



COMMONWEALTH OF PENNSYLVANIA

PENNSYLVANIA GAME COMMISSION

FIELD REGIONS

253 Snyder Road
Reading, PA 19605
December 30, 2019

REQUEST FOR BIDS
BASAL HERBICIDE TREATMENT PROJECT
STATE GAME LANDS #156
LANCASTER COUNTY

Prospective Service Contractors:

The Southeast Region of the Pennsylvania Game Commission is soliciting bids to apply a basal herbicide treatment to approximately 1,174 trees on 93 acres on game lands 156 located in Penn Township, Lancaster County. The location of the project is defined on the attached maps. Specifications are detailed in Attachment 1 of the bid packet.

Bids are to be submitted electronically thru the Commonwealth's "PA Supplier Portal" system **by 2 PM February 24, 2020**. If you have not registered as a vendor with the state, you must do this first at www.pasupplierportal.state.pa.us before submitting an electronic bid. Any questions regarding this may be directed to Michelle Briel at 610-926-3136 x 66020 mbriel@pa.gov.

Service bid should be by a Unit Price (acre) as well as the total bid price for the project. The **per acre price** shall include the cost of labor, insurance, and all miscellaneous expenses necessary for the completion of the tasks. Prices bid shall be in dollar and cents only. Payment will be dispersed based on the number of acres completed as per the required specifications. **The work may begin June 8, 2020 if PO is received and performance bond is provided, and the work must be completed by June 28, 2020. No extension of time will be awarded.**

The attached Bid Prospectus provides all necessary specifications, instructions, contact information, map, etc.

Please contact me if you have any questions.

Randall Bauman
Regional Forester
Office: 610-926-3136 X 66686
Cell Phone 717-413-1362
Email: rbauman@pa.gov

**GENERAL SPECIFICATIONS
PENNSYLVANIA GAME COMMISSION
FORESTRY DIVISION**

I. SCOPE OF WORK:

- A. The Pennsylvania Game Commission, Southeast Region Forestry Division, requires the services of an Operator to apply a basal herbicide to approximately 1,174 trees on SGL 156 containing 93 acres. Services shall include, but are not limited to, the furnishing of all materials, labor, equipment, tools, superintendence, miscellaneous items, and performing all work necessary to complete the project to the satisfaction of and subject to the approval of the Commission.
- B. Questions regarding any technical aspects of this bid should be directed to Andy Weaver, PA Game Commission Forester, at telephone no. 717-756-1471. Questions regarding administrative aspects of this bid should be directed to Randall Bauman, PA Game Commission Southeast Regional Forester, at telephone no. 610-926-3136 ext. 66686.
- C. Bids are to be submitted electronically thru the Commonwealth's "PA Supplier Portal" system **by 2 PM February 24, 2020**. If you have not registered as a vendor with the state, you must do this first at www.pasupplierportal.state.pa.us before submitting an electronic bid. Any questions regarding this may be directed to Michelle Briel at 610-926-3136 x 66020 mbriel@pa.gov.

II. CONTRACT TASKS:

A. Project Location(s):

- 1. SGL#156, Lancaster County – Penn Township: the contractor will apply the designated herbicide mixture to all ailanthus and royal paulownia within 50 feet for designated roads and fields.

III. SITE INSPECTION AND ASSISTANCE:

An optional site inspection tour is highly encouraged and will be conducted by the Forester on February 11, 2020 at 9 AM. Meeting place will be at the PGC parking lot along Dead End Road as shown on the attached map. Please contact Andy Weaver if you plan to attend or need information to view the site on your own at another time:

Andy Weaver 717-756-1471.

IV. COMMISSION PERSONNEL - The Commission will furnish personnel to supervise and direct the operation in the following capacities:

- a. **PROGRAM SUPERVISOR** - The Regional Forester of the PA Game Commission Southeast Region is responsible for the overall operation of the vegetation control program and represents the Commission in settling minor contractual matters.
- b. **FIELD CONTRACT COORDINATORS** - These persons are Regional Foresters or their designee who serve as the Commission's field liaison with the Operator and are responsible for reviewing and approving/disapproving the operations plan and conducting quality control checks on the equipment and performance during the operations. This person is responsible for coordinating the activities of all people working on the contract within a region and communicating with the Operator's project supervisor concerning any operational problems or changes in plans. He/she also provides daily reports of the operation to the program supervisor

V. EQUIPMENT SPECIFICATIONS:

- a. Equipment used on the project must be able to successfully complete the project and meet the approval of the Field Contract Coordinator.

VI. CONTRACT REQUIREMENTS:

- All ailanthus and royal paulownia greater than or equal to 2 inches diameter at breast height must be basal treated with herbicide. **All employees must be able to identify species.**
- Royal Paulownia must be treated using the hack and squirt method. Use a 50% solution of Glyphosate (50% active ingredient) and water. Stems must be treated with 1 incision per inch of tree diameter, evenly spaced around the entire circumference at DBH (4.5 'above the ground). Incisions must be into cambium layer and must be horizontal, allowing chemical to settle in the incision and not runout.
- Ailanthus trees must be treated with a basal bark application. Mix 15 gallons of Garlon 4 Ultra (*Triclopyr 60.45 percent active ingredient*) or equivalent in enough carrier to make 100 gallons of mixture for a **15 percent spray solution**. Apply with a backpack sprayer using low pressure (20 – 40 psi). Thoroughly wet the basal part of the stem to a height of 12 -15 inches above the ground. Spray until runoff at the ground line is noticeable.

The use of the premixed basal bark herbicide Pathfinder II is also acceptable. The method of application will be in accordance with label requirements for Low Volume Basal Bark Treatment.

A dye must be added to the herbicide mixture.

- Trails, roads, tail drains, streams, and utility rights-of- way must be kept open
- The Operator shall exercise care and caution in all operations to prevent damage to all trees not specified for treatment.
- Damage to trails, roads, streams, or utility rights-of-way caused by the Operator's equipment must be repaired by the Operator at their expense.
- Any trash resulting from the Operator's operations must be removed from the area and properly disposed.
- The Operator shall not block any roads or trails in the area during performance of this contract. The Operator shall not in any way hinder the progress of any Timber Sale Contracts in these areas.
- All labor, equipment, tools, etc., needed to complete contracted projects are to be provided by the Operator and approved by the Field Contract Coordinator.
- Timber Damages – when in the opinion of Field Contract Coordinator, damage to the residual stand becomes excessive, the Operator shall pay the Commission a fair base current value determined by the Field Contract Coordinator per unit of volume. If this value for damage due to Operator's carelessness or negligence is less than \$10.00 per tree, then a minimum charge of \$10.00 per tree will be made whether the tree is commercial, non-commercial, merchantable, or non-merchantable.

VII. INSURANCE REQUIREMENTS:

- A. The contractor will provide Workmen's Compensation insurance sufficient to cover all the employees of contractor working to fulfill this contract.
- B. Comprehensive General Liability Insurance, including bodily injury and property damage insurance, to protect the Commonwealth and the contractor from claims arising out of the performance of the contract. The amount of bodily injury insurance shall not be less than \$300,000.00 for injury to or death of persons per occurrence. The amount of Property Damage Insurance shall not be less than \$300,000.00 per occurrence.

Such policies shall name the Commonwealth as an additional insured. Prior to the commencement of work under this contract, the contractor must provide the Commonwealth with current Certificates of Insurance. These Certificates shall contain a provision that coverages afforded under the policy shall not be canceled or changed until at least thirty (30) days prior written notice has been given to the Commonwealth.

The Commonwealth shall be under no obligation to obtain such certificates from the Operator(s). Failure by the Commonwealth to obtain the certificates shall not be deemed a waiver of the Operator's obligation to obtain and furnish certificates. The Commonwealth shall have the right to inspect the original insurance policies.

VIII. HOLD HARMLESS:

- A. The contractor shall be responsible for and agrees to indemnify and hold harmless the Commonwealth from and against damages to property or injuries (including death) to any persons and other losses, damages, expenses, claims, demands, suits, and actions by any party against the Commonwealth in connection with the work performed by the contractor.

IX. BIDDING

A. RECEIVING AND OPENING BIDS –

The bid shall be awarded on a **per acre price**. The **per acre price** shall include the cost of labor, insurance, and all miscellaneous expenses necessary for the completion of the tasks. Prices bid shall be in dollar and cents only. Payment will be dispersed based on the number of acres completed as per the required specifications. **Service Bid on the herbicide project should include the Unit Price (\$/Acre).** Payment will be by Unit (acre) completed to the specifications of Attachment 1.

Bid will be awarded to the lowest price per acre.

Bids are to be submitted electronically thru the Commonwealth's "PA Supplier Portal" system by **2:00 PM, Monday February 24, 2020.** If you have not registered as a vendor with the state, you must do this at www.pasupplierportal.state.pa.us prior to submitting an electronic bid. The Commission reserves the right to reject any or all bids.

ALL VENDORS WHO CONDUCT BUSINESS WITH THE PENNSYLVANIA GAME COMMISSION MUST HAVE A VENDOR NUMBER ASSIGNED TO THEM IN ORDER TO RECEIVE PAYMENT FROM THE COMMONWEALTH.

Vendors may access the website www.pasupplierportal.state.pa.us or phone (877) 435-7363 or (717) 346-2676 or email ra-srmhelp@state.pa.us for assistance to register as a new vendor or, if you are an existing vendor, to change a name or remit to address. This is a Dept of General services (DGS) website so you need to contact them directly if you have any problems with the website.

The unit price (acre) shall include all labor, equipment, tools, insurance and all items necessary for the

completion of the project.

- B. **BID RESULTS** - Bidders can obtain results at www.emarketplace.state.pa.us/bidtabs.aspx

The posted results will contain the information of the apparent bidders, and all bids are under review until final award of the purchase order.

Quantities herein are only estimates and may increase or decrease dependent upon the needs of the Commission. Operator shall be paid at the unit price bid for actual services performed.

The Commission reserves the right to reject any or all bids and award contracts as it determines to be in the best interest of the Commission.

X. PERFORMANCE SECURITY:

- A. As further guarantee of faithful performance of the conditions set forth in this contract, the Contractor hereby agrees to furnish the Commission with Certified Check, Savings Account, Irrevocable Letter of Credit, or other security acceptable to the Pennsylvania Game Commission, in the sum of **\$2,000.00.**

ANY SECURITY POSTED MUST HAVE AN EXPIRATION DATE A MINIMUM OF ONE YEAR BEYOND THE EXPIRATION DATE OF THE CONTRACT.

- B. Performance Security is due no later than 30 days after written notice of the bid award. Time is of the essence with regard to the provision of Performance Security. At the option of the PGC, failure to provide an acceptable Surety within 30 days will result in cancellation of the contract and the PGC may declare the bidder ineligible on future projects.
- C. It is further agreed that any performance bond guarantees the complete and faithful performance of this contract and full compliance with the conditions set forth herein, particularly as to construction repairs, restorations or other conditions to be performed and the Principal and Surety shall in no way be released or either of them, their executors, administrators, successors or assigns from their liability hereunder, notice to the Surety or Sureties of any such repair involving construction restoration and conditions to be performed, and extension or forbearance hereof being hereby waived.
- D. Failure to comply with any of the conditions of the contract herein mentioned shall result in cancellation of the agreement and forfeiture of the performance bond to cover damages sustained by the Commission. The Commission may declare the Contractor ineligible to bid on future contracts.

XI. OPERATOR REFERENCES:

After the bid opening and prior to awarding of the contract, the Commission has the right to request 3 references (names, addresses, and telephone numbers) of similar work performed by the Operator within the previous two (2) years as proof of qualifications to perform the work involved in this contract. Similar work is defined here as proof that the bidder has successfully completed at least 150 acres of machine and/or hand herbicide application in a forested environment in a single calendar year.

XII. CONTRACT TERM:

The Contract shall commence upon execution of PO and receipt of the performance bond and continue until June 28, 2020. Work may not begin until June 8, 2020. No contract extensions will be approved. Forfeiture of the performance bond will occur if contract is not completed by

June 28, 2020.

XIII. PAYMENT TERMS:

Payment shall be on a reimbursement basis for actual acres completed as measured by a Forestry Division employee. A block will be deemed complete when all items listed in the specifications have been met for that block. Invoice must state the number of acres properly treated.

XIV. INVOICES:

Original invoices must be sent to:
Commonwealth of PA – PO Invoices
P.O.Box 69180
Harrisburg, PA 17106

A copy of all invoices must be sent to:

Randall Bauman
SE Regional Forester
Pennsylvania Game Commission
253 Snyder Road
Reading, PA 19605
rbauman@pa.gov

All invoices must have the Purchase Order Number, as well as the Operator's SAP Vendor Number on the invoice. The name and address listed on the purchase order must also be on each invoice. Failure to provide this information may result in a delay of payment.

Please Note: Vendors are reminded to **NOT** include employer identification numbers, Social Security Numbers, bank account information, or other personally identifiable information on their invoices. That information is uniquely tied to your SAP Vendor Number and, for security purposes, should not be explicitly stated on an invoice.

XV. PURCHASE ORDER(S) TERMINATION

The Commonwealth may terminate the Purchase Order(s) for its convenience if the Commonwealth determines termination to be in its best interest. Operator shall be paid for work completed.

Attachments:

Attachment 1: Treatment Specifications
Attachment 2: Project Maps

ATTACHMENT 1, TREATMENT SPECIFICATIONS
 156 ROAD HERBICIDE TREATMENT PROJECT
 STATE GAME LAND 156 LANCASTER COUNTY

3.1 -SCOPE

This work involves applying basal herbicide to approximately 1,174 trees on 93 acres on State Game Land # 156 in Penn Township, Lancaster County.

3.2 – PROCEDURE & TERMS

1. All ailanthus and royal paulownia trees within 50 feet of designated roads and fields, greater than or equal to 2 inches diameter a breast height, must be treated with herbicide.

SPECIES	TREES/ACRE	TOTAL
Ailanthus	11.6	1,079
Royal Paulownia	1.9	95

2. Royal Paulownia must be treated using the hack and squirt method. Use a 50% solution of Glyphosate (50% active ingredient) and water. Stems must be treated with 1 incision per inch of tree diameter, evenly spaced around the entire circumference at DBH (4.5 ‘above the ground). Incisions must be into cambium layer and must be horizontal, allowing chemical to settle in the incision and not runoff
3. Ailanthus trees must be treated with a basal bark application. Mix 15 gallons of Garlon 4 Ultra (*Triclopyr 60.45 percent active ingredient*) or equivalent in enough carrier to make 100 gallons of mixture for a **15 percent spray solution**. Apply with a backpack sprayer using low pressure (20 – 40 psi). Thoroughly wet the basal part of the stem to a height of 12 -15 inches above the ground. Spray until runoff at the ground line is noticeable.

The use of the premixed basal bark herbicide Pathfinder II is also acceptable. The method of application will be in accordance with label requirements for Low Volume Basal Bark Treatment.

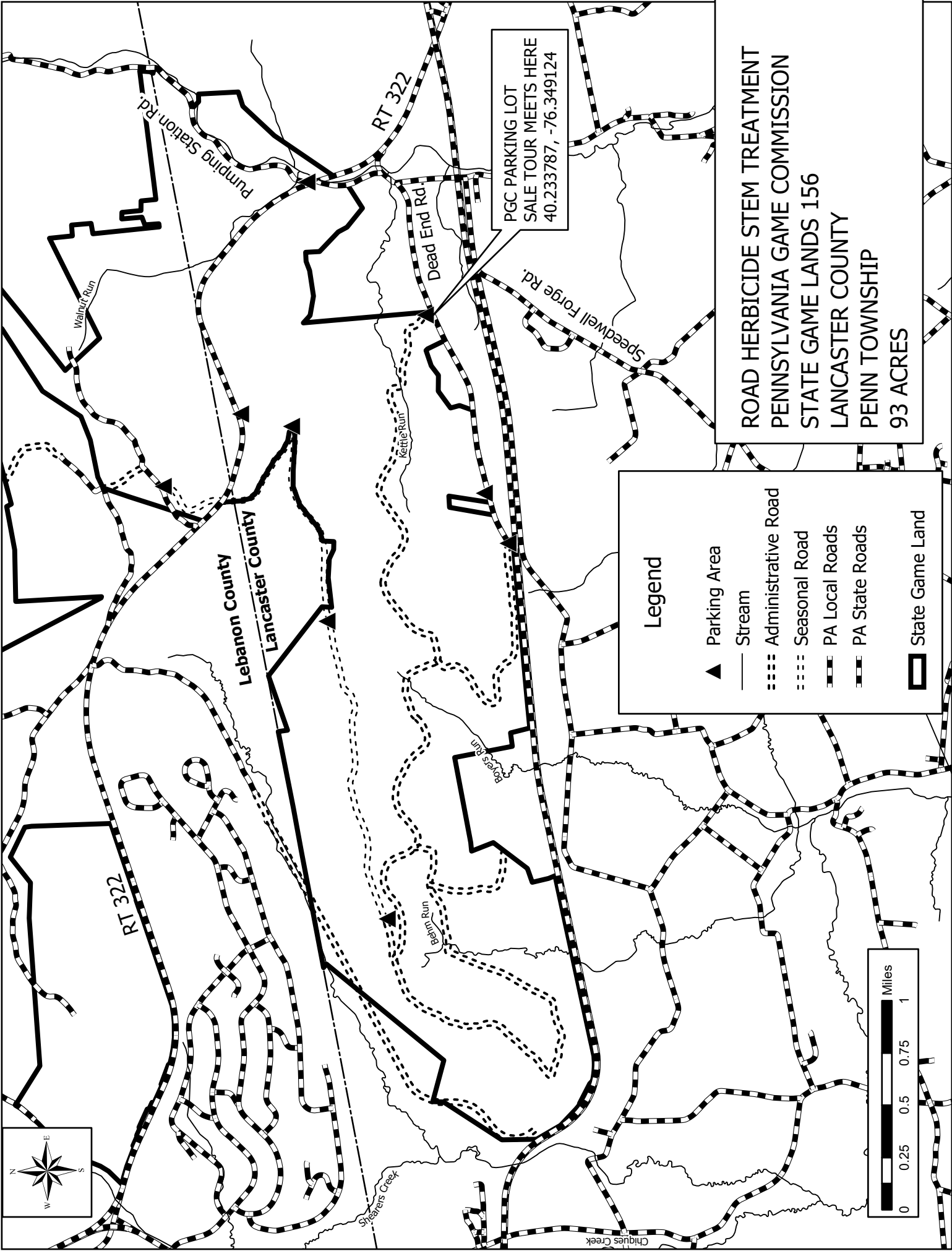
A dye must be added to the herbicide mixture.

4. If heavy equipment is used, equipment will not be operated when ground conditions are such that excessive damage will result. The contractor may be required to repair areas that become rutted due to work, install water bars in areas that are of sufficient slope that erosion may occur, and apply seed (10 pounds/acre of clover, 3 pounds /acre of birdsfoot tree foil/acre), fertilizer (200 pounds/acre 5-10-10 fertilizer), and straw mulch.
5. Damage to non target species will be the responsibility of the contractor. When in the opinion of Regional Forester, damage to the residual stand becomes excessive, the Operator shall pay the Commission a fair base current value determined by the Regional Forester per unit of volume. If this value for damage due to Operator’s carelessness or negligence is less than \$10.00 per tree, then a minimum charge of \$10.00 per tree will be made whether the tree is commercial, non-commercial, merchantable, or non-merchantable.
6. The contractor will remove all trash and garbage generated from the completion of this contract. This is to include all materials related to the support of felling tools and equipment, as well as items generated through personal use by the contractor’s employees.
7. The contractor will notify the PGC forestry representative three days prior to beginning the project. The contractor may work at times other than the schedule of the PGC forestry representative. The contractor may be present at the final inspection.

8. Payment will be based on the number of acres completed to the specifications of the project. The PGC forestry representative will make the final decision concerning the number of acres completed to the specifications.
9. A representative of the contractor, with the ability to communicate easily and effectively with PGC representatives, both orally and in writing in the English language, and with the ability to communicate easily and effectively with all workers on the crew, shall be present at all times at the work site.
10. All equipment will be cleaned of soil and debris before being moved onto site to prevent spread of invasive species.

3.3 - MEASUREMENT AND PAYMENT

A price per acre will be the unit of bidding and payment will be based on the number of acres successfully treated. Evaluation of the success of the treatment will be based on the quality of application to designated stems on a per acre basis.

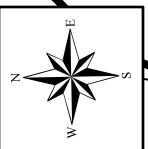


PGC PARKING LOT
 SALE TOUR MEETS HERE
 40.233787, -76.349124

ROAD HERBICIDE STEM TREATMENT
PENNSYLVANIA GAME COMMISSION
STATE GAME LANDS 156
LANCASTER COUNTY
PENN TOWNSHIP
93 ACRES

Legend

- ▲ Parking Area
- Stream
- ⋯⋯⋯ Administrative Road
- ⋯⋯⋯ Seasonal Road
- ▬▬▬ PA Local Roads
- ▬▬▬ PA State Roads
- ▭ State Game Land



RT 322

RT 322

Lebanon County
 Lancaster County

Walnut Run

Dead End Rd.

Speedwell Forge Rd.

Kettle Run

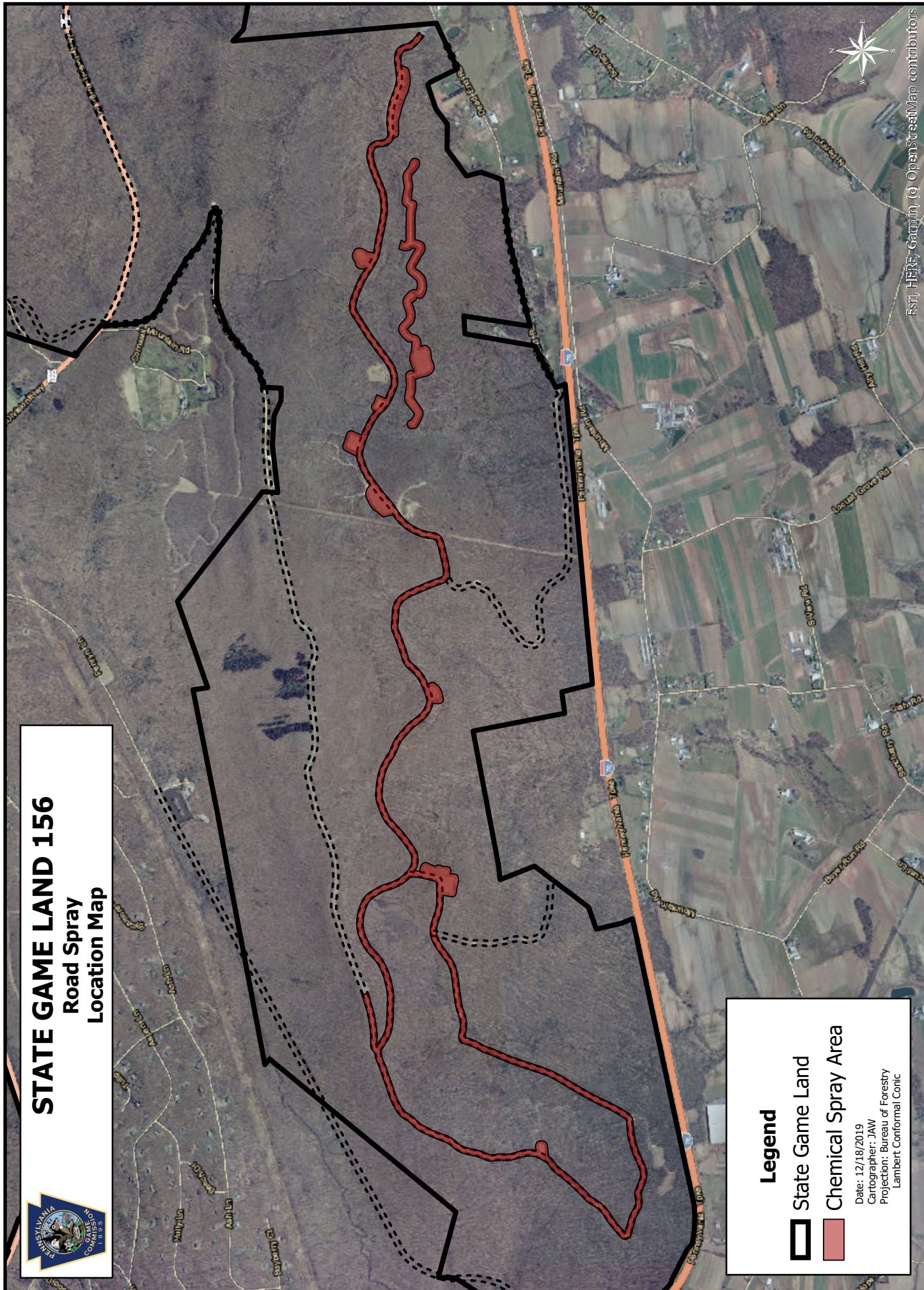
Bear Run

Chiques Creek

Chiques Creek



STATE GAME LAND 156 Road Spray Location Map



Est. HERE, Garmin, (c) OpenStreetMap contributors

Legend

- State Game Land
- Chemical Spray Area

Date: 12/18/2019
Cartographer: JAW
Projection: Bureau of Forestry
Lambert Conformal Conic

