



Vegetation Unit Summaries for **Tideman Johnson Natural Area (TIDE)**

Report date: 3/27/2007

'*' = non-native invasive species

Visit data as of: 3/27/2007

Unit rTIDE*457R

Size: 1.10 Acres

NVCS Subclass: Deciduous woodland

% Tree canopy: 45%

% Non-Native Cover: 55

Slope: na

Aspect: na

Visit date: 11/6/2006

Wetland indicators: Streams, Hydrophilic Vegetation. (Surface water was present)

Dominant Trees: bigleaf maple (*Acer macrophyllum*), black cottonwood (*Populus balsamifera* ssp. *trichocarpa*).

Dominant Shrubs: English ivy (*Hedera helix**), Himalayan blackberry (*Rubus discolor**).

Dominant Forbs: creeping buttercup (*Ranunculus repens*).

Additional Invasives: morning glory (*Convolvulus arvensis**), English holly (*Ilex aquafolium**), reed canarygrass (*Phalaris arundinacea**), bittersweet nightshade (*Solanum dulcamara**), clematis (*Clematis vitalba**), European hawthorn (*Crataegus monogyna**), Japanese knotweed (*Polygonum cuspidatum**), sweet pie cherry (*Prunus avium**), spiny sowthistle (*Sonchus asper**).

Ecological Health: Poor.

Unit rTIDE*460R

Size: 0.49 Acres

NVCS Subclass: Deciduous woodland

% Tree canopy: 45%

% Non-Native Cover: 50

Slope: na

Aspect: na

Visit date: 11/6/2006

Wetland indicators: Streams, Hydrophilic Vegetation. (Surface water was present)

Dominant Trees: black cottonwood (*Populus balsamifera* ssp. *trichocarpa*).

Dominant Shrubs: English ivy (*Hedera helix**).



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Additional Invasives: sweet pie cherry (*Prunus avium**), European hawthorn (*Crataegus monogyna**), Himalayan blackberry (*Rubus discolor**), bittersweet nightshade (*Solanum dulcamara**).

Ecological Health: Poor.

Primary Management concerns: moderate level of invasive species.

Unit rTIDE*473

Size: 0.19 Acres

NVCS Subclass: Deciduous woodland

% Tree canopy: 50%

% Non-Native Cover: 80

Slope: na

Aspect: na

Visit date: 11/8/2006

Wetland indicators: Streams, Hydrophilic Vegetation. (Surface water was present)

Dominant Trees: red alder (*Alnus rubra*).

Dominant Shrubs: English ivy (*Hedera helix** > 50% cover), Himalayan blackberry (*Rubus discolor**).

Forbs > 20% cover: Japanese knotweed (*Polygonum cuspidatum**).

Additional Invasives: clematis (*Clematis vitalba**), European hawthorn (*Crataegus monogyna**), herb-Robert (*Geranium robertianum**), garlic mustard (*Alliaria petiolata**), horsechestnut (*Aesculus hippocastanum**), bittersweet nightshade (*Solanum dulcamara**), English holly (*Ilex aquafolium**).

Ecological Health: Severely Degraded.

Primary Management concerns: heavy level of invasive species, Stream Bank Erosion.

Unit rTIDE*475

Size: 1.68 Acres

NVCS Subclass: Deciduous forest

% Tree canopy: 60%

% Non-Native Cover: 90

Slope: na

Aspect: na

Visit date: 11/8/2006

Wetland indicators: Streams, Hydrophilic Vegetation. (Surface water was present)

Dominant Trees: black cottonwood (*Populus balsamifera* ssp. *trichocarpa*).



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Dominant Shrubs: English ivy (*Hedera helix** > 50% cover), European hawthorn (*Crataegus monogyna**).

Additional Invasives: sweet pie cherry (*Prunus avium**), Japanese knotweed (*Polygonum cuspidatum**), horsechestnut (*Aesculus hippocastanum**), common filbert (*Corylus avellana**), Himalayan blackberry (*Rubus discolor**), clematis (*Clematis vitalba**), English holly (*Ilex aquafolium**), black locust (*Robinia pseudo-acacia**).

Ecological Health: Severely Degraded.

Primary Management concerns: heavy level of invasive species, Informal Trails.