



fact sheet

# forest health maintenance at former Texaco research center

45 Old Glenham Road, Fishkill, New York

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## we strive to be a good neighbor

Chevron has completed an assessment of the health of the forest located in the back 93 acres of the former Texaco Beacon Research Center property.

Overall the forest is in good shape, and ranges from recently established saplings to mature and over mature trees. However, in the southernmost 25 of the 93 acres, signs of harmful overcrowding and a dense canopy have been observed.

To return this 25-acre area of the forest to optimal health for the long term, the ecologically sustainable practice of selective timber harvesting has been chosen as a solution.

## forest condition

The matured southernmost 25 acres of the forest include the following tree species:

- Hickory
- Tulip poplar
- Red and white oak
- Sugar maple
- Scarlet oak

Overcrowding has resulted in mortality, both from insect and tree diseases associated with dense forest conditions. A number of fallen trees and standing dead, dying and diseased trees are distributed throughout the area, along with invasive vines that have overtaken some larger trees to the point of decline. Also, a tightly closed canopy has resulted in heavy shade conditions that have limited natural regeneration of trees.

## selective timber harvesting and benefits

Selective timber harvesting promotes a forest comprised of a variety of tree species of all ages and sizes.

The procedure essentially mimics what nature already does: removes over mature, declining and diseased trees and provides the necessary stimulus to promote natural regeneration. In addition to promoting the next age class of trees, regeneration also provides cover and habitat for a variety of indigenous wildlife species.

Advantages of selective harvesting:

- Reduces overcrowding
- Provides for continual forest cover over time
- Allows for natural generation
- Encourages growth of younger, more healthy-quality trees
- Allows forest to retain some resistance to disease and pests
- Supports more varieties of wildlife

Selective timber harvesting takes into consideration present forest health, tree density and overall objectives for the property.

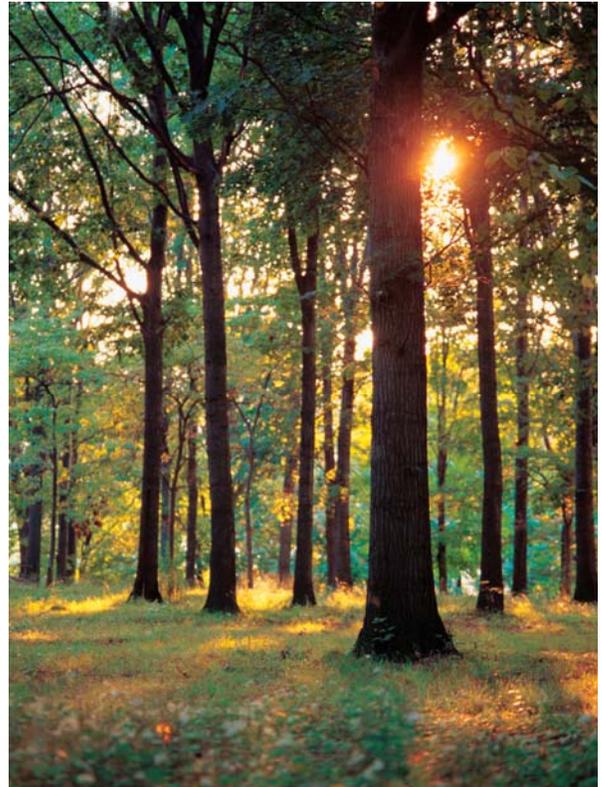
The current density of the southernmost 25 acres of the property is about 140 trees per acre. By removing 18 to 20 mature and over mature trees per acre, conditions favorable for maximum forest health can be achieved. Younger and more vigorous trees will gain better access to soil nutrients, moisture and sunlight, resulting in a vibrant forest rich in diversity and age class that is sustained for years to come.

### process and timing

Chevron has hired a licensed and experienced forestry management company that knows the permitting and harvesting processes required to safely, efficiently and effectively complete the project.

Selective harvesting of the 25 acres will be conducted during the winter months, when frozen ground and snow cover will help to minimize ground disturbance. Trees will be identified and marked for removal, cut into manageable sizes then loaded onto trucks and hauled to a processing facility.

Steps will be taken to minimize the project's footprint and disruption to the community. Traffic control measures will safely manage vehicle traffic in and out of the property. Operations at the site will run between approximately 7 a.m. to 4 p.m. Monday through Friday and is expected to take about three to five weeks to complete.



### Concerns

For additional questions or concerns, please contact us through the Texaco Beacon website at [http://www.texacobeaconinfo.com/contact\\_us.php](http://www.texacobeaconinfo.com/contact_us.php)

You may also directly contact either of the Chevron team members below:

**Monica Heavey**

Regulatory Compliance Advisor  
Chevron Building and Real Estate Services  
845.527.3533

**Mike Lawler**

Onsite Facility Manager  
Chevron Building and Real Estate Services  
845.380.6819