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**INVASIVE SHRUB REMOVAL COST-SHARE PROGRAM**

Thank you for your interest in the Village's Invasive Shrub Removal Cost-Share Program. The Program requirements are authorized by "An Ordinance Providing for Ecological Cost-Share Programs in the Village of Riverwoods" and are subject to such ordinance, as from time to time amended. Invasive shrubs include but are not limited to common & glossy buckthorn (*Rhamnus* sp.), honeysuckle (*Lonicera* sp.), burning bush (*Euonymus alatus*), and Japanese barberry (*Berberis thunbergii*). All of these species are on the Illinois Invasive Plant List.

An Ecological Consultation and approval from the Village Ecologist is required prior to applying for the Invasive Shrub Removal Program. Follow up planting (typically with native seed) may be required after removing heavy infestations of invasive shrubs to help prevent them from returning. Attached you will find the Application and Contractor Specifications. **Please read all requirements carefully and complete the checklist before submitting your completed application.** The Invasive Shrub Removal Program is 1-year 50/50 cost-share program. The Village's share limit is \$2,000. There is a \$100 non-refundable application fee. Note: the Village will not reimburse an applicant who performs the work themselves rather than hiring a qualified contractor.

The intent of the Invasive Shrub Removal Program is to encourage applicants to remove invasive shrubs from their property thereby improving the ecological health by removing competition and increasing the opportunity for desirable native plants to grow and thrive. It requires an assessment by the Village Ecologist of the existing conditions and preparation of a map that includes the general area where proposed work is to be performed. The applicant is encouraged to hire a qualified contractor to remove invasive shrubs per the attached Contractor Specifications and Performance Standards.

To be eligible to participate in the program, the applicant must certify that they will comply with all requirements set forth in this packet. The property owner is responsible for property locations and staking their property lines. Note: This program does not apply to removal of dead shrubs.

All invasive shrubs (i.e. buckthorn, honeysuckle, burning bush, and/or Japanese barberry) on the subject property must be designated for removal in order to be eligible for the matching funds. For larger lots, the Village Ecologist may approve a phased approach that can be accomplished over more than one year. Invasive shrubs can be removed by hand, roots and all, or be removed by cutting near the base and grinding out the stumps. Exposed stumps of cut shrubs must be herbicided immediately to help prevent re-sprouts. Stump herbiciding is not required when removing roots or grinding out stumps. The work **must** also include a follow up herbicide treatment to target resprouts. Resprouts should be treated at least two months following initial removal that is completed early in the growing season (May/June/July). Resprouts should be treated in mid to late spring (May/June) if removal work is completed during winter months.

After the application is approved by the Village Ecologist, the applicant will receive a permit from the Village to proceed with the work as proposed in the application. After the invasive shrubs are removed/herbicided and second herbicide treatment applied to resprouts, notify the Village and the Village Ecologist will conduct a site visit to verify the work has been completed per the approved Application, Contractor Specifications, and Performance Standards. The reimbursement request is then forwarded to the Village Board for approval. Reimbursement can be expected in 1 to 3 months following the approval of work.

**Application Process and Cost-Share Basis:**

1. An Ecological Consultation is required via the Village's Ecological Consultation Cost-Share Program prior to applying for the Invasive Shrub Removal Cost Share Program. During the Ecological Consultation, the Village Ecologist will walk the site with the applicant and create a Cost-Share Program Eligibility Map that includes a recent aerial of the lot with a general delineation of the invasive shrub removal area(s) that were

discussed during the Ecological Consultation. Contractor implementation Specifications related to invasive shrub removal will also be provided with the map.

- 2. The Invasive Shrub Removal Program is a 1-year 50/50 cost-share program. The Village’s share limit is \$2,000. There is a \$100 non-refundable application fee.

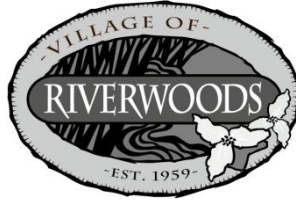
**Checklist for Invasive Shrub Removal Program:**

- 1. Conduct the required Ecological Consultation (to delineate removal area(s)) with the Village Ecologist.
- 2. Receive map and Specifications (completed by Village Ecologist) including Invasive Shrub Removal Program information packet and application from the Village. The Application form is attached but can also be obtained from Village Hall or by downloading from the Village Website.
- 3. Receive permit from Village then hire a qualified contractor to perform invasive shrub removal per the provided map, Contractor Specifications, and Performance Standards.
- 4. Following the second herbicide treatment, submit a copy of the paid contractor invoice to the Village Hall and request a final inspection (after follow-up re-sprout treatment) by the Village Ecologist. The Village Ecologist will inspect the work, review the contractor invoice, and contact the applicant, if necessary, for clarification and approve the payment of reimbursement from the Village. The Village Board will then approve the reimbursement payment to the applicant. Reimbursement by the Village can be expected approximately 1 to 3 months after approval of work.

The following table provides a general estimate of what the applicant can expect to spend per acre to remove and conduct a follow up herbicide treatment to invasive shrubs based on density:

<u>Density of Infestation</u>	<u>Cost of Removal (per acre)</u>
Light	\$1,500 - \$2,500
Medium	\$2,500 - \$3,500
Heavy	\$3,500 - \$6,000

**\*Costs may differ when root balls are removed or ground out by contractor**



**Invasive Shrub Removal Cost-Share Program Application**

Owner's Name:	Owner's Telephone:	For Village Use	Permit Number	Fee \$100	Issue Date	Exp. Date
Owner's Address:		Comments:				
Contractor's Name:	Contractor's Telephone:					
Contractor's Address:						
Contractor's e-mail:						
Contact Person (normal hours and emergency):						

**Attach copy of Contractor's Certificate of Insurance & Herbicide Applicators License.**

**Description of Planned Work**

Provide a brief description of proposed work including intent or purpose (attach Program Eligibility Map/Plan if applicable)


**Contractor Contract & Applicant Reimbursement**

1) Total amount of contract	\$
2) Total amount of Village reimbursement requested (50% limit \$2,000)	\$
3) Attach copy of executed contract	

**Owner Statement of Certification and Village Approval**

I, owner of the property shown on the drawing in Riverwoods, Illinois, do hereby state that I am familiar with and certify that all work will be completed in accordance with the Program Eligibility Map/Plan and Contractor Specifications.	For Village Use	Approved by Village:	
Owner Signature:	Date:	Permit Sign Off Signature:	Date:
		Performance Standard Sign Off Signature:	Date:
Owner Printed Name:		Printed Name:	

**CONTRACTOR SPECIFICATIONS FOR INVASIVE SHRUB REMOVAL, CONTROL & DISPOSAL**

## PART 1 GENERAL

## 1.1 DESCRIPTION

- A. THESE SPECIFICATIONS INCLUDE THE REMOVAL, CONTROL, AND DISPOSAL OF INVASIVE SHRUBS.

## 1.2 QUALITY ASSURANCE

- A. QUALIFICATIONS OF WORKMEN: PROVIDE AT LEAST ONE PERSON WHO SHALL BE PRESENT AT ALL TIMES DURING EXECUTION OF THIS PORTION OF THE WORK, WHO SHALL BE THOROUGHLY FAMILIAR WITH THIS TYPE OF WORK AND THE TYPE OF MATERIALS BEING USED. SAID PERSON SHALL BE COMPETENT AT IDENTIFICATION OF INVASIVE SHRUBS (BUCKTHORN, HONEYSUCKLE, &/OR BURNING BUSH) TO BE CUT AND TO BE PRESERVED DURING THE SEASON (SPRING, SUMMER, AND FALL) WORK IS TO BE COMPLETED. SAID PERSON SHALL ALSO DIRECT ALL WORK PERFORMED UNDER THIS SECTION.
- B. THE VILLAGE MUST HAVE APPROVED THE PROPOSED WORK.
- C. SPECIAL ATTENTION SHALL BE APPLIED TO THOSE AREAS WHERE INVASIVE SHUBS ARE TO BE REMOVED VIA CUTTING, ROOT BALL REMOVAL, AND STUMP HERBICIDING.
- D. STANDARDS: ALL MATERIALS USED DURING THIS PORTION OF THE WORK SHALL MEET OR EXCEED APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL LAWS AND REGULATIONS. THE USE OF ANY HERBICIDE SHALL FOLLOW DIRECTIONS GIVEN ON THE HERBICIDE LABEL. IN THE CASE OF A DISCREPANCY BETWEEN THESE SPECIFICATIONS AND THE HERBICIDE LABEL, THE LABEL SHALL PREVAIL.

## 1.3 SUBMITTALS

- A. LICENSES: PRIOR TO ANY HERBICIDE USE THE CONTRACTOR SHALL SUBMIT TO THE VILLAGE A CURRENT COPY OF THE STATE OF ILLINOIS COMMERCIAL PESTICIDE APPLICATOR'S LICENSE, WITH CERTIFICATION IN THE FORESTRY CATEGORY, FOR EACH PERSON WHO WILL BE APPLYING HERBICIDE AT THE PROJECT SITE.

## PART 2.PRODUCTS

## 2.1 MATERIALS

- A. HERBICIDE TO BE USED FOR STUMP APPLICATIONS SHALL BE TRICLOPYR: 3,5,6-TRICHLORO-2-PYRIDINYLOXYACETIC ACID, BUTOXYETHYL ESTER, TRADE NAME GARLON 4 OR EQUIVALENT.
- B. HERBICIDE TO BE USED FOR FOLIAR APPLICATIONS (RESPROUTS) SHALL BE TRICLOPYR: 3,5,6-TRICHLORO-2-PYRIDINYLOXYACETIC ACID, BUTOXYETHYL ESTER, TRADE NAME GARLON 3 OR EQUIVALENT.

## PART 3.EXECUTION

## 3.1 REMOVAL METHOD

- A. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF OFF-SITE ALL WOODY MATERIAL WITHIN THE REMOVAL LIMITS (OUTLINED ON PROGRAM ELIGIBILITY MAP) AS SPECIFIED BELOW UNLESS THE OWNER DESIRES TO USE MULCHED MATERIAL FOR OTHER PURPOSES ON THE SITE. CUT WOODY MATERIAL CAN ALSO BE BURNED (IN PILES) ONSITE BUT MUST BE KEPT OUT OF ECOLOGICALLY SENSITIVE AREAS.
- 1) REMOVE ALL INVASIVE SHRUBS (E.G. BUCKTHORN, HONEYSUCKLE, BURNING BUSH, JAPANESE BARBERRY, ETC.).
  - 2) PRESERVE ALL OTHER SPECIES.
- B. INVASIVE SHRUBS SHALL BE REMOVED METHANICALLY BY PULLING, STUMP GRINDING, OR DIGGING OUT. INVASIVE SHRUBS CAN ALSO BE REMOVED METHANICALLY BY CUTTING AT A HEIGHT OF NO MORE THAN 2 INCHES ABOVE THE SOIL OR WATER SURFACE WITH HAND TOOLS INCLUDING, BUT NOT NECESSARILY LIMITED TO, GAS POWERED CHAIN SAWS, GAS

- POWERED CLEARING SAWS, BOW SAWS, AND LOPPERS, AND TREATING IMMEDIATELY WITH SPECIFIED HERBICIDE.
- C. A SUPPLY OF CHEMICAL ABSORBENT SHALL BE MAINTAINED AT THE PROJECT SITE. ANY CHEMICAL SPILLS SHALL BE PROPERLY CLEANED UP AND REPORTED TO THE VILLAGE WITHIN 24 HOURS.
- 3.2 FOLLOW UP HERBICIDE APPLICATION METHOD
- A. FOLLOW UP FOLIAR HERBICIDE APPLICATIONS TO RESPROUTS SHALL BE CONDUCTED AT LEAST TWO MONTHS FOLLOWING INITIAL SHRUB REMOVAL COMPLETED EARLY IN THE GROWING SEASON (MAY/JUNE/JULY). RESPROUTS SHALL BE TREATED IN MID TO LATE SPRING (MAY/JUNE) IF INITIAL SHRUB REMOVAL IS COMPLETED DURING FALL/WINTER MONTHS (NOV-MAR).
  - C. THE HERBICIDE FOR FOLIAR APPLICATION SHALL BE TRICLOPYR: 3,5,6-TRICHLORO-2-PYRIDINYLOXYACETIC ACID, BUTOXYETHYL ESTER, TRADE NAME GARLON 3 OR EQUIVALENT. RODEO SHALL BE USED IN AREAS OF STANDING WATER.
  - B. HERBICIDE APPLICATION SIGNS SHALL BE POSTED IMMEDIAELY AFTER ANY HERBICIDE APPLICATION IN TREATED AREAS. SIGNS SHALL REMAIN POSTD FOR A DURATION OF NOT LESS THAN 24 HOURS AND NOT MORE THAN 48 HOURS AFTER THE TIME HERBICIDE IS APPLIED.
- 3.3 INSPECTION, ACCEPTANCE, AND PERFORMANCE STANDARDS
- A. AFTER COMPLETION OF INVASIVE SHRUB REMOVAL AND FOLLOW UP RE-SPROUT HERBICIDING, THE APPLICANT SHALL SCHEDULE WITH THE VILLAGE AN ACCEPTANCE INSPECTION OF THE WORK.
  - C. PERFORMANCE STANDARD: **THE CONTRACTOR GUARANTEES NOT MORE THAN 10% OF THE CUT OR GROUND STUMPS SHALL BE RE-SPROUTING AT THE TIME OF VILLAGE INSPECTION.**