

**State of New Jersey
Department of Environmental Protection
Division of Land Use Regulation**

**LIST OF THREATENED AND ENDANGERED SPECIES THAT ARE CRITICALLY
DEPENDENT ON REGULATED WATERS FOR SURVIVAL**

Revised May 15, 2008

In order for the Department to determine compliance with the Flood Hazard Area Control Act rules at N.J.A.C. 7:13, each application for a flood hazard area verification, individual permit or general permit (except general permits 2F, 2G and 4) must include an analysis of the project's status with regard to the Department's "Landscape Project" mapping, as well as a "natural heritage data request" letter from the Department's Natural Heritage Program. The Landscape Project mapping and Natural Heritage Program data request shall, at a minimum, identify all threatened and endangered species on site, as well as all threatened and endangered species that are "critically dependent on the regulated water for survival" which occur within one mile of the site. An application will not be considered complete unless it contains these two documents. The Department has determined that the following threatened or endangered species are critically dependent on the regulated water to survive. These species are as follows:

REPTILES

NAME	COMMON NAME
Endangered	
<i>Crotalus h. horridus</i> *	Timber rattlesnake
<i>Glyptemys muhlenburgii</i>	Bog turtle
<i>Regina septemvittata</i>	Queen snake
Threatened	
<i>Clemmys insculpta</i>	Wood turtle

* Locations in coastal plain only

AMPHIBIANS

NAME	COMMON NAME
Endangered	
<i>Ambystoma laterale</i>	Blue-spotted salamander
Threatened	
<i>Eurycea longicauda</i>	Long-tailed salamander

INVERTEBRATES

NAME	COMMON NAME
Endangered	
<i>Alasmidonta heterodon</i>	Dwarf wedgemussel (mussel)
<i>Alasmidonta varicose</i>	Brook floater (mussel)
<i>Lasmigona subviridis</i>	Green floater (mussel)
Threatened	
<i>Alasmidonta undulate</i>	Triangle floater (mussel)
<i>Lampsilis cariosa</i>	Yellow lampmussel (mussel)
<i>Lampsilis radiata</i>	Eastern lampmussel (mussel)
<i>Leptodea ochracea</i>	Tidewater mucket (mussel)
<i>Ligumia nasuta</i>	Eastern pondmussel (mussel)

PLANTS

NAME	COMMON NAME
<i>Aeschynomene virginica</i>	Sensitive Joint-vetch
<i>Alisma triviale</i>	Large Water-plantain
<i>Ammannia latifolia</i>	Koehn's Toothcup
<i>Andromeda glaucophylla</i>	Bog Rosemary
<i>Arceuthobium pusillum</i>	Dwarf Mistletoe
<i>Armoracia lacustris</i>	Lake Water-cress
<i>Asimina triloba</i>	Pawpaw
<i>Aster borealis</i>	Rush Aster
<i>Aster firmus</i>	Shining Aster
<i>Aster radula</i>	Low Rough Aster
<i>Athyrium pycnocarpon</i>	Glade Fern
<i>Atriplex subspicata</i>	Saline Orache
<i>Bidens beckii</i>	Water-marigold
<i>Bidens eatonii</i>	Eaton's Beggar-ticks
<i>Boltonia asteroides</i> var. <i>glastifolia</i>	Southern Boltonia
<i>Cacalia atriplicifolia</i>	Pale Indian Plantain
<i>Calamagrostis pickeringii</i>	Pickering's Reed Grass
<i>Calystegia sepium</i> ssp. <i>erratica</i>	Occluded Bindweed
<i>Cardamine longii</i>	Long's Bittercress
<i>Cardamine maxima</i>	Large Toothwort
<i>Cardamine rotundifolia</i>	Round-leaf Bittercress
<i>Carex alopecoidea</i>	Foxtail Sedge
<i>Carex aquatilis</i>	Water Sedge
<i>Carex brunnescens</i>	Round-spike Brownish Sedge
<i>Carex bushii</i>	Bush's Sedge
<i>Carex crawei</i>	Crawe's Sedge
<i>Carex cumulata</i>	Clustered Sedge
<i>Carex formosa</i>	Handsome Sedge
<i>Carex haydenii</i>	Cloud Sedge
<i>Carex jamesii</i>	James' Sedge
<i>Carex jorii</i>	Cypress-swamp Sedge
<i>Carex limosa</i>	Mud Sedge
<i>Carex louisianica</i>	Louisiana Sedge
<i>Carex lupuliformis</i>	Hop-like Sedge
<i>Carex pseudocyperus</i>	Cyperus-like Sedge
<i>Carex tuckermanii</i>	Tuckerman's Sedge
<i>Ceratophyllum echinatum</i>	Spiny Coontail
<i>Chenopodium rubrum</i>	Red Goosefoot
<i>Cinna latifolia</i>	Slender Wood-reed
<i>Cirsium virginianum</i>	Virginia Thistle
<i>Claytonia virginica</i> var. <i>hammondiae</i>	Hammond's Yellow Spring Beauty
<i>Cleistes divaricata</i>	Spreading Pogonia
<i>Coelorachis rugosa</i>	Wrinkled Jointgrass
<i>Conioselinum chinense</i>	Hemlock-parsley
<i>Cornus amomum</i> var. <i>schuetzeana</i>	Pale Dogwood
<i>Cryptogramma stelleri</i>	Slender Rockbrake
<i>Cuscuta cephalanthi</i>	Buttonbush Dodder

NAME	COMMON NAME
<i>Cuscuta indecora</i>	Collared Dodder
<i>Cyperus lancastriensis</i>	Lancaster Flat Sedge
<i>Cyperus polystachyos</i>	Coast Flat Sedge
<i>Cyperus pseudovegetus</i>	Marsh Flat Sedge
<i>Cyperus refractus</i>	Reflexed Flat Sedge
<i>Cyperus tenuifolius</i>	Low Spike Sedge
<i>Cypripedium candidum</i>	Small White Lady's-slipper
<i>Cypripedium reginae</i>	Showy Lady's-slipper
<i>Dalibarda repens</i>	Robin-run-away
<i>Dicentra canadensis</i>	Squirrel-corn
<i>Diodia virginiana</i>	Larger Buttonweed
<i>Eleocharis brittonii</i>	Britton's Spike-rush
<i>Eleocharis compressa</i>	Flat-stem Spike-rush
<i>Eleocharis equisetoides</i>	Knotted Spike-rush
<i>Eleocharis melanocarpa</i>	Black-fruit Spike-rush
<i>Eleocharis minima</i>	Small Spike-rush
<i>Eleocharis pauciflora</i>	Few-flower Spike-rush
<i>Eleocharis tenuis</i> var. <i>verrucosa</i>	Warty Spike-rush
<i>Eleocharis tortilis</i>	Twisted Spike-rush
<i>Ellisia nyctelea</i>	Aunt Lucy
<i>Elymus trachycaulus</i>	Slender Wheatgrass
<i>Equisetum pratense</i>	Meadow Horsetail
<i>Equisetum variegatum</i>	Variegated Horsetail
<i>Eriophorum gracile</i>	Slender Cotton-grass
<i>Eriophorum tenellum</i>	Rough Cotton-grass
<i>Eriophorum vaginatum</i> var. <i>spissum</i>	Sheathed Cotton-grass
<i>Eupatorium capillifolium</i>	Dog-fennel Thoroughwort
<i>Eupatorium resinosum</i>	Pine Barren Boneset
<i>Euphorbia purpurea</i>	Darlington's Glade Spurge
<i>Filipendula rubra</i>	Queen-of-the-prairie
<i>Fraxinus profunda</i>	Pumpkin Ash
<i>Galium labradoricum</i>	Labrador Marsh Bedstraw
<i>Galium trifidum</i>	Small Bedstraw
<i>Gaultheria hispidula</i>	Creeping-snowberry
<i>Gentiana linearis</i>	Narrow-leaf Gentian
<i>Glaux maritima</i>	Sea-milkwort
<i>Glyceria borealis</i>	Small Floating Manna Grass
<i>Glyceria grandis</i>	American Manna Grass
<i>Helonias bullata</i>	Swamp-pink
<i>Hemicarpha micrantha</i>	Small-flower Halfchaff Sedge
<i>Hottonia inflata</i>	Featherfoil
<i>Hydrocotyle ranunculoides</i>	Floating Marsh-pennywort
<i>Hydrophyllum canadense</i>	Broad-leaf Waterleaf
<i>Hypericum adpressum</i>	Barton's St. John's-wort
<i>Hypericum majus</i>	Larger Canadian St. John's Wort
<i>Hypericum prolificum</i>	Shrubby St. John's-wort
<i>Ilex montana</i>	Large-leaf Holly
<i>Isoetes lacustris</i>	Lake Quillwort

NAME	COMMON NAME
<i>Isoetes melanopoda</i>	Black-base Quillwort
<i>Isoetes tuckermanii</i>	Tuckerman's Quillwort
<i>Juncus brachycarpus</i>	Short-fruit Rush
<i>Juncus caesariensis</i>	New Jersey Rush
<i>Juncus coriaceus</i>	Awl-leaf Rush
<i>Juncus elliotii</i>	Elliott's Rush
<i>Juncus torreyi</i>	Torrey's Rush
<i>Kalmia polifolia</i>	Pale-laurel
<i>Lemna perpusilla</i>	Minute Duckweed
<i>Lemna valdiviana</i>	Pale Duckweed
<i>Limosella subulata</i>	Awl-leaf Mudwort
<i>Linnaea borealis</i>	Twinflower
<i>Linum intercursum</i>	Sandplain Flax
<i>Listera cordata</i>	Heartleaf Twayblade
<i>Listera smallii</i>	Appalachian Twayblade
<i>Lobelia boykinii</i>	Boykin's Lobelia
<i>Lobelia dortmanna</i>	Water Lobelia
<i>Lonicera canadensis</i>	American Fly-honeysuckle
<i>Luzula acuminata</i>	Hairy Wood-rush
<i>Lycopodium annotinum</i>	Stiff Club-moss
<i>Malaxis monophyllos</i>	White Adder's-mouth
<i>Melanthium virginicum</i>	Virginia Bunchflower
<i>Micranthemum micranthemoides</i>	Nuttall's Mudwort
<i>Milium effusum</i>	Tall Millet Grass
<i>Monarda clinopodia</i>	Basil Beebalm
<i>Myriophyllum pinnatum</i>	Cutleaf Water-milfoil
<i>Myriophyllum sibiricum</i>	Common Water-milfoil
<i>Myriophyllum tenellum</i>	Slender Water-milfoil
<i>Myriophyllum verticillatum</i>	Whorled Water-milfoil
<i>Narthecium americanum</i>	Bog Asphodel
<i>Nelumbo lutea</i>	American Lotus
<i>Nuphar microphyllum</i>	Small Yellow Pond-lily
<i>Ophioglossum vulgatum</i> var. <i>pycnostichum</i>	Southern Adder's-tongue
<i>Panicum boreale</i>	Northern Panic Grass
<i>Panicum flexile</i>	Wiry Panic Grass
<i>Panicum hirstii</i>	Hirst Brothers' Panic Grass
<i>Penstemon laevigatus</i>	Smooth Beardtongue
<i>Phlox divaricata</i>	Wild Blue Phlox
<i>Phlox pilosa</i>	Downy Phlox
<i>Phyla lanceolata</i>	Fogfruit
<i>Picea rubens</i>	Red Spruce
<i>Platanthera flava</i> var. <i>flava</i>	Southern Rein Orchid
<i>Platanthera integra</i>	Yellow Fringeless Orchid
<i>Platanthera nivea</i>	Snowy Orchid
<i>Platanthera peramoena</i>	Purple Fringeless Orchid
<i>Pluchea foetida</i>	Stinking Fleabane
<i>Polemonium reptans</i>	Greek-valerian
<i>Polygonum densiflorum</i>	Dense-flower Knotweed

NAME	COMMON NAME
Potamogeton alpinus	Northern Pondweed
Potamogeton illinoensis	Illinois Pondweed
Potamogeton obtusifolius	Blunt-leaf Pondweed
Potamogeton praelongus	White-stem Pondweed
Potamogeton robbinsii	Robbin's Pondweed
Potamogeton zosteriformis	Eel-grass Pondweed
Potentilla palustris	Marsh Cinquefoil
Prenanthes racemosa	Smooth Rattlesnake-root
Ptelea trifoliata	Wafer-ash
Quercus lyrata	Overcup Oak
Quercus nigra	Water Oak
Ranunculus cymbalaria	Seaside Buttercup
Ranunculus reptans	Creeping Spearwort
Rhexia aristosa	Awed Meadow-beauty
Rhexia interior	Showy Meadow-beauty
Rhododendron canadense	Rhodora
Rhynchospora capillacea	Capillary Beaked-rush
Rhynchospora filifolia	Thread-leaf Beaked-rush
Rhynchospora globularis	Coarse Grass-like Beaked-rush
Rhynchospora glomerata	Clustered Beaked-rush
Rhynchospora knieskernii	Knieskern's Beaked-rush
Rhynchospora microcephala	Small-head Beaked-rush
Rhynchospora rariflora	Rare-flower Beaked-rush
Ribes missouriense	Missouri Gooseberry
Rubus canadensis	Smooth Blackberry
Rudbeckia fulgida	Orange Coneflower
Ruellia caroliniensis	Carolina Petunia
Sacciolepis striata	American Cupscale
Sagittaria australis	Southern Arrowhead
Sagittaria cuneata	Arum-leaf Arrowhead
Sagittaria teres	Slender Arrowhead
Salix pedicellaris	Bog Willow
Scheuchzeria palustris	Arrow-grass
Schoenoplectus torreyi	Torrey's Bulrush
Schwalbea americana	Chaffseed
Scirpus longii	Long's Woolgrass
Scirpus maritimus	Saltmarsh Bulrush
Scirpus microcarpus	Barberpole Bulrush
Scirpus pedicellatus	Stalked Woolgrass
Scleria verticillata	Whorled Nut-rush
Silene nivea	Snowy Catchfly
Sisyrinchium montanum	Strict Blue-eyed Grass
Smilacina trifolia	Three-leaf False Solomon's-seal
Solidago rigida	Prairie Goldenrod
Sparganium angustifolium	Narrow-leaf Burr-reed
Sparganium minimum	Small Burr-reed
Sphagnum angustifolium	Sphagnum
Sphagnum austinii	Sphagnum

NAME	COMMON NAME
<i>Sphagnum centrale</i>	Sphagnum
<i>Sphagnum contortum</i>	Sphagnum
<i>Sphagnum macrophyllum</i> var. <i>floridanum</i>	Sphagnum
<i>Sphagnum majus</i> ssp. <i>norvegicum</i>	Sphagnum
<i>Sphagnum platyphyllum</i>	Sphagnum
<i>Sphagnum quinquefarium</i>	Sphagnum
<i>Sphagnum riparium</i>	Sphagnum
<i>Sphagnum strictum</i>	Sphagnum
<i>Sphagnum subfulvum</i>	Sphagnum
<i>Sphagnum subsecundum</i>	Sphagnum
<i>Spiranthes laciniata</i>	Lace-lip Ladies'-tresses
<i>Sporobolus neglectus</i>	Small Rush-grass
<i>Stachys palustris</i> var. <i>homotricha</i>	Hairy Hedge-nettle
<i>Stellaria borealis</i>	Boreal Starwort
<i>Stellaria pubera</i>	Star Chickweed
<i>Streptopus amplexifolius</i>	White Twisted-stalk
<i>Streptopus roseus</i>	Rosy Twisted-stalk
<i>Suaeda rolandii</i>	Roland's Seablite
<i>Thuja occidentalis</i>	Arborvitae
<i>Tiarella cordifolia</i>	Foamflower
<i>Tofieldia racemosa</i>	False Asphodel
<i>Triadenum walteri</i>	Walter's St. John's-wort
<i>Trichomanes intricatum</i>	Weft Fern
<i>Triglochin maritima</i>	Seaside Arrow-grass
<i>Trollius laxus</i> ssp. <i>laxus</i>	Spreading Globe Flower
<i>Utricularia biflora</i>	Two-flower Bladderwort
<i>Utricularia minor</i>	Lesser Bladderwort
<i>Utricularia olivacea</i>	Dwarf White Bladderwort
<i>Utricularia resupinata</i>	Reversed Bladderwort
<i>Uvularia puberula</i> var. <i>nitida</i>	Pine Barren Bellwort
<i>Valerianella umbilicata</i>	Navel Cornsalad
<i>Veronica catenata</i>	Sessile Water-speedwell
<i>Viburnum alnifolium</i>	Witch-hobble
<i>Viola septentrionalis</i>	Northern Blue Violet
<i>Vitis novae-angliae</i>	New England Grape
<i>Wolffiella floridana</i>	Sword Bogmat
<i>Xyris caroliniana</i>	Sand Yellow-eyed-grass
<i>Xyris fimbriata</i>	Fringed Yellow-eyed-grass
<i>Xyris montana</i>	Northern Yellow-eyed-grass
<i>Zigadenus leimanthoides</i>	Death-camus