



United States Department of Agriculture

February 13, 2019

Salt River Valley Hunt Club  
c/o Mark Eshraghi  
P.O. Box 1740  
Osage Beach, Missouri 65065

Dear Mr. Eshraghi:

Enclosed is an approved Compatible Use Agreement (CUA) associated with your Department of Agriculture – Natural Resources Conservation Service (NRCS) Agricultural Conservation Easement Program – Wetlands Reserve Easement (ACEP-WRE) agreement #66642411013WV, with authorization # 2019-01, which is located in Pike County, Missouri. Those compatible uses granted back to you are for a specified period, frequency, and duration and follow NRCS best management practice guidelines for easement programs. See the CUA for statement of effect, compatibility, and special conditions. The CUA is valid through August 1, 2024.

NRCS retains the right to modify or cancel this CUA at any time if NRCS determines that such activities do not further the protection and enhancement objectives of the easement, or that the landowner has failed to comply with the specified terms and conditions of the agreement. The landowner engages in such activities at their own risk. This authorization does not vest any right of any kind in the landowner. This authorization is null and void after the expiration date specified above. By signing the CUA, the landowner agrees to the terms described on any referenced documents.

If you require additional information, please contact the Wetland Emphasis Team in Fulton, Missouri, at (573) 592-1400 extension 6, from 7:30 a.m. through 4:00 p.m., Monday through Friday. Thank you for your continued support in ACEP.

Sincerely,

J. Christopher Hamilton  
Assistant State Conservationist – Water Resources and Easements

Enclosures

cc:

Brian LeGrand, Wetland Team Leader, NRCS, Jackson, Missouri  
Wyn Kelley, Soil Conservationist, NRCS, Fulton, Missouri  
Shawn Duckworth, Wetland Services Biologist, MDC, Fulton, Missouri



**UNITED STATES DEPARTMENT OF AGRICULTURE**  
**Natural Resources Conservation Service**  
**WRP COMPATIBLE USE AGREEMENT**

FEB 06 2019

County: Pike	Legacy Contract Number NEST #66642411013WV	Expiration Date: August 1, 2024
Authorization Number: 2019-01		
A. Person Responsible for Agreed-To Activities (Name, Address, & Tel. No.) Salt River Valley Hunt Club c/o Mark Eshraghi P.O. Box 1740 Osage Beach, Missouri 65065 Ph 314-494-4621		
B. Is this authorization assignable to subsequent landowner(s)? YES <u>X</u> NO <u>    </u>		(NRCs initial Block) <div style="border: 1px solid black; padding: 2px; display: inline-block;">JJB</div> <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block; vertical-align: middle;"></div>
Purpose: To permit the landowner or their assigns to perform/conduct the following Compatible Uses for the specified period, frequency and durations:		
<ol style="list-style-type: none"> <li>1) To allow prescribed burning with an approved Burn Plan from NRCS or MDC PLC/Biologist with restrictions on acreages, timing and frequency.</li> <li>2) To control woody encroachment and plant succession in herbaceous field by mowing or disking with restrictions on areas to affect and timing.</li> <li>3) To plant food plots with restrictions to size, distance from other food plots and individual sizes as supplemental foods for wildlife and <u>not for harvest</u>.</li> <li>4) Haying will be allowed to control woody encroachment in herbaceous fields and to promote younger succession vegetation.</li> <li>5) To provide levee/road maintenance by mowing during certain periods of the year with certain restrictions on mowing /burning frequency.</li> <li>6) To allow for water level manipulations to provide varying depths and coverage within pools and provide critical water bird and other wetland wildlife seasonal habitat.</li> <li>7) Trails, field roads and levee tops are points of access.</li> <li>8) To allow a supplemental water source, to be used by providing pool water by pumping from wells or adjacent water systems to provide food, nesting &amp; brood rearing habitat, and diversity of plants for both migratory and resident wildlife. Time limits for non-permanent pumping equipment to be kept on the easement area.</li> </ol>		
D. Location Description (Attach a copy of map showing approximate area of compatible use.): T 54 N, R2 W, Sec. 4 Herbaceous = Field 1A, 1B, 1C, 2A, 2B & 2C = 177.2 ac. Woods = Field 3 = 20.2 Levee/Mounds = Fields 4A-4H = 23.7 <span style="float: right;">Total Easement Acres = 221.1</span>		
E. Beginning Condition of Site: Restored herbaceous & wooded wetland.		
F. Statement of Affect & Compatibility:  NRCS issues certain compatible uses to the landowner at their request to maximize benefits to migratory birds, T/E species and other wetland wildlife and to provide outdoor recreational opportunities. The above listed compatible uses have been deemed acceptable by the WET team administrating the easement.		

G. Special Conditions, Specifications and Other Details Including Information From Consultation with FWS, CD and State Wildlife Agency.

1) Total herbaceous acreage is 177.2 acres. You may burn up to 33% of the total herbaceous area (58.5 acres) with an NRCS/MDC approved plan in fields 1A, 1B, 1C, 2A, 2B & 2C. Burning will be conducted between the dates of March 1 through April 30 or between the dates of July 15 through September 30 only unless the WET allows a variance with differing dates in writing. Acres mowed, disked or hayed cannot be burned the same calendar year.

2) Total herbaceous acreage is 177.2 acres. Portions of all herbaceous fields may:

- ...be mowed or disked once annually.
- ...area to be disturbed will be allowed over 33% of the total herbaceous area, not to exceed 58.5 acres annually. Any changes to this acreage will be authorized by the WET by addendum.
- ...mowing/disking may only be implemented after July 15 to avoid the primary nesting period unless authorized by the WET by Addendum.
- Acres burned or hayed cannot be mowed or disked during the same calendar year.
- The landowner is responsible for the control and eradication of all local, county or state listed noxious plants.

3) Food plots:

- ...may not exceed 5% of the easement area (11.1 acres).
- ...may not exceed an individual size greater than 2.2 acres.
- ...must be planted at least 50' apart and rotated annually.
- ...may only be planted in herbaceous fields and existing open areas within existing or planned wooded areas. Food plots that are planted in non-herbaceous areas or areas planned for natural regeneration to trees will not be rotated.
- ...must in no way adversely impact wetland conditions on the Easement.
- ...must not be for harvest and will be left standing as food and structure for wildlife.
- ...seed sources are restricted to row crop, cereal grains, millets, buckwheat or other seed sources as identified by the WET in writing.

4) Total herbaceous acreage minus the managed pool area is 24.1 acres. Haying will be allowed over 25% of the herbaceous fields and not to exceed 6.0 acres annually. Haying is not allowed during the primary nesting period of May 1 through July 15 of the year. Acres disked, mowed or burned cannot be hayed during the same calendar year.

Total herbaceous acreage within the pool area is 153.1 acres. Haying will be allowed over 50% of the pool area with Prairie Cordgrass/Reed's Canary grass/Woody encroachment not to exceed 76.6 acres. Haying entire pool herbaceous area can be authorized once in a four year period with an approved Addendum to this CUA. Haying is not allowed during the primary nesting period of May 1 through July 15 of the year. Acres disked, mowed or burned cannot be hayed during the same calendar year.

5) Levee sides may be mowed once annually after July 15<sup>th</sup>. Levee tops and roads may be mowed twice annually to provide access but not between the dates of the primary nesting season of May 1 through July 15 of the year. Levees can also be burned once every three years between March 1 and April 30. All burning will be conducted in accordance with a NRCS or MDC approved burn plan. Landowner is responsible to protect the water control structure(s) during any mowing or burning. Fields 4A-4H = 23.7

6) Manipulation of water control structures (WCS) must be in accordance with an NRCS provided plan (see attached plan).

7) Trails, field roads and levee tops are points of access for landowner and NRCS for maintenance, management and monitoring efforts and may be maintained for traversing the easement area.

8) If artificial water sources (pumps) are used then:

- All pump/well locations must be approved by NRCS prior to installation.
- An approved fuel containment basin must be provided for diesel/gasoline engines (see Dept. Of Agriculture bulletin).
- Location of electric lines buried or overhead must be pre-approved by NRCS. All buried lines must be marked and these markers maintained for the life of the contract and in addition must be installed with "safety tape" in accordance with the Standards and Specifications as set by Farmers Electric Cooperative.
- Pump discharge location must be equipped with an "energy dissipater" in order to prevent creation of a plunge hole.

All pumping activities will be in accordance with an NRCS prepared Wetland/Water Management Plan (see attached plan). Non-permanent pumping equipment (tractors, power units, pump units, butyl tubing, fuel containers, fuel transporters, transfer pipes, etc.) when not in use during the period August 1 through January 31 of

Salt River Valley Hunt Club # 11013WV

the following year are required to be removed from the easement area.

- Landowner is responsible for any adverse effects to fish/mollusk populations and/or other aquatic life due to pumping from natural water sources including but not limited to streams, oxbow lakes and drainage ditches. In the event the Landowner wishes to pump from such a source, then it is suggested that the Landowner consult with the local MDC Fisheries Management Biologist to ensure that fish kills due to oxygen depredation and/or the exposure of mollusk beds are avoided.
- The Landowner is also responsible for ensuring that water quality issues involving pumping apparatuses do not violate State Water Quality provisions and/or compromise the integrity of the functions and values of the wetland and associated wetland wildlife. In addition, the Landowner may be required to report water usage to the Dept. of Natural Resources (MoDNR) if the pumping apparatus has the capacity to pump or divert 70 or more gallons per minute. Landowners must register with the Geological Survey & Resource Assessment Division of MoDNR under the provisions of the "Major Water User Law" at the following address:  
 Missouri Department of Natural Resources  
 Geological Survey and Resource Assessment Division  
 Water Use and Economics Unit  
 P.O. Box 250  
 Rolla, MO 65402  
 (573) 368-2188
- The establishment of a pump site on the easement area will be with the approval of the NRCS. Fuel and/or petroleum product spill containment provisions will meet or exceed those provisions as outlined in the Missouri Department of Agriculture, Division of Weights and Measures State Code of Regulations 2 CSR 90-30.050 "Inspection of Premises" parts (27), (29) and (30) regardless of specified fuel quantities (copy attached). If a fuel or petroleum spill occurs, the landowner has the responsibility to contact:

Missouri Department of Natural Resources  
 Hazardous Waste Program  
 Environmental Emergency Response  
 (573) 634-2436 (24 hour response number)

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NRCS retains the right to modify or cancel this compatible use authorization at any time if the NRCS determines that such activities do not further the protection and enhancement objectives of the easement, or that the landowner has failed to comply with specified terms and conditions. The landowner engages in such activities at his/her own risk. This authorization does not vest any right of any kind in the Landowner. This authorization is null and void after the expiration date specified above. By signing this document, the landowner agrees to the terms described above and on referenced documents.

Recommended (NRCS Signature, Title, Date)

John Baber 1/24/19

Landowner or Representative (Signature, Date)

X [Signature] 2/1/2019  
Salt River Valley Hunt Club c/o Mark Eshraghi

Approved (NRCS Signature, Title, Date)

J HAMILTON

Digitally signed by J HAMILTON  
Date: 2019.02.12 14:01:26 -06'00'

**WRP Easement Water Management Guidelines**  
*Fall 2019 through Spring 2024*  
**WRP# 66642411013WV**

**Landowner:** Salt River Valley Hunt Club  
c/o Mark Eshraghi

**Date Prepared:** January 23, 2019

**County:** Pike

**Prepared by:** Shawn C. Duckworth  
MDC Wetland Services Biologist

**Goal:** 1. Provide a diversity of water regimes for wetland dependant wildlife throughout the five (5) year period. 2. To provide recreational opportunities for landowner for waterfowl hunting by providing moist soil and emergent marsh plant communities. Both goals will be achieved through water level manipulations from early fall through early to late spring, and through succession treatments including; mowing, disking, food plots, fire, and water. Wetland management overall will emphasize herpes, shorebirds, wading birds, and migratory/resident waterfowl, as well as neo-tropical migrants.

**North Herbaceous Wetland / Field 1A:** This pool will be managed as a moist soil unit. Marsh will encompass approximately 35.79 surface acres, 41.26 acre/feet, when at full pool (elev. ~ 453.0 / 2.0' of boards).

Wading birds, shorebirds, migrating waterfowl as well as resident waterfowl will be emphasized over this five year period.

Yearly guidelines for water manipulations are as follows:

- Fall 2019 – (**Opportunistic Scenario**) Insert all boards (2.0') in early to mid-August.
- Spring 2020 – In early-, to mid-May, drawdown wetland to top of 2<sup>nd</sup> board. Accomplish this by removing 1.2' of boards, over an extended period of time. Ideally, drawdown should be 1/10' /day.
- Fall 2020-2024 – Follow guidelines established for 2019.
- Spring 2021-2024 – Follow guidelines established for 2020.

**Southwest Herbaceous Wetland / Field 1B:** This pool will be managed as a moist soil unit. Marsh will encompass approximately 39.24 surface acres, 37.77 acre/feet, when at full pool (elev. ~ 454.0 / 2.6' of boards).

Wading birds, shorebirds, migrating waterfowl as well as resident waterfowl will be emphasized over this five year period.

Yearly guidelines for water manipulations are as follows:

- Fall 2019 – (**Opportunistic Scenario**) Insert all boards (2.6') in early to mid-August.
- Fall 2019 – (**Pumping Scenario**) Fill pool to the following elevations, with the overriding philosophy of mimicking ½' floods;
  - September 1 – 452.5 / 1.2' of boards
  - November 1 – 452.5 / 1.2' of boards
  - November 15 – 453.0 / 1.6' of boards
  - December 1 – 453.5 / 2.1' of boards
  - December 15 – 454.0 / 2.6' of boards
- Spring 2020 – In early-, to mid-May, drawdown wetland to top of 3<sup>rd</sup> board. Accomplish this by removing 1.4' of boards, over an extended period of time. Ideally, drawdown should be 1/10' /day.
  
- Fall 2020-2024 – Follow guidelines established for 2019.
- Spring 2021-2024 – Follow guidelines established for 2020.

**Southeast Herbaceous Wetland / Field 1C:** This pool will be managed as a moist soil unit. Marsh will encompass approximately 81.19 surface acres, 80.18 acre/feet, when at full pool (elev. ~ 453.0 / 2.7' of boards).

Wading birds, shorebirds, migrating waterfowl as well as resident waterfowl will be emphasized over this five year period.

Yearly guidelines for water manipulations are as follows:

- Fall 2019 – (**Opportunistic Scenario**) Insert all boards (2.7') in early to mid-August.
- Fall 2019 – (**Pumping Scenario**) Fill pool to the following elevations, with the overriding philosophy of mimicking ½' floods;
  - September 1 – 451.5 / 1.2' of boards
  - November 1 – 451.5 / 1.2' of boards
  - November 15 – 452.0 / 1.7' of boards
  - December 1 – 452.5 / 2.2' of boards
  - December 15 – 453.0 / 2.7' of boards
- Spring 2020 – In early-, to mid-May, drawdown wetland to top of 3<sup>rd</sup> board. Accomplish this by removing 1.5' of boards, over an extended period of time. Ideally, drawdown should be 1/10' /day.
  
- Fall 2020-2024 – Follow guidelines established for 2019.
- Spring 2021-2024 – Follow guidelines established for 2020.

**\*SPECIAL NOTES\***

- If levee district/drainage district is operation pump-out, then all drawdown management activities may cease. And all boards may be reinstalled back to the full pool mark.
- Attempt to diversify water regimes between the three pools. Accomplish by varying drawdown dates between pools. Also, hold one at full, one at ½', and draw one down, during the summer. Vary this strategy among years as well.
- Agri-Drain brand stop-log water control structure should be set at full pool – 2.2' of boards. The main function of this structure is to transfer water from the southwest pool to the southeast pool. Water may be transferred at any time, spring or fall. Spring would be to facilitate management of moist-soil plant community. Fall would be to facilitate water economy, by transferring water from utilized habitat, into new habitat.
- Landowner is encouraged to maintain existing herbaceous areas by either disking or mowing 33% of the acreage annually. IF, more than 33% of the acreage needs treated in any given year, please request special authorization.
- Berms should not be allowed to go to trees. Periodic mowing, or prescribed fire with an approved plan, should be utilized to maintain herbaceous vegetation. Also, attention to either muskrat and/or beaver damage to the berms or water control structures, should be immediately addressed.



# Wetland Reserve Plan of Operations #66642411013WV

Customer: Salt River Valley Hunt Club c/o Mark Eshraghi  
 District: PIKE COUNTY SOIL & WATER CONSERVATION DISTRICT  
 Legal Survey Acres: 221.1  
 Legal Description: T54N R2W Sec. 4

Field Office: FULTON SERVICE CENTER  
 Agency: NRCS & MDC  
 Assisted By: SHAWN DUCKWORTH  
 State and County: MO, Pike  
 Date: 8/19/2014



**Legend**

**Water Control Structures**

- ☒ Electric Water Well
- ⊕ Flap Gate
- ⊕ Stop Log
- Buried Water Well Pipeline

**Wetland Reserve Plan of Operation**

- PLW PEM2Chn / Flds. 1A-1C / 153.1 ac. / Herbaceous
- PLW PEM2Bpz / Flds. 2A-2C / 24.1 ac. / Herbaceous WSG
- PLW PFO1Bnz / Fld. 3 / 20.2 ac. / Woods
- PLFP PFP2Apz / Flds. 4A-4H / 23.7 ac. / Berms - Mounds



