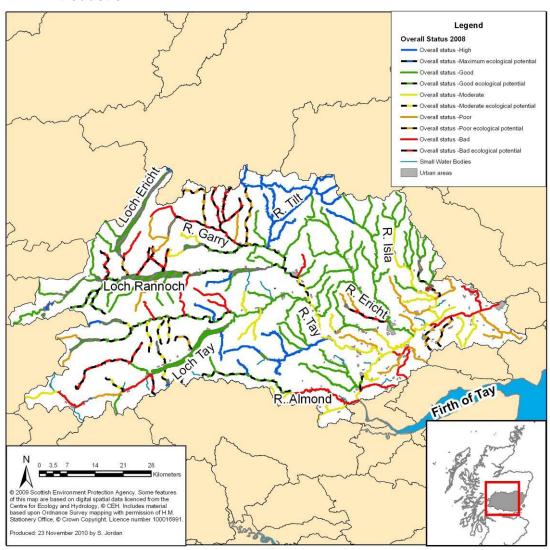
### **River Tay Catchment Summary**

#### 1. Introduction



The River Tay catchment is over 5000km², with the River Tay itself flowing 193Km from its source at Ben Lui into the Firth of Tay just beyond Perth. Within the catchment itself 5 lochs are present: - L. Ericht, L. Lyon, L. Rannoch, L. Tay, and L. Tummel, with the largest by way of volume being L.Tay. A mixed land use also helps to characterise the catchment with the upper reaches being predominately used for sheep grazing, grouse and deer game estates; the middle reaches for forestry; and lower lowland reaches for arable farming and built development.

The catchment contains 162 individual water bodies, of which 35 are classified as being heavily modified due to abstraction, diffuse source pollution, flow regulation, morphological alterations and point source pollutant pressures. There are also 48 Drinking Water Protection Areas, 12 Special Areas of Conservation, 2 Special Protection Areas and 5 Urban Waste Water Treatment Sensitive Areas. The River Tay is designated under the Freshwater Fish Directive.

Full details of classification, pressures and measures for each water body in this catchment is available on the RBMP interactive map at <a href="http://213.120.228.231/rbmp/">http://213.120.228.231/rbmp/</a>

The Tay area management plan and information about the Tay area advisory group is available at

http://www.sepa.org.uk/water/river\_basin\_planning/area\_advisory\_groups/tay.aspx

The River Tay catchment is a priority catchment for work in the first river basin planning cycle (2009 – 2015). Priority catchments, containing some of Scotland's most important waters (for drinking water, bathing, conservation and fishing), have been selected using a risk based approach for action. Whilst focusing on these catchments to address diffuse pollution pressures, the mitigation of other impacts on the water based environment will also be considered. This could include changes to beds and banks, abstractions, flooding and invasive non native species. Improvement measures will be coordinated with the work of the Tay area advisory group.

SEPA has appointed dedicated priority catchment officers to investigate the issues within each catchment and liaise with land managers. More information is available on SEPAs website:

http://www.sepa.org.uk/water/river basin planning/dp priority catchments.aspx
As part of the priority catchment implementation plan, targeted measures will be implemented for specific water bodies within this catchment.

## 2. Classification summary

SEPA has used 2008 data to classify the status of the River Tay catchment. In summary, the catchment contains:

Table 1: classification of water bodies in the Tay catchment

Non heavily modified water bodies		Heavily modified water bodies		
Ecological status	_		Number of water bodies	
High	18	Good	13	
Good	56	Moderate	12	
Moderate	20	Poor	11	
Poor	15	Bad	15	
Bad	16			

Appendix 1 gives further details of these water bodies.

#### 3. Protected areas

For the protected areas meeting their required standards the objective is no deterioration by 2015.

Table 2: Protected Areas

Protected Areas	Number of waterbodies	Class/ condition
Drinking Water Protected Zone	48	Pass
Freshwater Fish (Existing)	1	Mandatory = Pass
		Guideline = Fail
Special Area of Conservation (SAC)	1	Unfavourable
	11	Favourable
Special Area of Protection (SPA)	2	Favourable
UWWTD Sensitive Area (Existing)	5	-

Please see Appendix 3 gives for further details of the protected areas within the Tay catchment.

### 4. Pressures, measures and objectives summary of the catchment

### No deterioration objectives

No pressures exist on 86 surface water bodies which are currently at high status, good status or at good ecological potential. Under the Water Framework Directive we have a requirement to ensure that there is no deterioration in status.

For those water bodies that are currently less than good ecological status the objective is to ensure that no further deterioration occurs, in addition to any improvement objectives.

In the case of the heavily modifies water bodies which are at good ecological potential (GEP), there is a need for SEPA to verify the assessment that the pressure is associated with the reason for the heavily modified designation are at GEP. The objective for these is to ensure that there is no deterioration.

#### Point source pollution

There are 13 water bodies in the Tay catchment currently under pressure from point source pollution associated with sewage disposal. The current Scottish Water quality and standards investment programme is expected to deliver improvement on 8 water bodies by 2015 and 5 by 2025.

Table 3: Point source pollution- water bodies fixed by 2015

Improvements to be done by 2015				
Scottish Water assets	Water body impacted			
Perth sewage treatment works- emergency overflow	River Tay (R Isla to R Earn confluences)			
Birnam & Dunkeld sewage	River Tay (R Tummel to R Isla confluences)			
treatment works				
Wolfhill sewage treatment w orks	Burrelton Burn			
Forfar sewage treatment Works	Dean Water/Treacle Burn (Forfar to Kerbet Water Confluence)			
	Meigle Burn			
Kirriemuir Sewage treatment works	Gairie Burn			
Balbeggie sewage treatment works	St Martins Burn/Balgray Burn			

Table 4: Point source pollution- water bodies with objective of good by 2025

Improvements to be done by 2025					
Scottish Water assets Water body impacted					
Newtyle sewage treatment works	Commerton Burn				
Glamis & Charleston sewage treatment works	Glamis Burn				
Inverarity Housing sewage treatment works Inverarity House site	Kerbet Water				
Alyth sewage treatment works	Alyth Burn				
Methven sewage treatment works	East Pow				

### Diffuse source pollution

30 individual diffuse source pollution pressures exist on 19 water bodies within the Tay catchment, with those water bodies shown below:

### River Tay Priority Catchment Work

Diffuse pollution priority catchments have been identified by SEPA as catchments failing to meet environmental standards. Fourteen priority catchments, containing some of Scotland's most important waters (for conservation, drinking water, bathing and fishing), have been selected using a risk based approach for action in the first basin planning cycle. The River Tay is one such catchment. There are a wide range of potential sources of pollution across the Tay catchment including agriculture, forestry, recreation, septic tanks and urban run off. The effects of these sources vary depending upon geography, climate, land management and the nature of the receiving water and how it may respond to inputs of phosphorus, nitrate, sediment and pesticides. Ongoing work within the Tay priority catchment includes,

Water body (WB)	WB id	Water body (WB)	WB id
R Ericht	6535	Burrelton Burn	6526
Cononish	6505	Kerbet Water	6562
East Pow (d/s of	6510	Backwater	10021
Methven to R Almond Confluence)		Reservoir	8
Cononish	6505	Meigle Burn	6557
East Pow (d/s of Methven to R Almond Confluence)	6510	Commerton Burn	6559
Cononish	6505	Coupar Burn/Kinochtry	6525
Cambusmichael Burn	6906	Dean Water (Kerbet Water to R Isla Confluences)	6555
Loch of Drumellie	100234	Gairie Burn	6563
Loch of Lowes	100235	Loch of Lintrathen	10022
Loch of Clunie	100236		

Pressures result on these water bodies from arable farming, mining and quarrying of minerals, mixed farming, sewage disposal, and other refuse disposal activities. All but one of these pressures is expected to be remediated by 2015; with the pressure of diffuse source pollution from mixed farming on the Blackwater Reservoir having a target measure fix date by 2027.

#### Abstraction

Abstraction pressures exist on 18 water bodies within the catchment; most of them are associated with arable farming, two with mineral water production and one with water collection, purification and distribution.

Discussion with landowners/operators and a review of the abstraction authorisation will enable the Burrelton Burn (6526), the Cambusmichael Burn (6906) and the unnamed trib of Isla at Aberbothy (6553) to reach good status by 2015.

Table 6: Abstraction- water bodies to be fixed by 2015

Improvements to be done by 2015				
Landowner assets	Water body impacted			
Control abstraction- Blackfaulds, St	Cambusmicheal Burn			
Martin, abstraction from Cairnbeddie				
Loch				
Control abstraction- Newmill Farm,	Burrleton Burn			
abstraction from Burrelton Burn				
Control abstraction- Grange Of	Triburatry of the Isla at Aberbothy			
Aberbothrie, from Lochbank Burn at				
Black Law				

The abstraction associated with arable farming on the Dean Water/Treacle Burn (6556) will be fixed by 2015 and the abstraction associated with mineral water production will be assessed by 2020. This will enable the water body to reach good status by 2021.

The rest of the abstraction pressures in the catchment will be assessed in the future river basin management planning cycle as shown in the table below:

Table 7: water bodies to meet objectives in 2021 and 2027

Water bodies to reach good status by 2021	Water bodies to reach good status by 2027		
Kerbet Water	St Martins Burn/Balgray burn	River Almond	
Meigle Burn	Millhole Burn	River Isla	
Dean Water	Baikie Burn	River Isla	
Lunan Burn	Gairie Burn	Coupar Burn	
Coupar Burn/Kinochtry	Commerton Burn		

# Flow Regulation

36 water bodies within the catchment are affected by flow regulation pressures associated with the production of renewable electricity or water collection, purification and distribution pressures.

Table 8: water bodies affected by flow regulation in the Tay catchment

Water body (WB)	WB Id	Water body (WB)	WB Id
Loch Ericht	100203	Errochty Water	6611
Loch Errochty	100216	Allt a Chreagain Odhair	6620
Backwater Reservoir	100218	Killichonan Burn	6623
Loch Tummel	100220	River Ericht (Loch Ericht to Loch Rannoch)	6624
Loch Eigheach	100224	Allt Chaldar	6630
Loch of Lintrathen	100225	Abhainn Duibhe	6631
Loch an Daimh	100232	River Lyon	6639
Loch Lyon	100239	Allt Conait	6648
Loch na Lairige	100240	Lawers Burn	6653
R Almond (Source to Fendoch Burn Confluence)	6508	Allt a'Mhoirneas	6655
Lornty Burn	6537	Allt Breaclaich (Breaclaich Res to Loch Tay)	6657
Melgam Water (Loch of Lintrathen to R Isla)	6567	Achmore Burn	6659
Melgam Water (Backwater Reservoir to Loch of Lintrathen)	6568	Auchlyne West Burn	6662
River Tummel (Loch Tummel to Loch Fascally)	6584	River Tummel (L Faskally to R Tay)	6828
River Tummel (Loch Rannoch to Dunalastair Water)	6586	Loch Faskally	6829
Kinnaird Burn	6593	River Garry (Errochty Water Confluence to L Faskally)	6836
River Bruar	6605	River Garry from Garry Intake to Errochty Water confluence	6911
Allt Anndeir	6608	River Garry from Loch Garry to Garry Intake	6912

Table 9: improvements to be done by 2015

Improvements to be done by 2015				
Operator Assets	Water body impacted			
SSE- Tummel Hydro, Clunie Power	River Tummel (Loch Tummel to Loch Fascally)			
Station, impact on Loch Tummel				
SSE- Tummel Hydro, Rannoch Power	River Tummel (Loch Rannoch to Dunalastair Water)			
Station, impact on Loch Rannoch				
SSE- Tummel Hydro, Errochty Power	Errochty Water			
Station, Imp on Loch Errochty				
SSE- Tummel Hydro, Gaur Power Station,	Abhainn Duibhe			
Imp on Abhainn Duibhe				
SSE- Breadalbane Hydro, Lochay Station,				
abstraction from Stronuich Reservoir	River Lyon			
SSE- Breadalbane Hydro, Lochay Station,				
Main Tunnel, Abs(119)from Stronuich	R Almond (Source to Fendoch Burn Confluence)			

Reservoir	
Scottish Water - Dunkeld WTW, Loch	
Benachally Impoundment, Forest of	
Clunie	Lornty Burn
SSE- Tummel Hydro, Rannoch Power	
Station, Imp on River Ericht @ Loch Ericht	Loch Ericht
SSE- not site specific	Loch Errochty
SSE- not site specific	Loch Tummel
SSE- not site specific	Loch an Daimh
SSE- Breadalbane Hydro, Lubreoch	
Power Station, Impoundment at Loch	
Lyon at power station	Loch Lyon
SSE- not site specific	Loch na Lairige
SSE- Tummel Hydro, Pitlochry Power	
Station, Impoundment on River Tummel at	
Loch Faskally	River Tummel (L Faskally to R Tay)
SSE- Tummel Hydro, Pitlochry Power	
Station, Imp on River Tummel @ Loch	
Faskally	Loch Faskally
SSE- Tummel Hydro, Errochty Power	
Station, Imp on Loch Errochty	River Garry (Errochty Water Confluence to L Faskally)
SSE- Tummel Hydro, Errochty Power	
Station, Imp on Allt a Chireachain	Allt Anndeir
SSE- Tummel Hydro, Errochty Power	
Station, Imp on River Garry	River Garry from Garry Intake to Errochty Water confluence
SSE_ Tummel Hydro, Ericht Power	
Station, Imp on Allt Dubhaig @ Dam	River Garry from Loch Garry to Garry Intake

### Morphological pressures

There are 65 morphological pressures acting upon 56 water bodies in the River Tay catchment. The pressures themselves result from various drivers, including arable farming, forestry, mixed farming, production of renewable electricity and water collection, purification and delivery. It must be noted however that not all of the pressures have identified drivers, and 29 of the aforementioned pressures relate to 24 heavily modified water bodies. Such pressures may not be currently being addressed as a result.

Table 10: water bodies affected by morphological pressures

Water body (WB)	WB id	Heavily Modified WB	Water body (WB)	WB id	Heavily Modified WB
Loch Ericht	100203	Yes	Dean Water/Treacle Burn (Forfar to Kerbet Water Confluence)	6556	No
Loch Errochty	100216	Yes	Meigle Burn	6557	Yes
Backwater Reservoir	100218	Yes	Commerton Burn	6559	Yes
Loch Tummel	100220	Yes	Kerbet Water	6562	No
Loch Rannoch	100221	Yes	Gairie Burn	6563	No
Dunalastair Water	100222	Yes	Baikie Burn	6564	No
Loch of Lintrathen	100225	Yes	Alyth Burn	6565	No
Loch Benachally	100230	Yes	Incheoch Burn	6566	No
Loch an Daimh	100232	Yes	Cromie Burn	6570	No

Loch Lyon	100239	Yes	Millhole Burn	6575	No
Loch na Lairige	100240	Yes	Allt na Glaise	6596	No
Lochan Breaclaich	100243	Yes	Alt a Chrombaidh	6607	No
Loch Garry	100349	Yes	Allt Anndeir	6608	Yes
River Tay (R Isla to R Earn Confluences)	6498	No	Edendon Water	6609	Yes
River Tay (R Tummel to R Isla Confluences)	6499	No	Allt Coire Dhomhain	6610	No
East Pow (d/s of Methven to R Almond Confluence)	6510	No	Errochty Water	6611	Yes
Trib of East Pow	6512	No	Allt Con	6612	No
River Isla (R Ericht to R Tay Confluences)	6521	No	Allt Ruighe nan Saorach	6613	No
Coupar Burn/Kinochtry	6525	No	Dall Burn	6621	No
Burrelton Burn	6526	No	Allt Chaldar	6630	Yes
Coupar Burn	6527	No	Abhainn Duibhe	6631	No
Lunan Burn (Loch of Drumellie to R Isla Confluence)	6528	No	River Lyon	6639	Yes
Leddown Burn/Lunan Burn (to Loch of Craiglush)	6533	No	Abhainn Glas	6640	No
Lornty Burn	6537	Yes	Allt Cailliche	6650	No
Craigsheal Burn	6538	No	River Tummel (L Faskally to R Tay)	6828	No
Baden Burn	6539	No	Stormontfield Lade	6905	Yes
Unnamed trib of Isla at Aberbothy	6553	No	River Garry from Garry Intake to Errochty Water confluence	6911	Yes
Dean Water (Kerbet Water to R Isla Confluences)	6555	No	River Garry from Loch Garry to Garry Intake	6912	Yes

22 of the morphology pressures are not related to heavily modified water bodies of these 12 water bodies should reach good status by 2015.

Table 11: Water bodies to be at good status by 2015

Impr	Improvements to be done by 2015				
Owner	Water body impacted				
Tay District Salmon Fisheries Board/ Landowner- not site specific	Coupar Burn/Kinochtry				
Tay District Salmon Fisheries Board/ Landowner- not site specific	Burrelton Burn				
Tay District Salmon Fisheries Board	Coupar Burn				
Landowner- not site specific	Dean Water (Kerbet Water to R Isla Confluences				
Landowner- not site specific	Gairie Burn				
Landowner- not site specific	Alyth Burn				
Landowner- not site specific	Cromie Burn				
Landowner- not site specific	Allt na Glaise				
SSE- not site specific	Allt Con				
SSE- not site specific	Alt a Chrombaidh				
SSE- not site specific	Allt Coire Dhomhain				
-	Allt Ruighe nan Saorach				

Table 12: water bodies to meet objectives by 2021 and 2027

Water bodies to reach good status by 2021	Water bodies to reach good status by 2027					
East Pow (d/s of Methven to R Almond Confluence)	River Tay (R Isla to R Earn Confluences)	Incheoch Burn	Leddown Burn/Lunan Burn (to Loch of Craiglush)			
Dean Water/Treacle Burn (Forfar to Kerbet Water Confluence)	River Tay (R Tummel to R Isla Confluences)	Unnamed trib of Isla at Aberbothrie	Craigsheal Burn			
Kerbet Water	Trib of East Pow	Baikie Burn	Baden Burn			
	River Isla (R Ericht to R Tay Confluences) River Tummel (L Faskally to R Tay)	Lunan Burn (Loch of Drumellie to R Isla Confluence	Millhole Burn			

### Invasive species

Invasive species are present within 16 water bodies in the River Tay catchment in regards to Australian swamp stonecrop, Canadian Pondweed (*Elodea canadensis*), Common cordgrass (*Spartina anglica*) and North American signal crayfish (and the risk of their spreading into a particular water body). This is shown in the table below:

Table 13: Water bodies affected by INNS in the Tay catchment

Water body ID	Water body name	Pressures	Fixed by	Comments/ Assessment Parameters
River South Esk (White Burn	5799	Invasive non-	Moderate by	North American
Confluence to Estuary)		native species	2027	signal crayfish
River South Esk (White Water to	5800	Invasive non-	Moderate by	North American
White Burn Confluences)		native species	2027	signal crayfish
River South Esk (Source to	5801	Invasive non-	Moderate by	North American
White Water Confluence)		native species	2027	signal crayfish
River Earn	6800	Invasive non-	Moderate by	North American
		native species	2027	signal crayfish
River Earn (Loch Earn to Water	6839	Invasive non-	Moderate by	North American
of Ruchill confluence)		native species	2027	signal crayfish
Water bodies adjacent to River		Invasive non-		Risk of introduction
South Esk (White Burn to		native species		of NASC.
Estuary; White Water to White				

Burn; source to White Water), River Earn, River Earn (Loch Earn to Water of Ruchill)				
River Tay (R Tummel to R Isla	6499	Invasive non-	-	Australian swamp
Confluences)	400005	native species		stonecrop
Loch of Lintrathen	100225	Invasive non- native species	-	Canadian Pondweed
Loch Tay	100233	Invasive non- native species	-	Canadian Pondweed (Elodea canadensis)
Loch of Drumellie	100234	Invasive non- native species	-	Canadian Pondweed (Elodea canadensis)
Loch of Lowes	100235	Invasive non- native species	-	Canadian Pondweed (Elodea canadensis
Loch of Clunie	100236	Invasive non- native species	-	Canadian Pondweed (Elodea canadensis
Loch Freuchie	100242	Invasive non- native species	-	Canadian Pondweed (Elodea canadensis)
Dunkeld–Blairgowrie Lochs SAC	UK0012638	Invasive non- native species	-	Canadian Pondweed (Elodea canadensis
Eden Estuary	200057	Invasive non- native species	-	Canadian Pondweed (Elodea canadensis

### **Groundwater bodies**

Twenty five groundwater bodies are associated with the catchment (appendix 1), of which twenty three are expected to attain and then maintain a good status by 2015. Of the two which do not, the Newburgh bedrock and localised sand and gravel aquifer (150251) is expected to attain good status by 2021, with an arable farm diffuse pollution pressure preventing it achieving this earlier. The Carse of Gowrie bedrock and localised sand and gravel aquifer (150255) is not however expected to revise from its current poor classification throughout any of the first three planning cycles, with the pressure itself resulting from arable farming diffuse source pollution. This is due to the natural recovery time required for its improvement. Measures are however in place on both these water bodies (amongst others) to remediate this and maintain a good status.

### Areas of action

Action	Suggested owner	Date
Ensure Scottish Water objectives are on track	SEPA quality and	Ongoing -
to deliver	standards team	2027

CAR irrigation licence review to address	SEPA/ Tay AAG	2027
agricultural abstraction pressures		
Work with landowners and link with restoration	SEPA/ Tay AAG	Ongoing -
strategy to address morphological pressures		2021
Determine measures to alleviate diffuse	SEPA/ Tay AAG	Ongoing -
source pollution pressures	•	2015
Investigate presence of invasive species and	RBMP coordinator	Ongoing
their locations to prevent downgrading of the		
water body		
Identify measures to tackle the presence of	RBMP coordinator/ Tay	Ongoing -
non native species and determine a fix by date	AAG	2027
Determine the measures being put in place to	RBMP	Ongoing
tackle the pressures on groundwater		
Continue to raise profile of RBMP and	SEPA/ All AAG	Ongoing
requirement to protect and improve the water	members	
environment		

Appendix 3 has further details of groundwater classification in the Tay catchment

## **Appendix**

# Appendix 1: Classification and objectives summary

Ecological status/ecological potential classification	Number of water bodies	Names of water bodies (water body ID)	Good by
		Glenshervie Burn (6514)	-
		Glen Lochsie Burn (6546)	-
		River Braan (6576)	-
		Cochill Burn (6577)	-
		River Quaich (6578)	-
		River Tilt (6598)	-
		Fender Burn (6599)	-
High	18	(/	-
		Tarf Water (6602)	-
		Caochan Lu (6606)	-
		Allt Kynachan (6617)	-
		River Ericht (Source to Loch Ericht near Dalwhinnie)	
		(6625)	-
		Allt Odhar (6642)	-
		Eas Daimh (6649)	-

		Achara Rura (6651)	
		Acharn Burn (6651) Lairig an Lochain (6656)	-
		Allt Breaclaich (Source to Breaclaich Res) (6658)	-
		Canty Burn (6845)	_
		Carty Bull (0040)	_
		River Tay (R Lyon to R Tummel confluences) (6500)	-
		River Tay (Loch Tay to R Tummel confluences) (6501)	
		East Pow (Source to d/s of Methven) (6511)	_
		Shochie Burn (Source to Ordie Burn confluence)	
		(6520)	-
		River Isla/Canness Bum (6524)	
		Lunan Burn (Loch of Clunie to Loch of Drumellie)	-
		(6529)	
		Buckny Burn (6534)	-
		River Ericht (6535)	-
		Allt Fearnach (6536)	
		Black Water (Allt Mor to R Ericht confluences) (6540)	-
		Black Water (Source to Allt Mor confluence) (6541)	-
		Drumturn Burn (6542)	-
		Ennoch Burn (6543)	
		Allt an Daimh/Allt Mor (6544)	-
		Allt a Ghlinne Bhig (6545) Pitcarmick Burn (6547)	
			-
		Allt Menach (6548) Balnald Burn (6549)	_
		Allt Doire nan Eun (6550)	_
		Brerachan Water (6551)	_
		Allt Glen Loch (6552)	_
		Glendmff Burn (6569)	_
		Inzion Burn/Quharity Burn (6571)	-
		Hole Burn (6572)	-
		Burn of Kilry (6573)	-
Good	56	Newton Burn/Finlet Burn (6574)	-
		Ballinloan Burn (6579)	-
		Tombane Burn (6580)	-
		Dowally Burn/Pitrannoch Burn (6581)	-
		Tulliemet Burn (6582)	-
		Garbh Ghaoir (6588)	-
		Abhainn ba (6589)	-
		River Ba (6590) Lochbroom Burn (6591)	_
		Edradour Burn (6592)	_
		Allt Girnaig (6597)	_
		An Lochain (6601)	_
		Banvie Burn (6603)	_
		Allt Bhaic (6604)	-
		Glen Fincastle Burn (6614)	-
		Allt Kinardochy (6616)	-
		Carie Burn (6619)	-
		Allt Camghouran (6622)	-
		Allt Eigheach (6632)	-
		Allt Lochain Ghaineamhaich (6633)	-
		Balnaguard Burn (6634)	-
		Allt a Phruneich (6636)	-
		Allt a Chilleine (6652)	-
		River Lochay (Allt Dhuin Croisg confluence to Loch	-
		Tay) (6660)	-
		Luib Burn (6663)	-
		Lunan Burn (Loch of Lowes to Loch of Clunie) (6846)	-
			-

	1		
			-
			-
			-
		River Almond (Source to Fendoch Burn confluence)	-
		(6508)	
		Melgam Water (Backwater Reservoir to Loch of	_
		Lintrathen) (6568)	
		River Tummell (Loch Tummell to Loch Fascally)	_
		(6584)	
		River Tummell (Dunalastair Water to Loch Tummell)	_
		(6585)	_
Cood coological		River Tummell (Loch Rannoch to Dunalastair Water)	
Good ecological	12	(6586)	-
potential			
		River Gaur (6587)	-
		Errochty Water (6611)	-
		Abhainn Duibhe (6631)	-
		River Lyon (6639)	-
		Loch Faskally (6829)	-
		River Garry (Errochty Water confluence to Loch	-
		Faskally) (6836)	
		Stormontfield Lade (6905)	
		River Tay (R Isla to R Earn confluences) (6498)	2027
		River Tay (R Tummel to R Isla confluences) (6499)	2027
		Cononish (6505)	2015
		East Pow (d/s of Methven to R Almond confluence)	
		(6510)	2021
		Trib of East Pow (6512)	2027
		Fendoch Burn (6513)	2027
		River Isla (R Ericht to R Tay confluences) (6521)	2027
		River Isla (Dean Water to R Ericht confluences)	2021
		(6522)	2027
		River Isla (Glencally Burn to Dean Water confluences)	2021
			0007
		(6523)	2027
Moderate	20	Lunan Burn (Loch of Drumellie to R Isla confluence)	
		(6528)	2027
		Leddown Burn/Lunan Burn (to Loch of Craiglush)	
		(6533)	2027
		Eassie Burn (6560)	2015
		Glamis Burn (6561)	2015
		Baikie Burn (6564)	2027
		Inchoech Burn (6566)	2027
		Allt Con (6612)	2015
		Allt Ruighe nan Saorach (6613)	2015
		Urlar Burn (6637)	Poor in 2027
		Camserney Burn (6638)	2027
		Cambusmichael Burn (6906)	2015
		Allt a Chobhair (6644)	2027
		Allt Gleann Da-Eig (6645)	2027
		Allt Bail a Mhuilinn (6647)	2027
Moderate		Allt Conait (6648)	2027
ecological	8	Allt a'Mhoirneas (6655)	2027
potential			2027
		Allt Breaclaich (Breaclaich Res to Loch Tay) (6657)	2027
		Auchlyne West Burn (6662)	
		River Tummel (L Faskally to R Tay) (6828)	2027
D		River Dochart (Loch Lubhair to Auchlyne West Burn	0007
Poor	15	confluence) (6503)	2027
		Burrelton Burn (6526)	2015

Craigsheal Burn (6538)   2027			O D (0507)	0007
Baden Burn (6539)   2027   2027   2021   2			Coupar Burn (6527)	2027
Unnamed trib of Isia at Aberbothy (6553)   2027				
Refbet Water (6562)				
Alyth Burn (6565)   2027			Unnamed trib of Isla at Aberbothy (6553)	2027
Cromie Burn (6570)   2015   2015   2016   2016   2015   2017   2015			Kerbet Water (6562)	2021
Millhole Burn (6575)   2027   Allt na Glaise (6596)   2015   20			Alyth Burn (6565)	2027
Millhole Burn (6575)			Cromie Burn (6570)	2015
Allt a Glaise (6596) Allt a Chrombaidh (6607) Dall Burn (6621) Abhainn Glas (6640) Allt Calliche (6650) Poor at 2027 Allt Calliche (6650) Poor at 2027 Meigle Burn (6557) Commerton Burn (6559) Meiglam Water (Loch of Lintrathen to R Isla) 6567River Bruar (6605) Edendon Water (6609) River Ericht (Loch Ericht to Loch Rannoch) (6624) Lawers Burn (6653) River Burn (6605) River Burn (6605) River Jochard (confluence Auchlyne West Burn to Loch Tay (6502) River Almond (R East Pow to R Tay confluences) (6506) River Almond (R East Pow to R Tay confluences) (6506) River Almond (Freedoch Burn to R East Pow confluences) (6506) River Almond (Repeach Burn (6525) Dean Water (Kerbet Waetr to R Isla confluences) River Almond (Freedoch Burn to R East Pow confluences) (6555) Gairie Burn (6563) Rinnaird Burn (6593) Allt Coire Dhomhain (6610) Dinnerhadden Burn (6618) Allt Goire Dhomhain (6618) Bad at 2027 Allt Ghias (6626) Keliney Burn (6643) Allt Ghias (6646) St Martins Burn/Balgray Burn (6904)  Lomty Burn (6537) Allt Ahndeir (6608) Allt A Chreagain Odhair (6620) Killichoan Burn (6623) Allt Chalar (6630) Allt Chalar (6630) River Carry from Garry intake to Errochty Water 2027 Confluence (6911)				
Allt a Chrombaidh (6607) Dall Burn (6621) Abhainn Glas (6640) Allt Cailliche (6650) Poor at 2027 Poor ecological potential  River Dochart (confurence Auchivane West Burn to Capara (6650)) River Ericht (Loch Ericht to Loch Rannoch ) (6624) Lawers Burn (6650) River Almond (R East Pow to R Tay confluences) (6506) River Almond (R East Pow to R Tay confluences) (6506) River Almond (Freedoch Burn to R East Pow confluences) (6507) Coupar Burn/Kinochtry (6525) Dean Water (Kerbet Waetr to R Isla confluences) (6555) Gainie Burn (6563) Kinnaird Burn (6563) Kinnaird Burn (6563) River Almond (Freedoch Burn to R East Pow confluences) (6555) Bad at 2027 River Almond (Freedoch Burn to R East Pow Confluences) (6555) Dean Water (Kerbet Waetr to R Isla confluences) (6555) Bad at 2027 River Domhain (6610) River Burn (6581) Rit Coire Dhomhain (6610) River Burn (6643) Allt Ghilas (6626) St Martins Burn/Balgray Burn (6904)  Poor at 2027 River Lochay (6623) Allt Annoteir (6608) Allt Childran Burn (6651) Allt Childran Burn (6659) River Lochay (source to Allt Dhuin Croisg confluence) River Lochay (source to Allt Dhuin Croisg confluence) River Lochay (source to Allt Dhuin Croisg confluence) River Garry from Garry Intake to Errochty Water Confluence (6911)				
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Meigle Burn (6559)				
Poor ecological potential				
Poor ecological potential   77				
Poor ecological potential   7				
Pool ecological potential   7				2021
Dotential   Federation   Description   Des	Poor ecological	7		2027
River Ericht (Loch Ericht to Loch Rannoch ) (6624)   2027		/		
Lawers Burn (6653)   2027	"			
River Dochart (confluence Auchlyne West Burn to Loch Tay) (6502) 2027   2027   2027   R Fillan (6504)   2027   River Almond (R East Pow to R Tay confluences) (6506)   River Almond (Freedoch Burn to R East Pow confluences) (6507)   2027   2021   2021   2021   2021   2021   2021   2021   2021   2027   2021   2021   2027   2021   2027				
Loch Tay) (6502)				2027
R Fillan (6504)				
River Almond (R East Pow to R Tay confluences) (6506)   2027				
Bad   16   (6506)   River Almond (Freedoch Burn to R East Pow confluences) (6507)   2027   2021   2021   2021   2021   2021   2021   2021   2021   2021   2021   2027   2021   2027   2021   2027   2021   2027			R Fillan (6504)	2027
River Almond (Freedoch Burn to R East Pow confluences) (6507)   2027			River Almond (R East Pow to R Tay confluences)	
Bad   16			(6506)	2027
Bad   16			River Almond (Freedoch Burn to R East Pow	
Bad   16   Coupar Burn/Kinochtry (6525)   2021				2027
Dean Water (Kerbet Waetr to R Isla confluences)   2021   2027				2021
Bad				
Gairie Burn (6563)	Rad	16		2021
Kinnaird Bum (6593)   Bad at 2027     Allt Coire Dhomhain (6610)   2027     Innerhadden Burn (6618)   Bad at 2027     Allt Ghlas (6626)   2027     Keltney Burn (6641)   Bad at 2027     Invervar Burn (6643)   Bad at 2027     Bad at 2027     Allt a Mhuic (6646)   Bad at 2027     St Martins Bum/Balgray Burn (6904)   2027     Lornty Burn (6537)   2027     Allt Anndeir (6608)   2015     Allt a Chreagain Odhair (6620)   2015     Killichonan Burn (6623)   2027     Allt Chaldar (6630)   2027     Ardeonaig Burn (6654)   2027     Achmore Burn (6659)   2027     River Lochay (source to Allt Dhuin Croisg confluence)   2027     River Garry from Garry intake to Errochty Water   2027     Confluence (6911)   2015	Daa	10		
Allt Coire Dhomhain (6610) Innerhadden Burn (6618) Allt Ghlas (6626) Reltney Burn (6641) Bad at 2027 Bad at 2027 Invervar Burn (6643) Bad at 2027 Allt a Mhuic (6646) Bad at 2027 Bad at 2027 Bad at 2027 St Martins Burn/Balgray Burn (6904)  Lornty Burn (6537) Allt Anndeir (6608) Allt a Chreagain Odhair (6620) Allt Chaldar (6630) Allt Chaldar (6630) Ardeonaig Burn (6654) Achmore Burn (6659) River Lochay (source to Allt Dhuin Croisg confluence) (6661) River Garry from Garry intake to Errochty Water confluence (6911)				
Innerhadden Burn (6618)				
Allt Ghlas (6626)  Keltney Burn (6641)  Invervar Burn (6643)  Allt a Mhuic (6646)  St Martins Burn/Balgray Burn (6904)  Lornty Burn (6537)  Allt Anndeir (6608)  Allt a Chreagain Odhair (6620)  Killichonan Burn (6623)  Allt Chaldar (6630)  Bad ecological potential  10  Ardeonaig Burn (6654)  Achmore Burn (6659)  River Lochay (source to Allt Dhuin Croisg confluence) (6661)  River Garry from Garry intake to Errochty Water confluence (6911)				
Keltney Burn (6641)   Bad at 2027				
Invervar Burn (6643)   Bad at 2027     Allt a Mhuic (6646)   Bad at 2027     St Martins Burn/Balgray Burn (6904)   2027     Lornty Burn (6537)   2027     Allt Anndeir (6608)   2015     Allt a Chreagain Odhair (6620)   2015     Killichonan Burn (6623)   2027     Allt Chaldar (6630)   2027     Ardeonaig Burn (6654)   2027     Achmore Burn (6659)   2027     River Lochay (source to Allt Dhuin Croisg confluence)   2027     River Garry from Garry intake to Errochty Water   2027     confluence (6911)   2015				
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St Martins Burn/Balgray Burn (6904)   2027				
Lornty Burn (6537)   2027     Allt Anndeir (6608)   2015     Allt a Chreagain Odhair (6620)   2015     Killichonan Burn (6623)   2027     Allt Chaldar (6630)   2027     Ardeonaig Burn (6654)   2027     Achmore Burn (6659)   2027     River Lochay (source to Allt Dhuin Croisg confluence)   2027     River Garry from Garry intake to Errochty Water   2027     confluence (6911)   2015				
Allt Anndeir (6608) Allt a Chreagain Odhair (6620) Ead ecological potential  Allt Chaldar (6630) Allt Chaldar (6630) Ardeonaig Burn (6654) Achmore Burn (6659) River Lochay (source to Allt Dhuin Croisg confluence) (6661) River Garry from Garry intake to Errochty Water confluence (6911)				
Allt a Chreagain Odhair (6620)  Killichonan Burn (6623)  Allt Chaldar (6630)  Ardeonaig Burn (6654)  Achmore Burn (6659)  River Lochay (source to Allt Dhuin Croisg confluence)  (6661)  River Garry from Garry intake to Errochty Water confluence (6911)				
Bad ecological potential  10  Killichonan Burn (6623) Allt Chaldar (6630) Ardeonaig Burn (6654) Achmore Burn (6659) River Lochay (source to Allt Dhuin Croisg confluence) (6661) River Garry from Garry intake to Errochty Water confluence (6911)  2027 2027 2027 2027 2027 2027				
Bad ecological potential  10  Allt Chaldar (6630) Ardeonaig Burn (6654) Achmore Burn (6659) River Lochay (source to Allt Dhuin Croisg confluence) (6661) River Garry from Garry intake to Errochty Water confluence (6911)  2027 2027 2027 2027 2027 2015				
Bad ecological potential  Ardeonaig Burn (6654) Achmore Burn (6659) River Lochay (source to Allt Dhuin Croisg confluence) (6661) River Garry from Garry intake to Errochty Water confluence (6911)  2027 2027 2027 2027 2015				
potential  Achmore Burn (6659)  River Lochay (source to Allt Dhuin Croisg confluence) (6661)  River Garry from Garry intake to Errochty Water confluence (6911)  2027 2027 2027 2027 2015				
River Lochay (source to Allt Dhuin Croisg confluence) (6661) River Garry from Garry intake to Errochty Water confluence (6911)  2027 2027 2027 2027 2015		10		
(6661) 2027 River Garry from Garry intake to Errochty Water 2027 confluence (6911) 2015	potential	10	Achmore Burn (6659)	
(6661) 2027 River Garry from Garry intake to Errochty Water 2027 confluence (6911) 2015			River Lochay (source to Allt Dhuin Croisg confluence)	2027
River Garry from Garry intake to Errochty Water confluence (6911) 2027				2027
confluence (6911) 2015				
INVELOCITY HOLL COLLY TO CALLY HIGHE LOST / 11:			River Garry from Loch Garry to Garry intake (6912)	2015

# Appendix 2: Protected Areas

Pass	Protected area	No.	Condition/	PA ID	Name
Pass	(PA) designation	WBs	Classification	0.400	D: T (D.I.I. D.E. O. (II.)
Pass		48			
Pass   6513   Fendoch Burn	Protection Zone		Pass	6506	
Pass   6549   Balnald Burn     Pass   6581   Dowally Burn/Pitrannoch Burn     Pass   6587   Allt Gimaig     Pass   6669   Achmore Burn     Pass   6669   Achmore Burn     Pass   6849   Crom Allt (lower to R Cononish)     Pass   6849   Crom Allt (lower to R Dochart Confluence)     Pass   6849   Crom Allt (upper)     Pass   6887   Crom Allt (upper)     Pass   6889   Finglen Burn     Pass   6889   Finglen Burn     Pass   6889   Allt Coire Ardrain     Pass   6895   Allt Coire Ardrain     Pass   150256   Dundee bedrock and localised sand and gravel aquifers     Pass   150260   Perth bedrock and localised sand and gravel aquifers     Pass   150262   Alth Dedrock and localised sand and gravel aquifers     Pass   150264   East Pow Valley Sand and Gravel     Pass   150277   Crieff bedrock and localised sand and gravel aquifers     Pass   150286   Black Water Valley Sand and Gravel     Pass   150286   Black Water Valley Sand and Gravel     Pass   150286   Black Water Valley Sand and Gravel     Pass   150290   Upper Tay bedrock and localised sand and gravel aquifers     Pass   150291   Upper Tay Valley Sand and Gravel     Pass   150292   Tummel Valley Sand and Gravel     Pass   150293   Gien Lyon Sand and Gravel     Pass   150293   Gien Lyon Sand and Gravel     Pass   150294   Garry and Loch Rannoch bedrock and localised sand and gravel aquifers     Pass   150295   Gien Garry Sand and Gravel     Pass   150296   Gien Garry Sand and Gravel     Pass   150297   Tummel Valley Sand and Gravel     Pass   150296   Gien Garry Sand and Gravel     Pass   150297   Gien Lyon Sand and Gravel     Pass   150298   Dunkeld - Blairgowrie Lochs     Favourable   UK0012891   Tulach Hill and Glen Fender Meadows     Favourable   UK00030172   Keltneyburn     Favourable   UK00030172   Keltne			Door	0540	
Pass					<u> </u>
Pass					
Pass   6887   Crom Allt (upper)					
Pass   6889   Finglen Bum			Pass	6851	
Pass   6889   Finglen Bum			Pass	6887	Crom Allt (upper)
Pass   6895   Allt Coire Ardrain			Pass	6889	Finglen Burn
Pass			Pass	6895	
Pass			Pass		
Pass					
Pass				. 33233	
Pass			Pass	150260	
Pass			1 400	100200	
Pass			Pass	150262	
Pass					
Pass			Pass	150264	
Pass					
Pass					
Pass			Pass	150279	
Pass					
Pass				. 33233	
Pass			Pass	150286	
Pass					
Pass   150291   Upper Tay Valley Sand and Gravel					
Pass			. 400	100200	
Pass   150292   Tummel Valley Sand and Gravel			Pass	150291	
Pass					
Pass 150294 Garry and Loch Rannoch bedrock and localised sand and gravel aquifers Pass 150295 Glen Garry Sand and Gravel  Freshwater Fish (Existing)  Special Area of Conservation (SAC)  Independent of Conservation (SAC)  Favourable UK0012638 Dunkeld - Blairgowrie Lochs Favourable UK0012821 Caenlochan Favourable UK0012891 Tulach Hill and Glen Fender Meadows Favourable UK0012895 Ben Lawers Favourable UK0012901 Ben Heasgarnich Favourable UK0012952 Meall na Samhna Favourable UK0030123 Craighall Gorge Favourable UK0030152 Dun Moss and Forest of Alyth Mires Favourable UK0030174 Keltneyburn Favourable UK0030274 Shingle Islands Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004381 Forest of Clunie					
Freshwater Fish (Existing)  Special Area of Conservation (SAC)  Favourable UK0012891 Tulach Hill and Glen Fender Meadows Favourable UK0012951 Meall na Samhna Favourable UK0012952 Meall na Samhna Favourable UK0030123 Craighall Gorge Favourable UK0030152 Dun Moss and Forest of Alyth Mires Favourable UK0030174 Keltneyburn Favourable UK0030124 Shingle Islands Favourable UK0030125 River Tay  Special Protection Area (SPA)    Dinfavourable UK0012638 Dunkeld - Blairgowrie Lochs   Dinkeld - Blairgowrie Lochs					
Freshwater Fish (Existing)  Special Area of Conservation (SAC)  Favourable Favourable Favourable Favourable UK0012895 Favourable UK0012895 Favourable Favourable UK0012891 Favourable UK0012895 Favourable Favourable UK0012895 Favourable Favourable UK0012901 Favourable UK0012952 Favourable Favourable UK0012952 Favourable UK0012952 Favourable UK0030123 Craighall Gorge Favourable UK0030152 Dun Moss and Forest of Alyth Mires Favourable UK0030274 Favourable Special Protection Area (SPA)  Pass  11  Mandatory = Pass UKS78659102  River Tay  UK0012638 Dunkeld - Blairgowrie Lochs  Caenlochan  Tulach Hill and Glen Fender Meadows  Ben Lawers Favourable UK0012952 Meall na Samhna Craighall Gorge Favourable UK0030174 Keltneyburn Favourable UK0030274 Shingle Islands Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004381 Forest of Clunie			. 400	.0020	
Freshwater Fish (Existing)  Special Area of Conservation (SAC)  In the proof of Conservation (SAC)  The proof of Conservation (SAC)  In th			Pass	150295	
Special Area of Conservation (SAC)  In the substituting special Area of Conservation (		1	Mandatory = Pass		
Conservation (SAC)  Favourable  Favourable  UK0012891  Favourable  UK0012895  Favourable  UK0012895  Favourable  UK0012901  Favourable  Favourable  UK0012952  Meall na Samhna  Favourable  UK0030123  Craighall Gorge  Favourable  UK0030152  Dun Moss and Forest of Alyth Mires  Favourable  UK0030174  Keltneyburn  Favourable  UK0030274  Shingle Islands  Favourable  UK0030312  River Tay  Special Protection  Area (SPA)  Favourable  UK9004381  Forest of Clunie		11		LIK0012638	Dunkeld - Blairgowrie Lochs
Favourable UK0012891 Tulach Hill and Glen Fender Meadows Favourable UK0012895 Ben Lawers Favourable UK0012901 Ben Heasgarnich Favourable UK0012952 Meall na Samhna Favourable UK0030123 Craighall Gorge Favourable UK0030152 Dun Moss and Forest of Alyth Mires Favourable UK0030174 Keltneyburn Favourable UK0030274 Shingle Islands Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004381 Forest of Clunie		11			
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Favourable UK0012901 Ben Heasgarnich Favourable UK0012952 Meall na Samhna Favourable UK0030123 Craighall Gorge Favourable UK0030152 Dun Moss and Forest of Alyth Mires Favourable UK0030174 Keltneyburn Favourable UK0030274 Shingle Islands Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004061 Loch of Lintrathen Favourable UK9004381 Forest of Clunie					
Favourable UK0012952 Meall na Samhna Favourable UK0030123 Craighall Gorge Favourable UK0030152 Dun Moss and Forest of Alyth Mires Favourable UK0030174 Keltneyburn Favourable UK0030274 Shingle Islands Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004061 Loch of Lintrathen Favourable UK9004381 Forest of Clunie					
Favourable UK0030123 Craighall Gorge Favourable UK0030152 Dun Moss and Forest of Alyth Mires Favourable UK0030174 Keltneyburn Favourable UK0030274 Shingle Islands Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004061 Loch of Lintrathen Favourable UK9004381 Forest of Clunie					
Favourable UK0030152 Dun Moss and Forest of Alyth Mires  Favourable UK0030174 Keltneyburn  Favourable UK0030274 Shingle Islands  Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004061 Loch of Lintrathen  Favourable UK9004381 Forest of Clunie					
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Favourable UK0030274 Shingle Islands Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004061 Loch of Lintrathen  Favourable UK9004381 Forest of Clunie					
Favourable UK0030312 River Tay  Special Protection Area (SPA)  Favourable UK9004061 Loch of Lintrathen  Favourable UK9004381 Forest of Clunie					
Special Protection Area (SPA)  Example 2 Favourable UK9004061 Loch of Lintrathen Favourable UK9004381 Forest of Clunie					
Area (SPA) Favourable UK9004381 Forest of Clunie	Special Protection	2			
ravourable UK9004361 Folest of Clume	-		i avouiable	UN3004001	Locit of Littlattien
UWWTD Sensitive 5 - UKS912713 Forfar Loch	Alea (SPA)		Favourable	UK9004381	Forest of Clunie
	UWWTD Sensitive	5	-	UKS912713	Forfar Loch

Area (Existing)	-	UKS9127120	Annaty Burn
	-	UKS9127127	Burrelton Burn
	-	UKS9127181	Dean Water (including Meigle Burn,
			Glamis Burn, Gairie Burn)
	-	UKS9127191	Dean Water

# Appendix 3: Flow Regulation

100203	Loch Ericht	Flow Regulation	Production of renewable electricity
100216	Loch Errochty	Flow Regulation	Production of renewable electricity
100220	Loch Tummel	Flow Regulation	Production of renewable electricity
100225	Loch of Lintrathen	Flow Regulation	Water collection, purification and distribution
100232	Loch an Daimh	Flow Regulation	Production of renewable electricity
100239	Loch Lyon	Flow Regulation	Production of renewable electricity
100240	Loch na Lairige	Flow Regulation	Production of renewable electricity
6508	R Almond (Source to	Flow Regulation	
	Fendoch Burn Confluence)		Production of renewable electricity
6537	Lornty Burn	Flow Regulation	Water collection, purification and distribution
6567	Melgam Water (Loch of Lintrathen to R Isla)	Flow Regulation	Water collection, purification and distribution
6568	Melgam Water (Backwater Reservoir to Loch of Lintrathen)	Flow Regulation	Water collection, purification and distribution
6568	Melgam Water (Backwater Reservoir to Loch of	Flow Regulation	
0504	Lintrathen)	Flam Damilation	Water collection, purification and distribution
6584	River Tummel (Loch Tummel to Loch Fascally)	Flow Regulation	Production of renewable electricity
6586	River Tummel (Loch	Flow Regulation	Production of renewable electricity
3333	Rannoch to Dunalastair Water)	1 ion regulation	Treatment of rene made discussion,
6593	Kinnaird Burn	Flow Regulation	Production of renewable electricity
6605	River Bruar	Flow Regulation	Production of renewable electricity
6608	Allt Anndeir	Flow Regulation	Production of renewable electricity
6611	Errochty Water	Flow Regulation	Production of renewable electricity
6620	Allt a Chreagain Odhair	Flow Regulation	Production of renewable electricity
6623	Killichonan Burn	Flow Regulation	Production of renewable electricity
6624	River Ericht (Loch Ericht to Loch Rannoch)	Flow Regulation	Production of renewable electricity
6630	Allt Chaldar	Flow Regulation	Production of renewable electricity
6631	Abhainn Duibhe	Flow Regulation	Production of renewable electricity
6639	River Lyon	Flow Regulation	Production of renewable electricity
6648	Allt Conait	Flow Regulation	Production of renewable electricity
6653	Lawers Burn	Flow Regulation	Production of renewable electricity
6655	Allt a'Mhoirneas	Flow Regulation	Production of renewable electricity
6657	Allt Breaclaich (Breaclaich Res to Loch Tay)	Flow Regulation	Production of renewable electricity
6659	Achmore Burn	Flow Regulation	Production of renewable electricity
6662	Auchlyne West Burn	Flow Regulation	Production of renewable electricity
6828	River Tummel (L Faskally to R Tay)	Flow Regulation	Production of renewable electricity
6829	Loch Faskally	Flow Regulation	Production of renewable electricity
6836	River Garry (Errochty Water Confluence to L	Flow Regulation	Production of renewable electricity

	Faskally)		
6911	River Garry from Garry Intake to Errochty Water confluence	Flow Regulation	Production of renewable electricity
6912	River Garry from Loch Garry to Garry Intake	Flow regulation	Production of renewable electricity

Appendix 3: Groundwater bodies chemistry classifications

WB		Chemistry Classification				Associated PDF
ID	Water body	2008	2015	2021	2027	location
	Newburgh bedrock and localised sand and gravel aquife	_	_			http://apps.sepa.org.uk/
150251	rs	Poor	Poor	Good	Good	rbmp/pdf/150251.pdf
450050		Poor	Cood	Cood	Cood	http://apps.sepa.org.uk/
150253	Ordie Burn Valley Sand and Gravel	F001	Good	Good	Good	rbmp/pdf/150253.pdf http://apps.sepa.org.uk/
150254	Forfar Sand and Gravel	Poor	Good	Good	Good	rbmp/pdf/150254.pdf
	Carse of Gowrie bedrock and localised sand and gravel					http://apps.sepa.org.uk/
150255	aquifers	Poor	Poor	Poor	Poor	rbmp/pdf/150255.pdf
						http://apps.sepa.org.uk/
150256	Dundee bedrock and localised sand and gravel aquifers	Poor	Good	Good	Good	rbmp/pdf/150256.pdf
450050		Door	Cood	Cood	Cood	http://apps.sepa.org.uk/
150258	Forfar bedrock and localised sand and gravel aquifers	Poor	Good	Good	Good	rbmp/pdf/150258.pdf http://apps.sepa.org.uk/
150259	Sidlaw Hills bedrock and localised sand and gravel aquifers	Poor	Good	Good	Good	rbmp/pdf/150259.pdf
						http://apps.sepa.org.uk/
150260	Perth bedrock and localised sand and gravel aquifers	Good	Good	Good	Good	rbmp/pdf/150260.pdf
	Vale of Strathmore bedrock and extensive sand and gra					http://apps.sepa.org.uk/
150261	vel aquifers	Good	Good	Good	Good	rbmp/pdf/150261.pdf
450000	Aboth be described in a first described and an extreme	Good	Good	Good	Good	http://apps.sepa.org.uk/ rbmp/pdf/150262.pdf
150262	Alyth bedrock and localised sand and gravel aquifers	Good	Good	Good	Good	http://apps.sepa.org.uk/
150263	Almond Valley Sand and Gravel	Poor	Good	Good	Good	rbmp/pdf/150263.pdf
100200	7oria Talley Garla alla Gravel					http://apps.sepa.org.uk/
150264	East Pow Valley Sand and Gravel	Poor	Good	Good	Good	rbmp/pdf/150264.pdf
						http://apps.sepa.org.uk/
150277	Crieff bedrock and localised sand and gravel aquifers	Good	Good	Good	Good	rbmp/pdf/150277.pdf
150270	Forn Valley Sand and Crayal	Poor	Good	Good	Good	http://apps.sepa.org.uk/ rbmp/pdf/150278.pdf
150278	Earn Valley Sand and Gravel	1 001	Coou	Cood	0000	http://apps.sepa.org.uk/
150285	Strathardle bedrock and localised sand and gravel aquif ers	Good	Good	Good	Good	rbmp/pdf/150285.pdf
						http://apps.sepa.org.uk/
150286	Black Water Valley Sand and Gravel	Good	Good	Good	Good	rbmp/pdf/150286.pdf
		Cood	Cood	Cood	Cood	http://apps.sepa.org.uk/
150287	Ericht Valley Sand and Gravel	Good	Good	Good	Good	rbmp/pdf/150287.pdf http://apps.sepa.org.uk/
150290	Upper Tay bedrock and localised sand and gravel aquif ers	Good	Good	Good	Good	rbmp/pdf/150290.pdf
100200		2304	2304	2304	2304	http://apps.sepa.org.uk/
150291	Upper Tay Valley Sand and Gravel	Good	Good	Good	Good	rbmp/pdf/150291.pdf
			_			http://apps.sepa.org.uk/
150292	Tummel Valley Sand and Gravel	Good	Good	Good	Good	rbmp/pdf/150291.pdf
450000	Clark to a Canada and Canada	Good	Good	Good	Good	http://apps.sepa.org.uk/ rbmp/pdf/150293.pdf
150293	Glen Lyon Sand and Gravel	Good	Good	G000	Good	10111p/pai/ 150293.paf

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450004	Garry and Loch Rannoch bedrock and localised sand a	Cood	Good	Good	Good	http://apps.sepa.org.uk/ rbmp/pdf/150294.pdf
150294	nd gravel aquifers	Good	Good	Good	Good	• • •
						http://apps.sepa.org.uk/
150295	Glen Garry Sand and Gravel	Good	Good	Good	Good	rbmp/pdf/150295.pdf
	Upper Spey bedrock and localised sand and gravel aqui					http://apps.sepa.org.uk/
150327	fers	Good	Good	Good	Good	rbmp/pdf/150327.pdf
	Spean and Loch Lochy bedrock and localised sand and					http://apps.sepa.org.uk/
150377	gravel aquifers	Good	Good	Good	Good	rbmp/pdf/150377.pdf