# Scottish Invasive Species Initiative

# Site Case Study

**<*name of site (including catchment)>***

Summary*<Brief summary of what the site study covers; the site name, species tackled, the outcomes etc >*

### 1. Site description

*<Site location; river & which bank, nearest village/town & county, OS Grid Ref. length/size of site.>*

*<insert map highlighting the site>*

*<Site ownership/partners>*

*<Physical properties of site; wooded/field edge, floodplain/bank, footpaths etc. Any designated areas; SSSI etc. Any native species/flora of note>*

### 2. Background

*<Outline the issue, the impacts of invasives on site (e.g. outcompeting native flora, bank collapse, amenity etc>*

*<Any relevant information regarding how management was initiated, relevance into wider management strategy, any previous management work, community concerns, partners working with etc.>*

### 3. Management works

*< short description of management works undertaken and any explanatory notes, e.g. why various control methods were used >*

**Table 1** below shows a summary of the control treatments.

*Table 1 – Summary of control treatments*

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Invasive species being controlled** | **Who completed control work** | **Control work – date and control method** |
| 2018 |  | *<Project staff, volunteers, contractors, land managers etc>* | *<date – control method>*  *<date – control method>* |
| 2019 |  |  |  |
| 2020 |  |  |  |
| 2021 |  |  |  |

### 4. Results

4.1 Invasive species abundance

*<short description and explanations or further observations about abundance, regrowth etc>*

The abundance of invasive species was measured using the DAFOR scale and is shown in **Table 2** below.

*Table 2 - Annual <plant species> abundance from surveys (2018 – 2021) at <site name>*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Site name** | **<Plant species> abundance by year (DAFOR\* scale)** | | | |
| **2018** | **2019** | **2020** | **2021** |
| *<site name>* |  |  |  |  |

**\* - DAFOR Scale of abundance –** D = Dominant (50 – 100% cover), A = Abundant (30 – 50% cover), F = Frequent (15 – 30% cover), O = Occasional (5 – 15 % cover), R = Rare (<5% cover)

**Before and After images**

|  |  |  |
| --- | --- | --- |
| Figure 1a.  *< Image title / description/date>* |  | Figure 1b.  *< Image title / description/date>* |
|  |  |  |

4.2 Chemical usage

*<any notes about chemical used, dilution etc>*

*Table 3 – Volume of glyphosate used to control <plant species> (2018 – 2021) at <site name>*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Site name** | **Glyphosate used (litres) by year** | | | |
| **2018** | **2019** | **2020** | **2021** |
| *<site name>* |  |  |  |  |
|  |  |  |  |  |

4.3 People effort

*<summary and any notes about staff, volunteers, partners, number of people involved etc>*

*Table 4 – People hours used to control <plant species> (2018 – 2021) at <site name>*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Site name** | **Hours of control work by year** | | | |
| **2018** | **2019** | **2020** | **2021** |
| *<site name>* |  |  |  |  |
|  |  |  |  |  |

### 5. Conclusions and Progress Made

*<conclusions based on results, outcomes over time, significant observations etc>  
<successes, any lessons learnt etc>*

### 6. Next Steps

<future control works required>

### Additional Images (if required)

*<insert images that show change across subsequent years - a/b/c>*

|  |  |  |
| --- | --- | --- |
| Figure 2a.  *< Image title / description/date>* |  | Figure 2b.  *< Image title / description/date>* |
|  |  |  |
| Figure 2c.  *< Image title / description/date>* |  |  |
|  |  |  |

### Further information

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