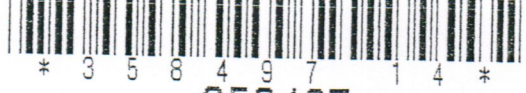


MIKE SEETA



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JEAN DIMKE, RECORDER  
JO DAVIESS COUNTY, IL  
10/04/2010 01:53:14PM

REC FEE: 61.00

**CONSERVATION EASEMENT AND REGISTRATION AGREEMENT  
CANYON CAMP ADDITION  
TO APPLE RIVER CANYON LAND AND WATER RESERVE**

KNOW ALL PEOPLE BY THESE PRESENTS, that this Registration Agreement in the form of a Grant of Conservation Right and Easement pursuant to the Real Property Conservation Rights Act, 765 ILCS 120, as amended, is made this 26<sup>th</sup> day of August, 2010.

**WITNESSETH:**

WHEREAS, the Boy Scouts of America, Blackhawk Area Council, whose address is 1800 7<sup>th</sup> Avenue, Rockford, 61104, (hereinafter with its heirs and assigns, called the "Grantor"), is the owner in fee simple of certain real property (hereinafter called "Registered Reserve") which supports natural heritage resources or archeological resources of Statewide significance and is described as follows:

see exhibit 'A'; and

WHEREAS, The Illinois Department of Natural Resources and the Illinois Nature Preserves Commission (hereinafter with their successors and assigns, called "Grantees"), are agencies of the State of Illinois with offices at One Natural Resources Way, Springfield, Illinois, 62701-1271; and

WHEREAS, The Grantor and Grantees, by this Registration Agreement and Conveyance to the Grantees of a Conservation Right and Easement on, over, and across the Registered Reserve, desire to conserve the natural heritage resources or archeological resources thereof and prevent the use or development of the Registered Area for any purpose or in any manner that would conflict with the maintenance of the significant natural features and associated ecological processes thereof; and

PREPARED BY: Randy Heidorn  
PLEASE RETURN TO: IL Nature Preserves Commission  
One Natural Resources Way  
Springfield, IL 62702

WHEREAS, "Natural heritage resources or archeological resources of Statewide significance" as used herein shall, without limiting the generality of the terms, mean the condition of the Registered Reserve at the time of execution of this document, and as indicated by reports, maps, photographs, and other documentation that the parties agree provide, collectively, an accurate representation of the Registered Reserve at the time of this grant and which is intended to serve as an objective information baseline for monitoring compliance with the terms of this grant; and

WHEREAS, The Grantees are willing to accept this Grant of Conservation Right and Easement subject to the reservations and to the covenants, terms, conditions, and restrictions set out herein and imposed hereby; and

WHEREAS, The Registered Reserve is registered for the purposes, and shall be held, maintained and used, as provided for in the Illinois Natural Areas Preservation Act, 525 ILCS 30 (hereinafter referred to as the "Act"), and the rules entitled the Register of Land and Water Reserves (17 Ill. Adm. Code, Part 4010) and as provided for in any amendment to that Act or rule, but no such amendment shall alter the commitment to the preservation of natural conditions of the Registered Reserve by the Grantor as of the date of this Registration Agreement;

NOW THEREFORE, The Grantor, for and in consideration of the above recitations and of the mutual covenants, terms, conditions, and restrictions hereinafter contained, and as an absolute and unconditional gift, does hereby give, grant, bargain, sell, and convey unto the Grantees, forever, a Conservation Right and Easement in perpetuity on, over, and across the Registered Reserve, consisting of the following:

1. The right to view the Registered Reserve in its natural, scenic, and open condition;
2. The right to enter the Registered Reserve at reasonable times upon reasonable notice to inspect the condition of the Registered Reserve;
3. The right to enforce by proceedings at law or in equity the covenants set forth below, it being agreed that there shall be no waiver or forfeiture of the Grantees' right to ensure compliance with the covenants and conditions of this grant by reason of any prior failure to act; and
4. The rights to all development which shall not be exercised on, above, or below the Registered reserve in a manner that would interfere with the preservation and conservation purposes of this Agreement.

And in furtherance of the above affirmative rights of the Grantees, the Grantor makes the following covenants which shall run with and bind the Registered Reserve, the Grantor shall not:



1. Commit any act or omission in violation of the rules entitled the Register of Land and Water Reserves, as amended (17 Ill. Adm. Code, Part 4010).

2. Fill, excavate, mine, or drill the Registered Reserve; remove topsoil, sand, gravel, rock, minerals, gas, oil, or other products that result in the alteration of surface topography of the Registered Reserve, unless such activities are for the purpose of restoring the original topography and/or natural community of the Registered Reserve in accordance with the Management Program; or install mechanical devices upon the Registered Reserve;

3. Allow commercial, industrial, or multiple dwelling activity on the Registered Reserve, nor shall any right of passage across or upon the Registered Reserve be allowed or granted without the mutual consent of the Grantee;

4. Construct or place on the Registered Reserve temporary or permanent buildings, docks or other structures, including mobile homes, trailers or recreational vehicles providing living quarters;

5. Construct or allow the construction of billboards, privacy fences, lighted signage, or other forms of advertising or promotion on the Registered Reserve that would distract from the nature-based scenic and aesthetic value of the Registered Reserve;

6. Build new roads or widen existing roads without the mutual consent of the Grantees and Grantor.

Grantor shall have prepared a Management Program in accordance with the Register of Land and Water Reserves, as amended. The Management Program is attached hereto and hereby approved by Grantees.

Grantees shall be subject to the provisions of the Act, as amended, as that Act relates to registered areas, and the rules entitled the Register of Land and Water Reserves, as amended, and shall hold and exercise the rights and responsibilities described therein.

Grantor agrees to incorporate this Grant of Conservation Right and Easement by reference in any deed or other legal instrument by which it divests itself of any interest in all or a portion of the Registered Reserve and to use reasonable efforts to notify Grantees of any such transaction.

The Registered Reserve shall remain as one tract whether under individual or multiple ownership and it shall not at any time be divided or subdivided as to ownership.

No right of access to the general public to any portion of the Registered Reserve is conveyed by this Agreement.



The Grantor intends that this Easement shall qualify for treatment as a "qualified conservation contribution" under Section 170(h) of the Internal Revenue Code of 1986 (hereinafter referred to as the Code). The Grantees are authorized hereby and under the Act and the Real Property Rights Act to enforce this Easement on behalf of the public and to take such other action as may be provided herein or under these Acts. The Grantees are governmental units described in Section 170(b)(1)(A)(v) of the Code.

If circumstances arise in the future which render the purpose of this Easement impossible to accomplish, this Easement can only be terminated or extinguished, with respect to the entire Registered Reserve or any portion thereof, by a written instrument executed on behalf of the Grantees. Any taking of the Registered Reserve or any portion thereof, under power of eminent domain, may occur only as provided in the Act and rules governing Registered Reserves. Upon such extinguishment, whether through eminent domain or otherwise, the Grantees shall be entitled, after the satisfaction of prior claims, to their share of the proceeds from any sale, exchange, financing, or involuntary conversion of all or any portion of the Registered Reserve subsequent to such termination or extinguishment, equal to the value of this Easement. The value of this Easement at the time of such extinguishment shall be determined as provided below. The Grantees shall use all such proceeds in a manner consistent with the conservation purposes of this grant, provided, however, that such use shall not be limited to the Registered Reserve.

This Easement constitutes a real property interest immediately vested in Grantees, which has a fair market value determined by multiplying the fair market value of the Registered Reserve unencumbered by this Easement by a fraction, of which the numerator shall be the value of the Easement at the time of this grant and the denominator shall be the value of the Registered Reserve, without deduction for the value of this Easement, at the time of this grant. The values at the time of this grant shall be those values used to calculate the deduction for federal income tax purposes allowable by reason of this grant, pursuant to Section 170(h) of the Code, as amended. For the purposes of this paragraph, the ratio of the value of the Easement to the value of the Registered Reserve unencumbered by this Easement shall remain constant, and the value of this Easement shall be equal to the difference in value between the Registered Reserve, without diminution attributable to this Easement, and the value of the Registered Reserve as encumbered by this Easement.

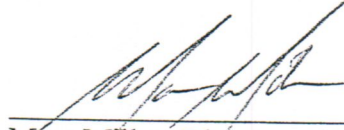
In the event Grantor claims a federal income tax deduction for donation of a "qualified conservation contribution" as that term is defined in Section 170(h) of the Internal Revenue Code, Grantor shall provide the Grantees with a copy of all appraisals of the fair market value of this Easement. Upon receipt of all such appraisals and this fully executed instrument, the Grantees shall sign any appraisal summary form prepared by the Internal Revenue Service and submitted to the Grantees by Grantor.



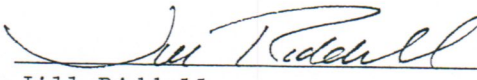




ACCEPTED:

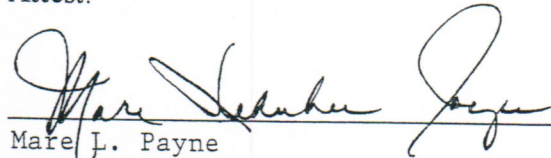
  
\_\_\_\_\_  
Marc Miller, Director  
Illinois Department of Natural Resources

9-30-10  
Date

  
\_\_\_\_\_  
Jill Riddell  
Chair, Illinois Nature Preserves Commission

9-21-10  
Date

Attest:

  
\_\_\_\_\_  
Mare L. Payne  
Secretary, Illinois Nature Preserves Commission

9/27/10  
Date



EXHIBIT 'A'

The West Half (W ½) of the Southwest Quarter (SW ¼) of the Southeast Quarter (SE ¼) of Section 13, and part of the North Half (N ½) of Section 24, all in Township 28 North (T28N), Range 3 East (R3E) of the Fourth Principal Meridian (4th PM), Jo Daviess County, Illinois, bounded and described as follows, to wit:

Commencing at the Southwest corner of the Northwest Quarter (NW ¼) of said Section 24; North 00 Degrees 55 Minutes 32 Seconds West, along the West line thereof, a distance of 332.23 feet to the Point of Beginning of the hereinafter described parcel of land; thence North 89 Degrees 04 Minutes 28 Seconds East, a distance of 792.23 feet to a point of tangent intersection of the Centerline of Broadway Road; thence North 43 Degrees 19 Minutes 50 Seconds East, along said tangent centerline, a distance of 335.33 feet (5.08 Chains deeded); thence North 79 Degrees 04 Minutes 50 Seconds East, along said tangent centerline, a distance of 790.12 feet (11.97 Chains deeded); thence North 38 Degrees 34 Minutes 50 Seconds East, along said tangent centerline, a distance of 680.56 feet (10.31 Chains deeded); thence North 30 Degrees 04 Minutes 50 Seconds East, along said tangent centerline, a distance of 1532.09 feet (23.21 Chains deeded) to the South line of said West Half (W ½) of the Southwest Quarter (SW ¼) of the Southeast Quarter (SE ¼) of Section 13; thence North 88 Degrees 50 Minutes 31 Seconds East, along said South line, a distance of 326.41 feet to the Southeast corner thereof; thence North 00 Degrees 32 Minutes 47 Seconds East, along the East line of said 20 acre parcel, a distance of 1337.92 feet to the Northeast corner thereof; thence South 89 Degrees 19 Minutes 11 Seconds West, along the North line of said parcel, a distance of 688.71 feet to the Northwest corner thereof; thence South 00 Degrees 43 Minutes 35 Seconds West, along the West line of said parcel, a distance of 1343.80 feet to the Northeast corner of the Northwest Quarter (NW ¼) of said Section 24; thence North 88 Degrees 58 Minutes 36 Seconds West, along the North line thereof, a distance of 1718.37 feet; thence South 18 Degrees 36 Minutes 32 Seconds East, a distance of 239.54 feet; thence South 29 Degrees 00 Minutes 59 Seconds East, a distance of 315.57 feet; thence South 89 Degrees 36 Minutes 33 Seconds East, a distance of 287.91 feet to the Centerline of a creek running Southerly & Westerly through said Quarter Section; thence South 78 Degrees 19 Minutes 39 Seconds East, along said Centerline, a distance of 95.19 feet; thence South 39 Degrees 48 Minutes 03 Seconds East, along said Centerline, a distance of 80.32 feet; thence South 17 Degrees 55 Minutes 51 Seconds East, along said Centerline, a distance of 75.73 feet; thence South 60 Degrees 37 Minutes 33 Seconds West, along said Centerline, a distance of 120.61 feet; thence South 52 Degrees 46 Minutes 23 Seconds West, along said Centerline, a distance of 78.60 feet; thence South 19 Degrees 34 Minutes 37 Seconds East, along said Centerline, a distance of 77.33 feet; thence South 12 Degrees 33 Minutes 30 Seconds East, along said Centerline, a distance of 41.19 feet; thence South 22 Degrees 59 Minutes 45 Seconds West, along said Centerline, a distance of 142.34 feet; thence South 03 Degrees 26 Minutes 12 Seconds East, along said Centerline, a distance of 28.04 feet; thence South 57 Degrees 37 Minutes 39 Seconds East, along said Centerline, a distance of 43.84 feet; thence North 87 Degrees 17 Minutes 06 Seconds East, along said Centerline, a distance of 27.61 feet; thence North 66



Degrees 50 Minutes 17 Seconds East, along said Centerline, a distance of 39.55 feet; thence North 43 Degrees 51 Minutes 51 Seconds East, along said Centerline, a distance of 162.56 feet; thence South 70 Degrees 57 Minutes 25 Seconds East, along said Centerline, a distance of 50.30 feet; thence South 04 Degrees 00 Minutes 57 Seconds East, along said Centerline, a distance of 67.79 feet; thence South 15 Degrees 23 Minutes 22 Seconds West, along said Centerline, a distance of 43.85 feet; thence South 23 Degrees 33 Minutes 14 Seconds West, along said Centerline, a distance of 59.98 feet; thence South 27 Degrees 32 Minutes 47 Seconds West, along said Centerline, a distance of 41.47 feet; thence South 51 Degrees 28 Minutes 55 Seconds West, along said Centerline, a distance of 211.91 feet; thence South 49 Degrees 46 Minutes 27 Seconds West, along said Centerline, a distance of 371.43 feet; thence South 68 Degrees 42 Minutes 13 Seconds West, along said Centerline, a distance of 386.84 feet; thence South 72 Degrees 11 Minutes 06 Seconds West, along said Centerline, a distance of 111.37 feet; thence South 76 Degrees 41 Minutes 25 Seconds West, along said Centerline, a distance of 92.43 feet; thence South 81 Degrees 35 Minutes 39 Seconds West, along said Centerline, a distance of 302.31 feet; thence South 55 Degrees 01 Minutes 55 Seconds West, along said Centerline, a distance of 42.01 feet; thence South 69 Degrees 50 Minutes 50 Seconds West a distance of 85.56 feet; thence South 65 Degrees 34 Minutes 36 Seconds West, along said Centerline, a distance of 80.71 feet; thence South 79 Degrees 57 Minutes 36 Seconds West, along said Centerline, a distance of 63.08 feet; thence North 89 Degrees 24 Minutes 44 Seconds West, along said Centerline, a distance of 67.23 feet to the West line of said Northwest Quarter (NW  $\frac{1}{4}$ ) of said Section 24; thence South 00 Degrees 55 Minutes 32 Seconds East, along said West line, a distance of 434.14 feet to the Point of Beginning; Containing 85.094 acres, more or less (PIN: 18-000-222-00 and 18-000-105-00).

The rights, conditions and liabilities of the previously described Easement shall not include, or extend over any portion that 0.276 acre area lying North of the existing fence South of the North line of said West Half (W  $\frac{1}{2}$ ) of the Southwest Quarter (SW  $\frac{1}{4}$ ) of the Southeast Quarter (SE  $\frac{1}{4}$ ) of Section 13; said area being bounded and described as follows, to wit:

Beginning at the Northwest corner of said West Half (W  $\frac{1}{2}$ ) of the Southwest Quarter (SW  $\frac{1}{4}$ ) of the Southeast Quarter (SE  $\frac{1}{4}$ ) of Section 13; thence North 89 Degrees 19 Minutes 11 Seconds East, along the North line thereof, a distance of 688.71 feet to the Northeast corner of said West Half (W  $\frac{1}{2}$ ) of the Southwest Quarter (SW  $\frac{1}{4}$ ) of the Southeast Quarter (SE  $\frac{1}{4}$ ) of Section 13; thence South 00 Degrees 32 Minutes 47 Seconds West, along the East line thereof, a distance of 11.0 feet, more or less to an existing fence; thence South 88 Degrees 14 Minutes 46 Seconds West, along said fence, a distance of 689.2 feet, more or less to the West line of said West Half (W  $\frac{1}{2}$ ) of the Southwest Quarter (SW  $\frac{1}{4}$ ) of the Southeast Quarter (SE  $\frac{1}{4}$ ) of Section 13; thence North 00 Degrees 43 Minutes 35 Seconds East, along said West line, a distance of 23.9 feet, more or less to the Point of Beginning; containing 0.276 acres more or less.

The rights, conditions and liabilities shall also not include, or extend over any portion of the previously described Easement falling within the Right-of-Way of Broadway Road lying along the Easterly and Southerly side thereof.



**SITE MANAGEMENT GOALS FOR THE  
CANYON CAMP ADDITION  
TO APPLE RIVER CANYON LAND AND WATER RESERVE  
3-Year Management Plan**

**Prepared by:** John C. Nelson  
Ed Anderson  
**Date:** September, 2010

**Site Name:** Canyon Camp Addition to Apple River  
Canyon L&WR  
**County:** Jo Daviess

**Land Owner:** Boy Scouts of America, Blackhawk Area Council (BSA)

**Manager:** BSA

**Custodian:** BSA  
**Steward:**

**OBJECTIVES FOR ESTABLISHING THE RESERVE:**

The Apple River Canyon Nature Preserve (442 acres) and Land and Water Reserve (181.9 acres) were established to protect and manage dry-mesic and mesic upland forest, mesic floodplain forest, dolomite cliff communities, significant stream segments, and prairie and forest restorations. The 85.1-acre Canyon Camp Addition to Apple River Canyon Land and Water Reserve serves as important buffer to high-quality natural communities and helps protect the scenic beauty of the Apple River Canyon and Canyon Camp. The site provides protection for significant resources of the Apple River, including some of the best examples owned by the Boy Scouts and the Illinois Department of Natural Resources (IDNR) of the original upland and ravine forests, dolomite cliffs, and perennial stream of the Wisconsin Driftless Natural Division of Illinois. The Canyon Camp Addition should be managed to maintain the native biodiversity and unique plant assemblages found on the property. The site is owned, used, and managed by the Boy Scouts of America, Blackhawk Area Council for primitive and passive outdoor recreation and educational activities associated with the programs offered at their Boy Scout Canyon Camp. The site provides excellent opportunities for hiking, nature study, wildlife observation, research, camping, pioneering, orienteering, and ecological restoration. Such activities will be conducted in a manner compatible with the protection and restoration of natural features found in Apple River Canyon and the natural communities and natural habitats found on the Canyon Camp Addition.

**STATUS OR CONDITION OF NATURAL FEATURES PRESENT:**

The Canyon Camp Addition consists of approximately 79 acres of dry-mesic and mesic upland forests and 6.1 acres of pine plantations. Coon Creek, a tributary of the Apple River flows along the western boundary of the reserve. The creek is flanked by relatively small dolomite cliffs with associated cliff communities. The most notable cliff community occurs in the far northwest corner of the reserve where a population of the state-threatened *sullivantia* was documented in 2010. The cliff communities are remote and are rather inaccessible and in relatively undisturbed condition. The dry-mesic and mesic upland forests have not been logged or grazed for at least 70 years. In many places, the forest floor is carpeted with penn sedge and numerous spring ephemerals. The dry-mesic forest is lacking oak hickory regeneration and appears to be successionaly changing to mesic forest dominated by shade tolerant species such as sugar maple and basswood. On occasion, a lone naturally occurring white pine tree can



be found along the cliff top overlooking Coon Creek. Canada yew is an abundant and naturally occurring component of the cliff communities. The pine plantations are rather small and consist of mature red and white pine.

Water drainage from the site is to Coon Creek via surface flow and intermittent drainage features. The Apple River down stream supports high diversity of fish and freshwater mussels populations. Some river segments have been classified as Class B stream segments (i.e. Highly Valued Aquatic Resources) by the IEPA Biological Stream Characterization. In addition, the Apple River downstream of Canyon Camp supports diverse fresh water mussel fauna and at least one state listed species (Black sandshell).

#### **TYPES AND EXTENT OF DEGRADATION; POTENTIAL FOR RESTORATION:**

The natural communities at the Canyon Camp Addition are recovering from past grazing and timber harvesting that occurred there more than 70 years ago. Oak and hickory regeneration is lacking and sugar maple and basswood numbers are on the rise. The cliff communities are remote and remain in relatively undisturbed condition.

Garlic mustard (*Alliaria petiolata*) is established in portions of the forest community and will be difficult to control. Control measures will include prescribed burning, herbicide treatment, and perhaps biological control. As appropriate, control of exotic and invasive native species will be according to approved INPC Vegetation Management Guidelines.

#### **AMOUNT OF CURRENT/POTENTIAL VISITOR USE, AS RELATED TO MANAGEMENT ISSUES**

Public access will not be permitted on the Canyon Camp Addition without permission of the landowner. The site will be used for passive recreation and outdoor activities as part of the programs offered at the adjacent Canyon Camp owned by the Boy Scouts of America, Blackhawk Area Council. The BSA reserves the right to use a portion of the site as a primitive camping outpost. It may be necessary to install a water line/well, electric, and restroom facilities with guidance and approval from staff of the INPC and IDNR. Such amenities will be planned and located in areas appropriate for such use and shall not damage or complicate the management of the remaining area for natural area restorations. Trails will also be planned and established with guidance and approval from staff of the INPC and IDNR. Ecologic restorations, management activities, trail maintenance, etc., on the Canyon Camp Addition can be accomplished as part of merit badge lessons and rank advancement for scouts attending Canyon Camp.

#### **POTENTIAL LINKAGE WITH NEARBY NATURAL LANDS; LAND ACQUISITION BEING CONSIDERED**

The existing Apple River Canyon Land and Water Reserve, owned by the Illinois Department of Natural Resources, is 181.9-acres. The proposed Wiley addition (34.4 acres) increases this acreage to 216.4 acres. Total acreage further increases to 301.5 acres with approval of the Canyon Camp addition (85.1 acres). In the near future, the NLI desires to transfer the remaining 104.7 acres of the former Wiley tract to the IDNR for its registration. If all these registration proposals are approved, the total land area protected as the Apple River Canyon Land and Water Reserve will increase from 181.9-acres to 406.2-acres. The associated Apple River Canyon Nature Preserve, owned by the IDNR, is currently 442.1-acres. Other land protection strategies along the Apple River are taking place downstream by the JoDaviess Conservation Foundation.



## THREATS TO INTEGRITY OF RESERVE

The main threats to the natural quality of the Apple River are potential water pollution from off-site sources. In 1998, the Apple River was named the ninth most endangered river in the country by American Rivers, the nation's leading river conservation group. The proposed construction of factory hog farms in the Apple River watershed was cited as a primary reason for this listing. Potential manure spills from such farms (including mega dairy facilities) and the spreading of vast amounts of animal manure on farm fields could threaten the water quality and fish habitat of the river. The main threat to the integrity of the Canyon Camp Addition is from invasive species. Exotic plant species such as garlic mustard, honey suckle, canada thistle, and black locust are present in some locations. Exotic and invasive plants should be controlled as needed to prevent their increase and spread.

## RELEVANCE OF THE PRESERVE TO THE WILDLIFE ACTION PLAN (IWAP)

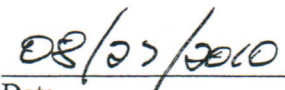
Restoration and management of the upland mesic and dry-mesic forests and listed species is a Priority Action identified in the IWAP. The Canyon Camp Addition protects a coldwater fishery and stream with primary cliff communities. It also protects a large forest block of contiguous forest for neotropical migratory birds and protects the continuum of habitats found along the gradient from aquatic to dry upland forest.

## OVERALL MANAGEMENT GOALS (RANKED IN PRIORITY ORDER):

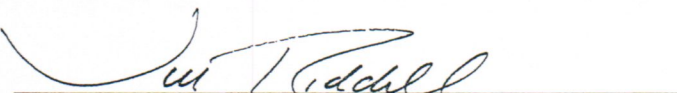
1. Protect the Apple River Canyon Land and Water Reserve from encroachment and related disturbance and provide buffer and further protection for Apple River Canyon Nature Preserve.
2. Utilize management techniques to restore, maintain and/or enhance the vegetative condition of the mesic upland forest and convert portions of the open pastureland to native prairie and/or forest.
4. Provide for compatible outdoor recreational opportunities, including, but not limited to: primitive camping, hiking, nature observation/appreciation, pioneering, orienteering, star-gazing, and council fires/ceremonies.

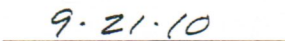
Management Schedule has been reviewed by:


Landowner BSA:   
Don Kinney, BSA

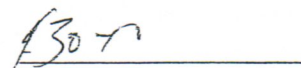
  
Date

Management Schedule has been reviewed and approved by:

  
Jill Riddell  
Chair, Illinois Nature Preserves Commission

  
Date

  
Marc Miller,  
Director, Illinois Dept. of Natural Resources

  
Date



## MANAGEMENT UNIT FEATURES

Canyon Camp Addition to Apple River Canyon Land and Water Reserve

### MANAGEMENT UNIT

### FEATURES

General 'A'	Registered Addition to Land & Water Reserve
Unit 'B'	Mesic and dry-mesic upland Forest ~ 79 acres
Unit 'C'	Pine plantations ~ 6 acres
Unit 'D'	Dry and wet dolomite cliffs Population of state-threatened sullivantia

### OTHER SITE INFORMATION

Natural Heritage Biologist: Ed Anderson

Natural Areas Preservation Specialist: John Nelson

Volunteer Steward: none

Topographic Map(s): Scales Mound East and Elizabeth NE, ILL 7.5'

Location: T28N, R3E, Sections 24, 4<sup>th</sup> PM

Natural Division: Wisconsin Driftless

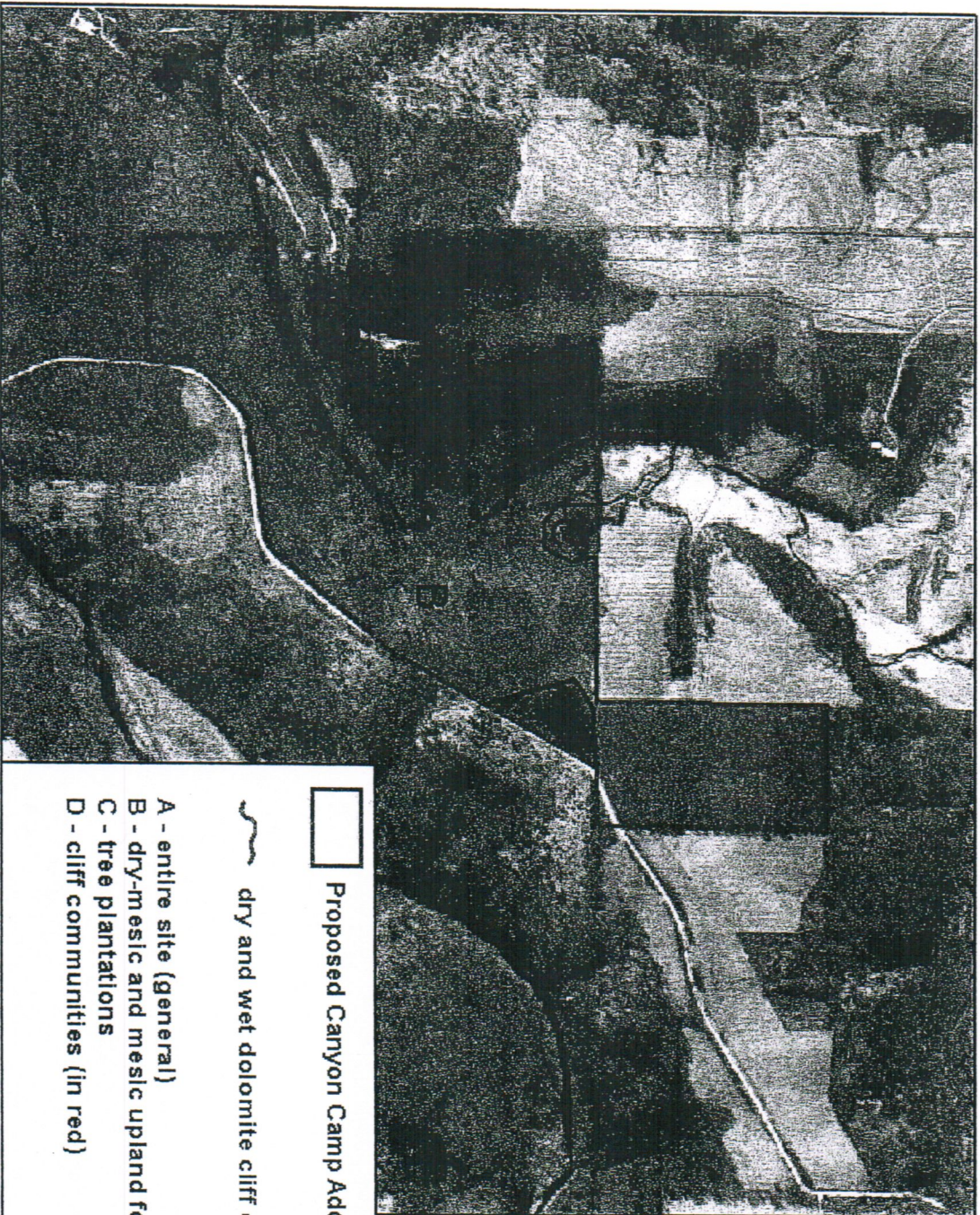
Registration Date: September 2010


Legislative District:

Size: 85.1 acres



# Canyon Camp Addition Management Units



 Proposed Canyon Camp Addition to ARC L&WR

 dry and wet dolomite cliff communities

- A - entire site (general)
- B - dry-mesic and mesic upland forest communities
- C - tree plantations
- D - cliff communities (in red)





**Illinois Land and Water Reserve 3-Year Management Schedule**  
**Site Name: Canyon Camp Addition to Apple River Canyon L&WR**

Period: 2010-2013  
 Expiration Date: September, 2013

Management Unit	Management Objective	Management Action	Schedule (Months, Years)	Lead Party	Lead Person or Organization
A. General (Entire Site) Mesic and Dry-mesic Upland Forest	Identify ecological changes and other management concerns	Conduct semi-annual site surveillance	semi-annually	INPC/IDNR	NAPS / DHB
	Protect site from encroachment and disturbance	Post and maintain boundary signs along Broadway Road	as needed	Landowner	BSA
	Improve native plant community structure and diversity	Identify and monitor exotic and invasive species	annually Apr - Aug	Landowner	BSA
Pine plantations	Facilitate and promote recreational and educational uses	Develop and maintain a system of hiking trails, primitive camping area, and identify areas appropriate for outdoor education programs and amenities	Ongoing	Landowner INPC/IDNR	BSA INPC/IDNR
		Control exotics: garlic mustard, bush honeysuckle and multiflora rose and other exotics.	Spray 1 <sup>st</sup> year herbaceous exotic plants with 2% Roundup; hand-pull small populations of exotic herbaceous plants; cut and treat honeysuckle stumps w/ 20% RU or Garlon4 with basal bark oil.	Ongoing Mar - Apr	Landowner
B. Mesic and Dry-mesic upland Forest	Restore diversity of natural communities	Use prescribed fire to maintain woodland communities.	5 year rotational burns	Landowner INPC/IDNR	BSA INPC/IDNR
		Maintain healthy timber stand and promote hardwood replacement	Remove dead or dying individual pine trees as needed.	5 year rotational burns	Landowner INPC/IDNR
C. Pine plantations.	Maintain native species and biodiversity of cliff communities	Monitor state-threatened population of sullivanita and investigate for other rare, unusual or state-listed species	as practical	INPC/IDNR	INPC/IDNR
D. Cliff communities					

BSA = Boy Scouts of America, Blackhawk Area Council; INPC = Illinois Nature Preserves Commission; IDNR = Illinois Department of Natural Resources.