

## SCHEDULE 1

Licence	Scheme	Freshet condition number(s)	Fish lift / fish trap condition	Appendix	SEPA team
CAR/L/1011412/V2	Breadalbane	4.2.5	4.3.1	1	Perth
CAR/L/1011462/V2	Awe	4.2.2	4.3.1	2	West Highland & Argyll
CAR/L/1011463/V2	Shin	3.3.3, 3.3.5	4.3.3	3	North Highland
CAR/L/1011464/V2	Conon	4.2.2, 4.2.4, 4.2.6, 4.2.9	4.3.3	4	North Highland
CAR/L/1011467/V2	Beauly	4.2.6 & 4.2.7	4.3.2	5	Hebrides & Central Highland
CAR/L/1011471/V2	Ness	4.2.2, 4.2.5, 4.2.8	4.3.3	6	Hebrides & Central Highland
CAR/L/1011485/V2	Tummel	4.2.5, 4.2.10, 4.2.13	4.3.3	7	Perth/North Grampian & Speyside
CAR/L/1011854/V2	Shira	4.2.2	n/a	8	West Highland & Argyll
CAR/L/1011896/V2	Kingairloch	4.2.2	n/a	9	West Highland & Argyll
CAR/L/1010015/V2	Mucomir	n/a	4.3.3	10	West Highland & Argyll

### General Notes:

1. Unless stated otherwise all times referred to in this document shall be local times, i.e. GMT or BST as appropriate to the time of year.
2. All freshet volumes released are in addition to the compensation flows unless otherwise stated.
3. All freshet start and end times are approximate, however SSE will endeavour to deliver the freshets as close to the stated time as practicable.
4. All Borland fish passes to operate between the stated dates except for periods of essential maintenance as authorised in writing by SEPA.
5. Where a day of the week is specified as the start of a freshet, the first freshet of the season shall be delivered starting on the first such day in the freshet season.
6. Where a freshet starts within the freshet season but would end beyond the end date, the full duration of the freshet shall be delivered as if it was within the freshet season.

## SCHEDULE 2

### APPENDIX 1

#### CAR/L/1011412 V2 - Breadalbane

#### FRESHETS

#### Licence condition – 4.2.5

**NGR:** NN 5073 4200

**LOCATION:** Stronuich

**TOTAL AVAILABLE VOLUME:** 9,546,600 m<sup>3</sup> (in addition to compensation flows)

**FREQUENCY:** Release dates as specified below for 2017.

No	Day	Date	Month
1	Monday	17th	April
2	Friday	28th	April
3	Thursday	4th	May
4	Monday	8th	May
5	Wednesday	17th	May
6	Friday	26th	May
7	Friday	2nd	June
8	Tuesday	6th	June
9	Wednesday	14th	June
10	Thursday	22nd	June
11	Monday	26th	June
12	Friday	7th	July
13	Wednesday	12th	July
14	Friday	21st	July
15	Thursday	27th	July
16	Monday	31st	July
17	Tuesday	8th	August
18	Tuesday	15th	August
19	Friday	25th	August
20	Thursday	31st	August
21	Thursday	7th	September
22	Wednesday	13th	September
23	Thursday	21st	September
24	Friday	29th	September
25	Tuesday	3rd	October

**Three additional freshets will be available for release at the request of SEPA. Five working days' notice will be given for their release.**

**FRESHETS PROFILE:** Freshet release commences at 15:00 the stated day, continues for 20 hours, finishing at 11:00 the following day and releasing a total volume of 340,957 m<sup>3</sup>/d. 28 freshets lasting 20 hours are available per annum.

**TOTAL ALLOCATED VOLUME:** 9,546,796 m<sup>3</sup> per annum.

## SCHEDULE 2

### **BORLAND FISH PASSES**

#### **Licence condition – 4.3.1**

**NGR:** NN 5074 4192      **LOCATION:** Stronuich Dam

**OPERATING SEASON:** 1<sup>st</sup> April – 30<sup>th</sup> November (or following working day if 30<sup>th</sup> falls on a weekend or public holiday).

**NUMBER OF LIFTS PER DAY:** At least 3 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

**NGR:** NN 5437 3503      **LOCATION:** Lochay Fish Pass Weir

**OPERATING SEASON:** 1<sup>st</sup> March – 30<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 3 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

## SCHEDULE 2

### APPENDIX 2

#### CAR/L/1011462 V2 - Awe

### FRESHETS

#### Licence condition – 4.2.2

**NGR:** NN 0453 2868

**LOCATION:** Awe Barrage

**TOTAL AVAILABLE VOLUME:** 24,300,000 m<sup>3</sup> (in addition to compensation flows)

**FRESHET SEASON:** 1 May – 23 December

**FREQUENCY:** The following freshet regime shall be delivered subject to the baseline compensation flow being amended in the Awe CAR licence and the annual compensation and freshet totals not being exceeded:

- One freshet to be delivered to facilitate a kayaking event on the Saturday 29<sup>th</sup> April 2017. The freshet on this day shall deliver a volume of 300,000 m<sup>3</sup> over a period of 12 hours, i.e. the total flow including the compensation flow shall be increased to the equivalent of 1,500,000 m<sup>3</sup>/day, starting at 08:00 and finishing at 20:00.
- One freshet starting at 08:00 on the last Sunday in July and August, each of these freshets shall deliver a volume of 500,000 m<sup>3</sup> over one day (24 hours) i.e. the total flow including the compensation shall be increased to 1,500,000 m<sup>3</sup>/day.
- One freshet starting at 08:00 on the last Sunday in September. This freshet shall deliver a volume of 600,000 m<sup>3</sup> over one day (24 hours) i.e. the total flow including the compensation shall be increased to 1,500,000 m<sup>3</sup>/day.
- A total of six freshets, the first freshet commencing at 12:00 on the second Friday in October and commencing at 12:00 every second Friday thereafter. Where the sixth freshet would fall outside the freshet season above, it may be delivered earlier. Each freshet shall deliver a volume of 2,100,000 m<sup>3</sup> over three days (72 hours) i.e. the total flow including the compensation shall be increased to 1,500,000 m<sup>3</sup>/day.

**TOTAL ALLOCATED VOLUME:** 14,550,000 m<sup>3</sup>.

#### **SMOLT FRESHETS**

A 'smolt freshet' shall be released when the following conditions occur:

- There are reliable reports of a build-up of smolts upstream of the Awe Barrage (this is likely to be by the fisheries board bailiff and/or fisheries trust biologist),
- No main machine running at Inverawe because of insufficient water,
- No planned machine running at Inverawe due to insufficient water / forecast rainfall, and,
- SSE receive a written request from SEPA that a release be made.

Each smolt freshet shall consist of the following actions:

## SCHEDULE 2

- The flow will be maintained at the current level, i.e. either the normal compensation flow or a lower flow, based on the inflow to loch Awe (condition 4.2.3 of the licence allows that when the inflow to loch Awe falls below 15.785 m<sup>3</sup>/s the outflow shall be equal to the inflow).
- All the flow, apart from the fish pass flow, shall be passed via the freshet gate.
- The freshet will start on or about 19:00 and finish on or about 07:00 the following morning.

**Notwithstanding condition 4.2.3 of the licence which limits the required flow if the flows entering Loch Awe are less than 15.785 m<sup>3</sup>/s**

## SCHEDULE 2

### **BORLAND FISH PASSES**

#### **Licence condition – 4.3.1**

**NGR:** NN 0455 2870      **LOCATION:** Loch Awe Barrage

**OPERATING SEASON:** All year

**NUMBER OF LIFTS PER DAY:** 26<sup>th</sup> March – 30<sup>th</sup> September 4 per Day and 1<sup>st</sup> October – 25<sup>th</sup> March 2 per Day

**TIMING OF LIFTING PHASE:** From 26<sup>th</sup> March – 30<sup>th</sup> September, where possible, 3 during daylight and 1 at night. From 1<sup>st</sup> October to 25<sup>th</sup> March, 2 during daylight where possible.

**DURATION OF LIFTING PHASE:** 1 hour

## SCHEDULE 2

### APPENDIX 3

#### CAR/L/1011463 V2 – Shin

#### FRESHETS

##### Licence condition – 3.3.3

**NGR:** NC 3679 2029      **LOCATION:** Duchally

**TOTAL AVAILABLE VOLUME:** 2,864,038m<sup>3</sup>

**FRESHET SEASON:** 1<sup>st</sup> May – 30<sup>th</sup> September

**FREQUENCY:** 7 freshets per month.

**FRESHETS PROFILE:** 35 releases of 81,830 m<sup>3</sup>

No more than 3 consecutive daily (24hr) freshets.

If there is insufficient water for a freshet the allocation will be carried over to next month. Released when the flows start rising.

##### Licence condition – 3.3.5

**NGR:** NC 6321 1521      **LOCATION:** Dalnessie

**TOTAL AVAILABLE VOLUME:** 1,432,000m<sup>3</sup>

**FRESHET SEASON:** 1<sup>st</sup> April – 30<sup>th</sup> September

**FREQUENCY:** Released during periods of increased inflow.

**FRESHETS PROFILE:** 21 releases of 68,191m<sup>3</sup> where the natural flow upstream allows.

##### Additional Notes

SSE have highlighted that the releases from Dalnessie are flow dependant and will be discussing the operation with SEPA.

Previous River Shin freshet has been incorporated in the compensation flows in the licence.

## SCHEDULE 2

### **BORLAND FISH PASSES**

#### **Licence condition – 4.3.3**

**NGR:** NC 5749 0695      **LOCATION:** Lairg dam

**OPERATING SEASON:** 1<sup>st</sup> April – 31<sup>st</sup> December (or following working day if 31<sup>st</sup> December falls on a weekend or public holiday)

**NUMBER OF LIFTS PER DAY:** At least 3 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

**NGR:** NC 5817 0511      **LOCATION:** Loch Shin diversion dam

**OPERATING SEASON:** 1<sup>st</sup> April – 31<sup>st</sup> December (or following working day if 31<sup>st</sup> December falls on a weekend or public holiday)

**NUMBER OF LIFTS PER DAY:** At least 3 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

**NGR:** NC 3680 2027      **LOCATION:** Duchally intake

**OPERATING SEASON:** 1<sup>st</sup> April – 30<sup>th</sup> November (or following working day if 30<sup>th</sup> November falls on a weekend or public holiday)

**NUMBER OF LIFTS PER DAY:** At least 3 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour



## SCHEDULE 2

### APPENDIX 4

#### CAR/L/1011464 V2 – Conon

#### FRESHETS

##### Licence condition – 4.2.2

**NGR:** NH 3876 5797

**LOCATION:** Luichart

**TOTAL AVAILABLE VOLUME:** 11,592,530m<sup>3</sup>  
**FRESHET SEASON:** 1<sup>st</sup> June – 15<sup>th</sup> November

**FREQUENCY:** Twice per week

**FRESHETS PROFILE:** Freshet releases commence at 09:00 on Monday and continuing for 26 hours finishing at 11:00 on Tuesday and also on Friday at 09:00 continuing for 26 hours until 11:00 on Saturday. Each freshet shall release 159,110m<sup>3</sup>.

**TOTAL ALLOCATED VOLUME:** 7,637,280m<sup>3</sup>

##### Licence condition – 4.2.4

**NGR:** NH 3754 5600

**LOCATION:** Meig

**TOTAL AVAILABLE VOLUME:** 9,887,750m<sup>3</sup>

**FRESHET SEASON:** 1<sup>st</sup> June – 31<sup>st</sup> October

**FREQUENCY:** Once per week

**FRESHETS PROFILE:** Freshet releases commence at 09:00 on Thursday continuing for 24 hours until 09:00 on Friday. Each freshet shall release a minimum of 36,000m<sup>3</sup>.

**TOTAL ALLOCATED VOLUME:** 3,341,310m<sup>3</sup>

##### **ADDITIONAL NOTES**

The unallocated volumes may be considered for release here or elsewhere as part of measures to deliver the second cycle of the river basin management plan.

## SCHEDULE 2

### Licence condition – 4.2.6

**NGR:** NH 4026 5035

**LOCATION:** Orrin

**TOTAL AVAILABLE VOLUME:** 4,625,666 m<sup>3</sup>

**FRESHET SEASON:** 1<sup>st</sup> May – 30<sup>th</sup> June, where 1<sup>st</sup> May falls on a weekend freshets should commence on the preceding Friday.

**FRESHETS PROFILE:**

**ADDITIONAL NOTES**

### Licence condition – 4.2.9

The freshet volumes for the Blackwater are now available on request. These are being assessed as part of the review of the Glascarnoch/Vaich section of the Conon licence.

**NGR:** either Vaich dam NH 3461 7496 or Glascarnoch dam NH 3455 7073

**LOCATION:** Blackwater

**TOTAL AVAILABLE VOLUME:** 2,618,549m<sup>3</sup>

**FREQUENCY:** on request

**FRESHETS PROFILE:** As required

## BORLAND FISH PASSES

### Licence condition – 4.3.3

**NGR:** NH 3002 6148      **LOCATION:** Loch a' Chuilinn Dam

**OPERATING SEASON:** 1<sup>st</sup> July – 16<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 2 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

**NGR:** NH 3881 5798      **LOCATION:** Luichart Dam

**OPERATING SEASON:** 1<sup>st</sup> May – 16<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 2 lifts per day

## SCHEDULE 2

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

**NGR:** NH 3751 5602      **LOCATION:** Meig Dam

**OPERATING SEASON:** 1<sup>st</sup> May – 16<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 2 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

**NGR:** NH 4026 5035      **LOCATION:** Orrin Dam

**OPERATING SEASON:** See freshet for operation details.

**Additional Notes:**

The Orrin Borland lift only acts as a mechanism for downstream passage. The fish trap below covers the upstream passage.

**NGR:** NH 4462 5454      **LOCATION:** Loch Achonachie Dam

**OPERATING SEASON:** 1<sup>st</sup> April – 30<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 2 per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

## SCHEDULE 2

### FISH TRAPS

#### Licence condition – 4.3.3

**NGR:** NH 4041 5028

**LOCATION:** Orrin Dam

**TYPE:** Adult Fish Trap

**OPERATING SEASON:** 1<sup>st</sup> August – 30<sup>th</sup> November or other dates as agreed in writing, by exchange of emails between SEPA and SSE no less than 2 working days before the change is put into effect.

**NGR:** NH 3081 6181

**LOCATION:** Achanalt Dam

**TYPE:** Smolt Trap

**OPERATING SEASON:** 1<sup>st</sup> April – 15<sup>th</sup> June or other dates as agreed in writing, by exchange of emails between SEPA and SSE no less than 2 working days before the change is put into effect.

**CAR LICENCE:** CAR/L/1011873

**NGR:** NH 4285 5923

**LOCATION:** Loch na Croic

**TYPE:** Adult trap

**OPERATING SEASON:** Unless otherwise agreed with SEPA in writing, the fish trap shall be maintained and operated to facilitate the free passage of fish at all times except during the period 1 June to 31 December inclusive, during which time screens effective for preventing the passage of adult migratory fish may be provided.

## SCHEDULE 2

### APPENDIX 5

#### CAR/L/1011467 V2 - Beauly

#### FRESHETS

##### Licence condition – 4.2.6 & 4.2.7

**NGR:** NH 3255 3933

**LOCATION:** Beannachran

**TOTAL AVAILABLE VOLUME:** 13,638,000 m<sup>3</sup> (in addition to compensation flows.)

**FREQUENCY:** To be released once per week commencing on the first Thursday in July on 15 occasions.

**FRESHETS PROFILE:** Freshet releases commence at 09:00 on Thursday continuing for 56 hours until 17:00 on Saturday. Each freshet shall release 910,136 m<sup>3</sup>.

**TOTAL ALLOCATED VOLUME:** 13,652,040 m<sup>3</sup>.

#### BORLAND FISH PASSES

##### Licence condition – 4.3.2

**NGR:** NH 3257 3936

**LOCATION:** Beannachran Dam

**OPERATING SEASON:** 1<sup>st</sup> May – 30<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 3 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

**NGR:** NH 4743 4365

**LOCATION:** Aigas Dam

**OPERATING SEASON:** 1<sup>st</sup> April – 30<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 2 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

## **SCHEDULE 2**

**NGR:** NH 4940 4421

**LOCATION:** Kilmorack Dam

**OPERATING SEASON:** 1<sup>st</sup> April – 30<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 2 lifts per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

## SCHEDULE 2

### APPENDIX 6

#### CAR/L/1011471 V2 - Ness

#### FRESHETS

##### Licence condition – 4.2.2

The freshet volumes for the Cluanie are not delivered at present but available on request.

**NGR:** NH 1845 0981

**LOCATION:** Cluanie

**TOTAL AVAILABLE VOLUME:** 8,000,960 m<sup>3</sup>

##### Licence condition – 4.2.5

**NGR:** NH 3572 1565

**LOCATION:** Dundreggan

**TOTAL AVAILABLE VOLUME:** 43,778,866 m<sup>3</sup>

**FRESHET SEASON:** 1<sup>st</sup> May -31<sup>st</sup> October

**FREQUENCY:** Once per week

**FRESHETS PROFILE:** Freshet releases commence at 11:00 on Tuesday continuing for 29 hours until 16:00 on Wednesday.

Except for weeks beginning 5<sup>th</sup> June, 10<sup>th</sup> July, 31 July, and 4<sup>th</sup> September when the freshets shall be released as follows;

- Saturday 10<sup>th</sup> June starting at 09:00 continuing for 29 hours until 14:00 on Sunday.
- Saturday 15<sup>th</sup> July starting at 09:00 continuing for 29 hours until 14:00 on Sunday.
- Saturday 5<sup>th</sup> August starting at 10:00 continuing for 32 hours until 18:00 on Sunday.
- Saturday 9<sup>th</sup> September starting at 05:00 continuing for 29 hours until 10:00 on Sunday.

Each freshet shall release a minimum of 736,467 m<sup>3</sup>

**NATURAL SPATES:** The freshets at Dundreggan take into account natural spates and count one natural spate as one freshet.

**TOTAL ALLOCATED VOLUME:** 19,148,142 m<sup>3</sup>.

## SCHEDULE 2

### Licence condition – 4.2.8

**NGR:** NH 2759 0202

**LOCATION:** Garry (Invergarry)

**TOTAL AVAILABLE VOLUME:** 27,640,239 m<sup>3</sup>

**FRESHETS PROFILE:** Freshet release commences at 08:00 on the stated day and continuing for 20 hours until 04:00 on the following day.

Each freshet shall release a volume of 684,225 m<sup>3</sup>.

40 such freshets shall be released per annum as per the table below. Except freshets delivered on the Saturday 29<sup>th</sup> July and Sunday 10<sup>th</sup> September which will commence at 06:00 and continue for 13 hours until 19:00 releasing 444,746 m<sup>3</sup>.

**TOTAL ALLOCATED VOLUME:** 27,369,000 m<sup>3</sup>

<b>No</b>	<b>DAY</b>	<b>DATE</b>	<b>MONTH</b>
1	Thursday	23 <sup>th</sup>	March
2	Thursday	30 <sup>st</sup>	March
3	Thursday	6 <sup>th</sup>	April
4	Saturday	8 <sup>th</sup>	April
5	Thursday	13 <sup>th</sup>	April
6	Thursday	20 <sup>st</sup>	April
7	Friday	28 <sup>th</sup>	April
8	Saturday	29 <sup>th</sup>	April
9	Thursday	4 <sup>th</sup>	May
10	Saturday	13 <sup>th</sup>	May
11	Thursday	18 <sup>th</sup>	May
12	Thursday	25 <sup>th</sup>	May
13	Saturday	27 <sup>th</sup>	May
14	Thursday	1 <sup>st</sup>	June
15	Thursday	8 <sup>th</sup>	June
16	Friday	9 <sup>th</sup>	June
17	Thursday	15 <sup>th</sup>	June
18	Thursday	29 <sup>th</sup>	June
19	Saturday	1 <sup>st</sup>	July
20	Thursday	6 <sup>th</sup>	July
21	Saturday	8 <sup>th</sup>	July
22	Thursday	13 <sup>th</sup>	July
23	Saturday	15 <sup>th</sup>	July
24	Thursday	20 <sup>st</sup>	July
25	Thursday	27 <sup>th</sup>	July
26	Saturday	29 <sup>th</sup>	July
27	Thursday	3 <sup>rd</sup>	August
28	Saturday	5 <sup>th</sup>	August
29	Thursday	10 <sup>th</sup>	August
30	Saturday	12 <sup>th</sup>	August
31	Thursday	17 <sup>th</sup>	August
32	Thursday	24 <sup>th</sup>	August



## SCHEDULE 2

<b>33</b>	Thursday	31 <sup>st</sup>	August
<b>34</b>	Sunday	10 <sup>th</sup>	September
<b>35</b>	Thursday	14 <sup>th</sup>	September
<b>36</b>	Thursday	21 <sup>nd</sup>	September
<b>37</b>	Thursday	5 <sup>th</sup>	October
<b>38</b>	Thursday	12 <sup>th</sup>	October
<b>39</b>	Thursday	19 <sup>th</sup>	October
<b>40</b>	Thursday	26 <sup>th</sup>	October

### **BORLAND FISH PASSES**

#### **Licence condition – 4.3.3**

**NGR:** NH 2760 0203      **LOCATION:** Invergarry Dam

**OPERATING SEASON:** 1<sup>st</sup> March – 30<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 3 per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

**NGR:** NH 3574 1562      **LOCATION:** Dundreggan Dam

**OPERATING SEASON:** 1<sup>st</sup> March – 30<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 3 per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

## SCHEDULE 2

### APPENDIX 7

#### CAR/L/1011485 V2 - Tummel

#### FRESHETS

##### Licence condition – 4.2.5

The freshet volumes for Errochty are currently used to supplement the compensation flows.

##### Licence condition – 4.2.10

**NGR:** NN 7215 5912      **LOCATION:** Dunalastair

**TOTAL AVAILABLE VOLUME:** 20,454,000 m<sup>3</sup> (including the compensation flow)

**FRESHET SEASON:** From June to November

**FREQUENCY:** 15 releases to meet the above volume.

No.	Day	Start Date	Month
1	Monday	5	June
2	Wednesday	14	June
3	Friday	30	June
4	Wednesday	5	July
5	Monday	17	July
6	Friday	28	July
7	Monday	7	August
8	Wednesday	16	August
9	Friday	25	August
10	Wednesday	6	September
11	Monday	18	September
12	Friday	29	September
13	Monday	9	October
14	Wednesday	18	October
15	Monday	30	October

**FRESHETS PROFILE:** Freshet releases commence at 14:00 on the stated day continuing for 47 hours until 13:00 on day three. Each freshet shall release 414,383 m<sup>3</sup>.

Except from the following two freshets:

- Freshet on Friday 30<sup>th</sup> June will commence at 14:00 and continue for 47 hours until 13:00 on the following Sunday. This freshet shall release 414,383 m<sup>3</sup>
- Freshet on Friday 25<sup>th</sup> August will commence at 14:00 and continue for 47 hours until 13:00 on the following Sunday. This freshet shall release 414,383 m<sup>3</sup>

**TOTAL ALLOCATED VOLUME:** 13,092,744 m<sup>3</sup>/day (in addition to the compensation flow)

## SCHEDULE 2

### Licence condition – 4.2.13

**NGR:** NN 8843 6027      **LOCATION:** Clunie

**TOTAL AVAILABLE VOLUME:** 14,320,190 m<sup>3</sup>

**FRESHET SEASON:** 1<sup>st</sup> June – 30<sup>th</sup> September

**FRESHETS PROFILE:** Freshets shall be released weekly and shall commence at 16:00 on Friday continuing for 64 hours until 08:00 on Monday. Each freshet shall release 976,896 m<sup>3</sup>.

**TOTAL ALLOCATED VOLUME:** 14,653,440 m<sup>3</sup>.

### BORLAND FISH PASSES

#### Licence condition – 4.3.3

**NGR:** NN 4607 5680      **LOCATION:** Loch Eigheach dam

**OPERATING SEASON:** 1<sup>st</sup> March – 15<sup>th</sup> May (or following working day) – on flow through settings  
16<sup>th</sup> May -30<sup>th</sup> November (or following working day) – on lift cycle settings

**NUMBER OF LIFTS PER DAY:** At least 3 per day

**TIMING OF LIFTING PHASE:** During daylight where possible

**DURATION OF LIFTING PHASE:** 1 hour

## SCHEDULE 2

### APPENDIX 8

CAR/L/1011854 V2 - Shira

#### FRESHETS

##### Licence condition – 4.2.2

**NGR:** NN 1274 1350      **LOCATION:** Shira

**TOTAL AVAILABLE VOLUME:** 2,909,499 m<sup>3</sup>

**FRESHET SEASON:** Freshet releases commence on the first Monday in June and continue every second Monday thereafter until a total of eight releases has been made.

**FRESHETS PROFILE:** Freshet releases commence on Monday at 10:00 continuing for 48 hours until 09:00 on Wednesday. Each freshet shall release 363,688 m<sup>3</sup>.

**TOTAL ALLOCATED VOLUME:** 2,909,504 m<sup>3</sup>

## SCHEDULE 2

### APPENDIX 9

#### CAR/L/1011896 V2 - Kingairloch

#### FRESHETS

##### Licence condition – 4.2.2

**NGR:** NM 8102 5469 **LOCATION:** Kingairloch – Loch Uisge Dam

**TOTAL AVAILABLE VOLUME:** 64,800 m<sup>3</sup>.(including the compensation flow)

**FRESHET SEASON:** 1<sup>st</sup> May to 31<sup>st</sup> August

**FREQUENCY:** 3 per month for a total of 12 freshets.

**FRESHETS PROFILE:** Each freshet shall last for 10 hours and shall release a volume of 4,320 m<sup>3</sup>.

**NATURAL SPATES:** Spill from the dam counts towards the freshet volume.

**TOTAL ALLOCATED VOLUME:** 51,840 m<sup>3</sup> (in addition to the compensation flow)

## SCHEDULE 2

### APPENDIX 10

#### CAR/L/1010015 V2 - Mucomir

#### BORLAND FISH PASSES

##### Licence condition – 4.3.3

**NGR:** NN 1834 8386

**LOCATION:** Mucomir Barrage

**OPERATING SEASON:** 1<sup>st</sup> April – 30<sup>th</sup> November (or following working day)

**NUMBER OF LIFTS PER DAY:** At least 4 lifts per day

**TIMING OF LIFTING PHASE:** Where possible 3 during daylight and 1 at night

**DURATION OF LIFTING PHASE:** 1 hour