

### Matt Bower DWQR Risk Assessment Training 2018



Drinking Water Quality Regulator for Scotland

### **Overview of RA Tool**



Private Water Supply Risk Assessment

•20 ntuitive No RA

• Flexible

riskassessor@stormid.com 🗸

# Designed to be:

Overdue RA

RA due soon

1	Pending requests
2	Risk Assessors
2	Interrogators

Max. people 🚖

#### 🏝 Manage users

Active users

4

### • Comprehensive (Where it needs to be)

196

7

3

21

### Compliant with Regulations

	AFR46253	Residential	100	27/08/2023
Graham's Dairy Farm 2	AFR46253	Residential	100	21/08/2023
Graham's Dairy Farm 3	AFR46253	Residential	100	27/08/2023
Graham's Dairy Farm 4	AFR46253	Residential	100	27/08/2023
Graham's Dairy Farm 5	AFR46253	Residential	100	27/08/2023



Review due 🚖

### LA Dashboard

dwqr	Private Water Supply Risk Assessment r						≡
Test Lo	cal Authority						
Total sites		No RA	202	Active users		Pending requests	1
203		Incomplete RA	1	4		Risk Assessors	2
		Overdue RA	1			Interrogators	2
+ Create site		RA due soon	19	🛔 Manage users	5		
All Sites	Sites with no RA	Sites with incomplete RA	Sites with	overdue RA	Sites with RA due soc	'n	
Search		Q		Supply number 🌲	Туре 🌲	Max. people 🌲	Review due 🜲
Graham's Da	airy Farm 1			AFR46253	Residential	100	15/08/2023
Graham's Da	airy Farm 2			AFR46253	Residential	100	15/05/2021
Graham's Da	airy Farm 3			AFR46253	Residential	100	15/11/2021
Graham's Da	airy Farm 4			AFR46253	Residential	100	15/02/2020



V

### LA Dashboard

dwqr	Private Water Supply Risk Assessment r						≡
Test Lo	cal Authority						
Total sites		No RA	202	Active users		Pending requests	1
203		Incomplete RA	1	4		Risk Assessors	2
		Overdue RA	1			Interrogators	2
+ Create site		RA due soon	19	🛔 Manage users	5		
All Sites	Sites with no RA	Sites with incomplete RA	Sites with	overdue RA	Sites with RA due soc	'n	
Search		Q		Supply number 🌲	Туре 🌲	Max. people 🌲	Review due 🜲
Graham's Da	airy Farm 1			AFR46253	Residential	100	15/08/2023
Graham's Da	airy Farm 2			AFR46253	Residential	100	15/05/2021
Graham's Da	airy Farm 3			AFR46253	Residential	100	15/11/2021
Graham's Da	airy Farm 4			AFR46253	Residential	100	15/02/2020



V

### DWQR Dashboard

dwqr	Private Water Supply Risk Assessment		admin@stormid.com	≡
DWQR				
Total sites 203		Total users 18	DWQR Admins DWQR Super Admins Pending user requests	1 3
≣ See all sites		🛔 Manage users		_

Search by local authority	Q	Total sites 🌲	Sites renewing soon 🜲	Sites due renewal 🌲	Total RAs 🌲	Users 🌲
Aberdeen City Council		0	0	0	0	1
Aberdeenshire Council		0	0	0	0	0
Angus Council		0	0	0	0	1
Argyll and Bute Council		0	0	0	0	0
City of Edinburgh Council		0	0	0	0	4
Clackmannanshire Council		0	0	0	0	0





### **Registering Sites**

### Matt Bower DWQR Risk Assessment Training 2018



Drinking Water Quality Regulator for Scotland

The Water Intended for Human Consumption (Private Supplies) (Scotland) Regulations 2017

#### Register of supply systems, etc.

- 5. An enforcing authority must prepare and maintain a register of information in relation to-
  - (a) each private water supply system (including any modifications of, or extensions to, the supply system) used, or intended to be used, to supply water to premises in its area; and
  - (b) the quality of water introduced into, and supplied through and from, the supply system.

#### Contents of the register

6.—(1) The enforcing authority must ensure that the register includes a record of the information specified in schedule 1, by the corresponding dates specified in that schedule.

- (2) Information relating to the same supply system, including information about-
  - (a) the relevant supply zone;
  - (b) the quality of water introduced into, and supplied through and from, the system; and
  - (c) premises served by the system,

must be kept together in the same part of the register.

### Link to Schedule 1





- Need to register sites in order to risk assess
- Risk assessment pulls through register info



- Registration ensures compliance with Reg.5
  - Except Ownership (GDPR issues), Monitoring & sample results
- May be an iterative process e.g. properties
- System saves as you go
- Scope to ease burden of DWQR return



Edit PWS	s Dairy							
Overview	Sources	Centralised treatment	Distribution tanks	Properties	Мар	Images		
Sources Source refers to the point at which water for the supply originates. There may be multiple sources serving the same PWS.								
				Easting	(X)	Northing (Y)	Source type	
		Hill Top Spring		400455		100456	Cariag	
		Hill top spring		123456		123450	spring	View 🗸

- Add as many sources, tanks, properties as you need this will structure RA
- Select relevant treatment processes



Graham Edit PWS	's Dairy	Farm 1						
Overview	Sources	Centralised treatment	Distribution tanks	Properties	Мар	Images		
Sources		Source refers to the point at which w the same PWS.	rater for the supply originates.	There may be multiple	sources servir	ng		
				Eastin	g (X)	Northing (Y)	Source type	
		Hill Top Spring		123456	6	123456	Spring	View
		Country Well		123456	6	123456	Well	View

- Add as many sources, tanks, properties as you need this will structure RA
- Select relevant treatment processes

Don't worry – you can make changes at any stage





### Mapping Tool

- Plots Sources, Tanks, Props automatically based on info provided
- Facility to draw pipes

#### Ability to attach documents

- Photos
- Letters
- Spreadsheets



### UPRN facility

- Properties
- Sources
- Tanks
- Treatment





Training Edit PWS	Site						
Overview	Sources	Centralised treatment Distrib	oution tanks	Properties Map	Images		
Overview		Supply name Training Site Due date for risk assessment		Supply number T1 Type	_	Number is <i>your</i> reference need to create anything special (System creates its own (hidden) ID)	– no
		29 August V					
		2018 Supply zone	(i) ~	Estimated volume supplied (m3 pe	er day)	Free text to describe the supply (should explain its classification)	
		Regulatory Classification	(ii) ~				
		Monitoring programme (Optional) Add attachment					
		Notices served on supply (Optional) Add attachment					
		Grant awarded (Optional)	(i)				
		General comments (Optional)					or



### **Registration - Sources**

Training Site Edit PWS			
Overview Sources Centralised treatment Distribution tanks	Properties Map Images		Click add source
Sources Source refers to the point at which water for the supply originates the same PWS	There may be multiple sources serving		
Add source	Easting (X) Northing (Y) Source type		
No sources for this site yet			
			UPRN not compulsory
Training Site			Standard drop down list of source
Ad	dd source ×		types (editable by DwQR)
Overview Sources Centralised treatment Sou	purce name ip Ima	es	
	Noodhall Burn		
Source refers to the point at which the same PWS. UP	PRN es serving		
Add source	Northin	; (Y) Source type	
No sources for this site yet	(Easting) Y (Northing)		
3	674715		
Тур	pe (i)		
L V	Natercourse V		
Co	imments		
	Poorer quality than spring		
Sur	irface water influence?		
	Yes No		
dwqr	About us	Accessibility	
~	Add source	Disclaimer	
	Save	S as you	
	ao, b	ut iust	dwar
	in ca		Drinking Water Quality Regulator for Scotland
	in cu.		

### **Registration - Sources**

Test Local Autho	ority > Training	3 Site					
Training	Site						
Edit PWS 					Sour	ces appear l ou need	nere. As many
Overview	Sources	Centralised treatment	Distribution tanks	Properties Map	Images		
Sources		Source refers to the point at which v the same PWS.	vater for the supply originates <b>A</b>	here may be multiple sources s	erving		
Add source				Easting (X)	Northing (Y)	Source type	
		Woodhall Burn		370212	674715	Watercourse	View ~
		Brunt Spring		369852	674250	Spring	View 🗸
						/	
					Ontion to	view or edit	
						Herr of edit	

Drinking Water Quality Regulator for Scotland

### Registration – Centralised Treatment

Test Local Authorit	ty > Training	3 Site				_	Select relevant treatment processes. This will determine Risk Assessment structure.
Overview	Sources	Centralised treatment	Distribution tanks	Properties	Мар	Images	
Centralised treatment		Treatment processes present Treatment processes that wholly or partial box    Point of use treatment    Other processes    UPRN	ly treat water before it is distributed	to more than one property Option	. If Other is select	ted, please	provide a brief description in the comments
							Drinking Water Quality Regul for Scotland

### **Registration - Tanks**

Test Local Authority > Training Site		
Training Site		
	Add tank *	
Overview Sources Centralised treat	nent Tank name ap Images	
Distribution	Thurston Raw Tank	
DISTRIBUTION Structures where water is tanks	stored, + UPRN	
Add tank	Northing (Y) Untreated or treated water	
No tanks for this site ye	X (Easting) Y (Northing)	
	369952 674225	
	Untreated or treated water	
	Untreated water   Choose treated or un	ntreated
	Comments	
	spring and burn blend in here. Renovated 2015	
dwar	Add tank About us Accessibility	
	Contact us Copyright	
	RA guidance Privacy	



## **Registration - Tanks**

Owor Private Water Su	upply Risk Assessment					superadmin@stormid.con	n 🗸	
Test Local Authority > Training S Training Site Edit PWS								
Overview Sources	Centralised treatment	Distribution tanks	Properties	Мар	Images			
Distribution stanks	Structures where water is stored, eith	er untreated water or post-trea	atment.					
Add tank			Easting	(X)	Northing (Y)	Untreated or treated water		
	Thurston Raw Tank		369952		674225	Untreated water	View 🗸	
	Thurston Treated Tank		371587		673807	Treated water	View 🗸	
dwqr					About us Contact us	Accessibilit Copyright	у	
$\sim$					RA guidance	Disclaimer Privacy		
						d	war	

Address	Post code (g) Please enter a velid postcode EH42 ISA	Gazetteer will find property from postcode
	Find	
	345622	
	Easting (X) Northing (Y) 371585 673808	
	Type of property 🛞 Maximum people supplied (est.)	
	Brief description of the premises and its purpose 3 Domestic	
	Comments	
Treatment	Served by centralised treatment?	
	Additional information on centralised treatment (Optional)	
	Point of use treatment? (1)	
	Yes No	
	Additional information on point of use treatment (Optional)	
	Results (Optional)	
	Add attachment	
	Save property	
		Drinking Water Quality Regul

Add property			drop down list of addresses
Address	Post code		
	UPRN 0 Easting (X) 0	Northing (Y)	
	Type of property	Maximum people supplied (est.)	



UPRN and Grid ref populate automatically

Address	Name/Number	Street
	PRIMROSE COTTAGE	SMITHY ROW
	Town	Post code
	DUNBAR	EH42 1SA
	UPRN	
	138007950	
	Easting (X)	Northing (Y)
	371219	673854
	Type of property	Maximum people supplied (est.)
		0



	Easting (X) 371219	Northing (Y) 673854		
	Type of property (*) Brief description of the premises and its purpose Domestic	Maximum people supplied (est.)		
	Comments Sometimes operates as B&B		Complete other int as available. Plent	formation y of free
Treatment	Served by centralised treatment?          Yes       No         Additional information on centralised treatment (Optional)		text comments fie	lds.
	Point of use treatment? (3) Yes No Additional information on point of use treatment (Optional) Sum cartridge and UV		Add p	property when finished
			Add property	



Test Local Authority > Training Site

Training Site

Edit PWS

Overview	Sources	Centralised treatment	Distribution tanks	Prope	erties	Map Im	nages		
Properties		Each premises to which water is suppl	ied.		v	~ ~	~	~	
Add property		e.g. 123 Station Road							
				UPRN	Type of property	Max. people	Centralised treatment?	Point of use treatment?	
		PRIMROSE COTTAGE SMITHY ROW,	DUNBAR, EH42 1SA	138007950	Domestic	3	No	Yes	View 🗸
		KENNELS COTTAGE THURSTON, DU	NBAR, EH42 1SA	138003724	domestic	4	Yes	No	View 🗸
		THURSTON MANOR LEISURE PARK	, DUNBAR, EH42 1SA	138007988	Caravan park	500	Yes	No	View 🗸



## Registration – Mapping Tool





## Registration – Mapping Tool



Drinking Water Quality Regulator for Scotland

### Registration – Images



dwg	r
~	-

About us Accessibility Contact us Copyright Disclaimer RA guidance Privacy Our publication scheme



### Registration – PWS Front Page

Private Wate	r Supply Risk Assessment			superadmin@s	tormid.com 🗸	
Test Local Authority						
Training Site				Edit site Delet	e site PWS Data Export	
Supply number (URN) T1	Sources 2	Tanks 2	Properties 3			
Risk assessments	No risk assessments found					
Create risk assessment						
						-
Мар		Images				PWS no





IMG\_20170926\_142521 IMG\_20170926\_142521.jpg



P1040965 P1040965.JPG



IMG\_20170926\_155912 IMG\_20170926\_155912.jpg



P1040982.JPG



age for w looks



### Registration – PWS Front Page

Over Private Wate	r Supply Risk Assessment			superadmin@	stormid.com 🗸	
Test Local Authority						
Training Site				Edit site Dele		
Supply number (URN) T1	Sources	Tanks	Properties			
Risk assessments	No risk assessments found					
Create risk assessment						
Map		Images				Front
						PWS like tl





IMG\_20170926\_142521 IMG\_20170926\_142521.jpg



P1040965 P1040965.JPG



IMG\_20170926\_155912 IMG\_20170926\_155912.jpg



P1040982 P1040982.JPG



page for now looks like this



### Registration – PWS Front Page

Local authority	Test Local Authority	
Supply name	Training Site	
Supply number	T1	
What is the regulatory classification of the supply?	Regulated	
Estimated volume supplied (m3 per day)		50
Population		507
Treatment processes present		
Date last RA completed		
Highest risk score		
Highest mitigated risk score		
Average mitigated risk score		
Source name	Woodhall Burn	
Source Easting (x)	368635	
Source Northing (y)	673625	
Source type	Watercourse	
Source name	Brunt Spring	
Source Easting (x)	369852	
Source Northing (y)	674250	
Source type	Spring	
Tank name	Thurston Raw Tank	
Tank Easting (x)	370482	
Tank Northing (y)	673580	
Treated or untreated water	Untreated water	
Гаnk name	Thurston Treated Tank	
Гаnk Easting (x)	371587	
Tank Northing (y)	673807	
Treated or untreated water	Treated water	
Property name/number	PRIMROSE COTTAGE	
UPRN	138007950	
Type of property	Domestic	
Estimated max no. of persons supplied	3	
Served by centralised treatment?	No	
Point of use treatment?	Yes	
Property name/number	KENNELS COTTAGE	
UPRN	138003724	
Type of property	domestic	
Estimated max no. of persons supplied	4	
Served by centralised treatment?	Yes	
Point of use treatment?	No	
Property name/number	THURSTON MANOR LEISURE PARK	
UPRN	138007988	
Type of property	Caravan park	
Estimated max no. of persons supplied	500	
Served by centralised treatment?	Yes	
Point of use treatment?	No	

