirimiphos Methyl
P073	Simazine
P074	2,3,6-Tba
P075	TCA
P076	2,4,5-T
P077	Terbutryn
P078	Triadimefon
P079	Tri-allate
P080	Triazophos
P081	Trifluralin
P082	2,4,-Db
P083	Aminotriazole (amitrole)
P084	Benomyl
P085	Bifenox
P086	Bromacil
P087	Carbofuran
P088	Chlorbufam
P089	Chlordane-Alpha
P090	Chlordane-Gamma
P091	Crufomate
P092	Cyanazine

P093	Cyfluthrin
P094	Cypermethrin
P095	Deltamethrin
P096	Demeton
P097	Desmetryn
P098	Dichlobenil
P099	Difenzoquat
P100	Dinocap
P101	Endosulfan A (alpha-Endosulfan)
P102	Endosulfan B (beta-Endosulfan)
P103	Epsilon-HCH
P104	Eulan
P105	Fenoprop
P106	Fenthion
P107	Fluazifop
P108	Hexachlorobutadiene
P109	Lenacil
P110	Mecarbam
P111	Metoxuron
P112	Mevinphos
P113	Monuron
P114	op'-DDD (TDE)
P115	op'-DDE
P116	op'-DDT
P117	Pebulate
P118	Pendimethalin
P119	Permethrin
P120	Permethrin-cis
P121	Permethrin-trans
P122	Picloram
P123	pp'-DDD (TDE)
P124	pp'-DDE
P125	pp'-DDT
P126	Propachlor
P127	Propoxur
P128	Pyrethrins
P129	Sodium Chlorate
P130	Tecnazene
P131	Trichlopyr
P132	Trietazine
P133	Asulam

P134	PCB - Arochlor 1254
P135	PCB - Arochlor 5442
P136	Flumethrin
P137	PCB - Total
P138	Benazolin
P139	Vinclozolin
P140	Dichlofluanid
P141	Methidathion
P142	Chlormephos
P143	Fenchlorphos
P144	Trichloronat
P145	Bromophos-ethyl
P146	Dicloran (Dichlorane)
P147	Parathion-methyl
P148	Ethion (Diethion)
P149	PCB - Arochlor 1260
P150	Carbendazim
P151	PCB - Arochlor 1250
P152	Metribuzin
P153	PCT - Arochlor 4465
P154	Oxadixyl
P155	Maneb (a Dithiocarbamate Fungicide)
P156	Alpha-cypermethrin
P157	Diiflufenican
P158	Fenvalerate
P159	Flusilazole
P160	Imazapyr
P161	Tridemorph
P162	Chloridazon
P163	Chlormequat
P164	Flamprop-M-Isopropyl
P165	Mepiquat
P166	Isoxaben
P167	Methabenzthiazuron
P168	Fenpropidin
P169	Triphenyltin (fentin)
P170	Flucofuron
P171	Sulcofuron
P172	Trichlorobenzene
P173	Terbuthylazine
P174	Bendiocarb

P175	Chlorthal
P176	Heptenophos
P177	Tebuconazole
P178	Diffubenzuron
P179	Quintozene
P180	Aziprotryne
P181	Chloroxuron
P182	Desethylatrazine
P183	Fenoxaprop
P184	Fenoxaprop-P (Fenoxaprop-P-Ethyl)
P185	Fenuron
P186	Flamprop-M
P187	Mancozeb (a Dithiocarbamate Fungicide)
P188	Monolinuron
P189	Tebuthiuron
P190	Thiabendazole
P191	PCT - Total
P192	Captan
P193	(Not Used)
P194	Metamitron
P195	PCB Congener 101
P196	PCB Congener 118
P197	PCB Congener 138
P198	PCB Congener 153
P199	PCB Congener 180
P200	(not Used)
P201	PCB Congener 28
P202	PCB Congener 52
P203	Metazachlor
P204	Fonofos
P205	Diclofop
P206	Erimfos
P207	Cyproconazole
P208	Imazaquin
P209	Metalaxyl
P210	Metsulfuron

Note P211 – P215 are not used in this list

P216	Lambda-Cyhalothrin
P217	Epoxyconazole
P218	Kresoxym-Methyl
P219	Napropamide
P220	Fentin Hydroxides as TPTin
P221	Ethofumersate
P222	Ametryn
P223	Cyromazine
P224	Phenmedipham
P225	Triforine
P226	Metaldehyde

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