



February 23, 2026

RE: Post-Cleaning Vegetation Assessment and Summary – T155-1
Residence Bishop Loss of Control Incident

BACKGROUND

In response to a well control event on April 6, 2025, CTEH, LLC (CTEH) was engaged by Noble Energy, Inc (Noble) to provide vegetation assessments to determine impact to surrounding properties. During the Bishop Loss of Containment Incident, the T155-1 residence had the potential for impact and CTEH was tasked to perform a visual assessment and develop a remediation protocol.

CTEH performed a visual assessment on May 02, 2025. No hydrocarbons were identified on the vegetation, and no cleaning protocol was recommended.

VEGETATION ASSESSMENT ACTIVITIES

Based on the nature of the incident, CTEH field personnel conducted vegetation assessments at the T155-1 residence to determine potential impact and presence of hydrocarbons. The assessments were performed by staff biologists walking the property, identifying and photo-documenting the vegetation, and searching for signs of hydrocarbons (sheen) with cloth wipes. The assessment has been detailed in the Vegetation Observation Notes (**Attachment A**).

Table 1 summarizes species evaluated on May 02, 2025. Weed species have been excluded from the table.

Table 1 Evaluated Vegetation by Species

Species	Type	# of Individuals	Hydrocarbons Present?
blue spruce (<i>Picea pungens</i>)	Tree	4	No
elderberry (<i>Sambucus nigra</i>)	Tree	2	No
Amur maple (<i>Acer tataricum subsp. ginnala</i>)	Tree	2	No
silver maple (<i>Acer saccharinum</i>)	Tree	2	No
ninebark (<i>Physocarpus</i> sp.)	Tree	9	No
green ash (<i>Fraxinus pennsylvanica</i>)	Tree	6	No
common lilac (<i>Syringa vulgaris</i>)	Shrub	3	No
thornless hawthorn (<i>Crataegus chlorosorca</i>)	Tree	1	No
quaking aspen (quaking aspen (<i>Populus tremuloides</i>))	Tree	4	No

European buckthorn (<i>Rhamnus cathartica</i>)	Shrub	15	No
redosier dogwood (<i>Cornus sericea</i>)	Shrub	1	No
crabapple (<i>Malus baccata</i>)	Tree	2	No
'Bradford' pear (<i>Pyrus calleryana</i>)	Tree	3	No
white oak (<i>Quercus alba</i>)	Tree	2	No
honey locust (<i>Gleditsia triacanthos</i>)	Tree	3	No
hackberry (<i>Celtis americana</i>)	Tree	6	No
Scotch pine (<i>Pinus Sylvestris</i>)	Tree	6	No
daylily (<i>Hemerocallis</i> sp.)	Forb	7	No
tulip (<i>Tulipa</i> sp.)	Forb	30	No
daffodil (<i>Narcissus</i> sp.)	Forb	42	No
unknown shrub	Shrub	1	No
hydrangea (<i>Hydrangea</i> sp.)	Forb	+12	No
Rocky Mountain phlox (<i>Phlox multiflora</i>)	Forb	x	No
lamb's ear (<i>Stachys byzantine</i>)	Forb	x	No
pampas grass (<i>Cortaderia selloana</i>)	Grass	8	No
white meadowsweet (<i>Spiraea alba</i>)	Shrub	10	No
unknown grass	Grass	1	No
catnip (<i>Nepeta cataria</i>)	Forb	5	No
geranium (<i>Geranium</i> sp.)	Forb	3	No
Kentucky bluegrass (<i>Poa pratensis</i>)	Grass	Lawn	No

Based on the collected assessment data, no incident-related vegetation impacts were observed at the T155-1 residence.

Attachment A

Vegetation Observation Notes

Subject: Vegetation Observation Notes T155-1

Property Review Date: 5.02.2025; Revision date 2.23.2026

Author: N. Cutter, Bat Technician @ EnviroScience Inc; Revision: M. Lockner, Associate Environmental Consultant, CTEH

Previously Observed Wildlife

- a. No wildlife was observed by the property owner. Wildlife reports were submitted by SWCA for each property under separate cover.

1. Observed Vegetation

- a. No signs of hydrocarbons (sheen) were observed on vegetation.
- b. Observed species:

Trees, Large Shrubs, and other Well Established Plants:

- No sheen was observed on woody plants.
- 4x blue spruce (*Picea pungens*), height 3'-25', 3"-18" dbh. No recommendation.
- 2x elderberry (*Sambucus nigra*), height 4', multi stem. No recommendation.
- 2x Amur maple (*Acer tataricum subsp. ginnala*), height 10"-15', multi stem. No recommendation.
- 2x silver maple (*Acer saccharinum*), height 20'-35', 10-22". No recommendation.
- 9x ninebark (*Physocarpus sp.*), height 5', multi stem. No recommendation.
- 6x green ash (*Fraxinus pennsylvanica*), height 25'-35', 16"-20" dbh. No recommendation.
- 3x common lilac (*Syringa vulgaris*), height 6'-10', multi stem. No recommendation.
- 1x thornless hawthorn (*Crataegus chlorosorca*), height 12', multi stem. No recommendation.
- 4x quaking aspen (*Populus tremuloides*), height 12'-25', 4"-14" dbh. No recommendation.
- 15x European buckthorn (*Rhamnus cathartica*), height 4', multi stem. No recommendation.
- 1x redosier dogwood (*Cornus sericea*), height 3', multi stem. No recommendation.

- 2x crabapple (*Malus baccata*), height 15', 18" dbh. No recommendation.
- 3x 'Bradford' pear (*Pyrus calleryana*), height 20'-25', 16"-20" dbh. No recommendation.
- 2x white oak (*Quercus alba*), height 25', 14"-16" dbh. No recommendation.
- 3x honey locust (*Gleditsia triacanthos*), height 15'-25', multi stem-16" dbh. No recommendation.
- 6x hackberry (*Celtis americana*), height 12', 6" dbh. No recommendation.
- 6x Scotch pine (*Pinus Sylvestris*), height 10'-12', 4-7" dbh. No recommendation.

Small Shrubs and Annual Flowers:

- No sheen was observed on small shrubs and annual flowers.
- 7x daylily (*Hemerocallis* sp.), height 8". No recommendation.
- 30x tulip (*Tulipa* sp.), height 6"-10". No recommendation.
- 42x daffodil (*Narcissus* sp.), height 8"-10". No recommendation.
- 1x unknown shrub, height 3'. No recommendation.
- +12x hydrangea (*Hydrangea* sp.), height 8", multi stem. No recommendation.

Forbs and Grasses:

- No sheen was observed on forbs and grasses.
- Rocky Mountain phlox (*Phlox multiflora*), height 2". No recommendation.
- lamb's ear (*Stachys byzantine*), height 2". No recommendation.
- 8x pampas grass (*Cortaderia selloana*), height 2'. No recommendation.
- 10x white meadowsweet (*Spiraea alba*), height 2'-3'. Multi stem. No recommendation.
- 1x unknown grass, no recommendation.
- 5x catnip (*Nepeta cataria*), height 4". No recommendation.
- 3x Geranium (*Geranium* sp.), height 3". No recommendation.

Lawn:

- No sheen was observed on the lawn.
- Kentucky bluegrass (*Poa pratensis*), no recommendation.

Garden/Food Plots:

- None present.

2. Additional Notes

- The owner was concerned about the tree's health after the incident.

3. Photos



Photo 1 - 1 out of 3 'Bradford' pear (*Pyrus calleryana*), height 20', 16" dbh. No recommendation.



Photo 2 - 1 out of 4 blue spruce (*Picea pungens*), height 5', 3" dbh. No recommendation.



Photo 3 - 1 out of 2 elderberry (*Sambucus nigra*), height 4', multi stem. No recommendation.



Photo 4 - 1 out of 2 Amur maple (*Acer tataricum subsp. ginnala*), height 10". No recommendation.



Photo 5 - 1 out of 2 silver maple (*Acer saccharinum*), height 30'-35', 20"-22". No recommendation.



Photo 6 - 1 out of 9 ninebark (*Physocarpus* sp.), height 5', multi stem. No recommendation.



Photo 7 - 1 out of 6 green ash (*Fraxinus pennsylvanica*), height 25', 16" dbh. No recommendation.



Photo 8 - 1 out of 3 common lilac (*Syringa vulgaris*), height 6'-10', multi stem. No recommendation.



Photo 9 – 1 out of 1 thornless hawthorn (*Crataegus chlorosorca*), height 12', multi stem. No recommendation.



Photo 10 - 2 out of 4 quaking aspen (*Populus tremuloides*), height 25', 14" dbh. No recommendation.



Photo 11 - 2 out of 15 European buckthorn (*Rhamnus cathartica*), height 4', multi stem. No recommendation.



Photo 12 - 1 out of 3 'Bradford' pear (*Pyrus calleryana*), height 25', 18"-20" dbh. No recommendation.



Photo 13 - 1 out of 2 white oak (*Quercus alba*), height 25', 14"-16" dbh. No recommendation.



Photo 14 - 1 out of 6 hackberry (*Celtis americana*), height 12', 6" dbh. No recommendation.



Photo 15 - 1 out of 6 Scotch pine (*Pinus Sylvestris*), height 10'-12', 4"-7" dbh. No recommendation.



Photo 16 - 1 out of 2 crabapple (*Malus baccata*), height 15', 18" dbh. No recommendation.



Photo 17 - 1 out of 2 Amur maple (*Acer tataricum subsp. ginnala*), height 15', multi stem. No recommendation.



Photo 18 – 1 out of 1 redosier dogwood (*Cornus sericea*), height 3', multi stem. No recommendation.