**RISK ASSESSMENT - Thwaites Mill - Thwaite Mills Watermill Museum Thwaite Lane, Stourton Leeds LS10 1RP - LS101RP
APPROVED Work Description: Scrub clearance and allotment creation** **Assessment Date: 30th June 2009 - Valid to: 28th June 2010**

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| **Activity** |   |   |
| **Fencing activities**  | **Typical uncontrolled outcomes**Ill Health from chemical ingestion; sprains and bruises; minor cuts; concussion; broken fingers.  | **Typical groups at risk**Worker (inc. volunteers); other users of the site.  |
| **Hazards** 1. Handling wire (new and reclaimed)
2. Contact with hand tools generally
3. Use of mell and post driver
4. Slips, trips and falls
 | **Controls** 1. Protective gloves will be worn when handling treated timber and all wire.
2. Lose ends of wire rolls will be weighted or fixed firmly before wire is unrolled.
3. Holes must be covered when the site is left unattended.
4. Fence line must be kept free of obstructions to prevent slips and trips.
5. Work must be organised according to BTCV handbooks.
6. Helmets must be worn when post driver and mell is used.
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| **General Conservation Activities**  | **Typical uncontrolled outcomes**Minor cuts and bruises; burns; lower back pain; verbal abuse; electric shock; contracting disease; blisters; sunburn.  | **Typical groups at risk**Volunteers; workers; members of the public.  |
| **Hazards** 1. Contact with plant sap
2. Weather conditions.
3. Contact with hand tools
4. Contact with micro-organisms such as tetanus, Leptospirosis
5. Slips, trips and falls
6. Manual handling
7. Abuse/attack from member of the public
8. Brown tailed moth
9. Abuse of vulnerable client group
 | **Controls** 1. Keep site and materials tidy.
2. Plan any lifting, train in simple lifting procedures and provide carrying aids e.g. wheelbarrow.
3. Use and maintain tools according to BTCV hand tools booklet.
4. Sturdy footwear must be worn.
5. Leave no one isolated on site.
6. Wash hands before eating drinking and smoking. Protect any cuts, advise all workers to ensure tetanus inoculation. Avoid contact with stream or pond water.
7. Wear long sleeves when working close to hazardous plants. Identify any on site, was exposed skin thoroughly after work.
8. Advise workers to keep skin covered, and use high factor sun cream on exposed skin. Stop work when weather conditions deteriorate.
9. Park vehicle to unload away from traffic. Use tape, warning signs and cones where appropriate. Longer roadside working to follow legislative requirements. Post outlook to slow traffic whilst vehicles are manoeuvring.
10. Park vehicles to enable quick access and departure in case of emergency.
11. Train all in safe lifting, carrying and moving techniques.
12. Identify any brown tailed moth colonies before starting work, clear treat with Pyrethoid based pesticide. Or remove using hand tools and wearing gloves. Move nests away from work area or place in a strong plastic bag which must be sealed and disposed of. Wash hands and handtools after moving nests.
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| **Pond, stream and wetland work**  | **Typical uncontrolled outcomes**Death by drowning; cuts and bruises; leptospirosis; hepatitis; ill health; back and other muscle strains.  | **Typical groups at risk**Practical workers.  |
| **Hazards** 1. Deep or fast flowing water
2. Manual handling wet materials
3. Contact with rats urine, faeces and other bio-hazards
4. Slips, trips and falls
 | **Controls** 1. Wash hands with soap and water before eating, drinking or smoking.
2. Ensure workers have a firm stable stance before using tools or handling wet material.
3. Move wet materials using barrows or other handling aids.
4. Inform workers that wet material is heavier than its dry counterpart.
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| **Bramble clearance** (locally added activity) | **Hazards** 1. Prickles
 | **Controls** 1. Workers to wear long-sleeved clothing - trousers and leather gloves
2. Cut waste to manageable size and stack out of harms' way
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| **Scrub Clearace** (locally added activity) | **Hazards** 1. Repetative bending
 | **Controls** 1. Take adequate breaks and bend with the knees
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| **Local/Site Specific**  | **Hazards** 1. Giant Hogweed on site
2. Deep water and sheer walls in the milrace
 | **Controls**1. Volunteers warned of the risks, No volunteers to cut around Hogweed
2. Volunteers warned of the risks
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| **Special groups at risk:** - Public - Schoolchildren - Young workers -  |
| **PPE needed:** - Hard hats - High visibility vests - Leather gloves - Safety boots -  |

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| **First aid cover:**  | First Aid at Work   |
| **Emergency access:**  | Thwaites Lane   |
| **Nearest 24 hr A&E dept:**  | LGI   |
| **Mobile phone reception:**  | Yes   |
| **Nearest telephone:**  | Museum reception   |
| **Nearest toilets:**  | museum   |
| **4wd or air ambulance needed:**  |   |

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| **Heavy, sustained or repetitive manual handling involved?** ***no*** |

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| **Completed by:** | p.reddell |
| **Approved by:** | p.reddell |