

# STATEMENT OF A WATER RIGHT SEGREGATION

## STATE OF UTAH

For the purpose of informing the State Engineer of the segregation of a portion of a perfected or water right application consistent with section 73-3-27, this statement is hereby made, based upon the following showing of facts.

(This document was created on: April 27, 2011 by WKNIGHT.)

WATER RIGHT #: 09-2349      APPLICATION #: A37788e      Priority Date: July 22, 1966

SEGREGATED FROM: 09-438 (A37788e) on April 27, 2011  
Parent Water Right Type: Application To Appropriate  
Parent Water Right Status: Approved

\*\*\*\*\*

### 1. OWNERSHIP INFORMATION:

A. NAME: San Juan Spanish Valley Special Service District  
ADDRESS: 4775 Sunny Acres Lane  
Moab, UT 84532

### 2. SOURCE INFORMATION:

- A. QUANTITY OF WATER: 5,000.0 acre-feet
- B. SOURCE: San Juan River and Cottonwood Wash      COUNTY: San Juan
- C. COMMON DESCRIPTION: Near Bluff, UT
- D. POINTS OF DIVERSION -- SURFACE:
- (1) S 1,200 W 1,720 from the E $\frac{1}{4}$  corner, Section 33, T 40S, R 21E, SLBM  
DIVERT WORKS: Pumping Station  
SOURCE: San Juan River
  - (2) S 700 E 400 from the NW corner, Section 36, T 40S, R 21E, SLBM  
DIVERT WORKS: Pumping Station  
SOURCE: San Juan River
  - (3) S 1,500 W 300 from the N $\frac{1}{4}$  corner, Section 27, T 40S, R 22E, SLBM  
DIVERT WORKS: Pumping Station  
SOURCE: San Juan River
  - (4) N 2,685 W 3,485 from the NW corner, Section 30, T 40S, R 22E, SLBM  
DIVERT WORKS: Pumping Station  
SOURCE: Cottonwood Wash

### E. STORAGE. Water is diverted for storage into:

- (1) Unnamed reservoir, from Jan 1 to Dec 31.  
CAPACITY: 250,000.000 acre-feet. INUNDATING: 1,400.00 acres. DAM HEIGHT: 80 feet.

**RECEIVED**  
APR 27 2011  
WATER RIGHT  
SALT LAKE

Area inundated includes all or part of the following legal subdivisions:

BASE TOWN RANG SEC	NORTH-WEST ¼					NORTH-EAST ¼					SOUTH-WEST ¼					SOUTH-EAST ¼				
	NW	NE	SW	SE		NW	NE	SW	SE		NW	NE	SW	SE		NW	NE	SW	SE	
SL 38S 24E 13	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	
19	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	
30	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	

4. WATER USE INFORMATION:

Water Rights Appurtenant to the following use(s):  
09-2327,2334,2349

OTHER: from Jan 1 to Dec 31. RECREATION: fishing, boating, water sports and fish culture

The Acre Foot SOLE SUPPLY contributed by 09-2349 for RECREATIONAL use in this group is 5.000.0.

\*=====\*

**APPLICATION TO SEGREGATE  
A WATER RIGHT  
STATE OF UTAH**

Rec. by SC  
Fee Rec. \$50.  
Receipt # 11-01689

For the purpose of obtaining permission to segregate a water right in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-27 Utah Code Annotated, as amended.

**\*WATER RIGHT NO.** 09-2349 **\*APPLICATION No.** A37788e

**1. WATER RIGHT SEGREGATED FROM:** 09-438, A37788

**2. \*PRIORITY OF ORIGINAL RIGHT:** 07/32/1966 **\*FILING DATE OF SEGREGATION:** April 27, 2011

**3. OWNER INFORMATION**

**Name(s):** San Juan Spanish Valley Special Service District Interest: 100%  
**Address:** 4775 Sunny Acres Lane  
**City:** Moab **State:** Utah **Zip Code:** 84532

**4. QUANTITY OF WATER BEING SEGREGATED:** \_\_\_\_\_ cfs and/or 5,000 acre-feet

**SOURCE:** San Juan River **\*DRAINAGE:** \_\_\_\_\_  
**COUNTY:** San Juan

**5. POINT(S) OF DIVERSION:**

1. N 2685 ft W 3485 ft from SE Corner Section 24, T40S, R21E;
2. S 1200 ft W 1729 ft from E $\frac{1}{4}$  Corner, Section 33, T40S, R21E;
3. S 700 ft E 400 ft from NE Corner, Section 35, T40S, R21E; and
4. S 1500 ft W 300 ft from S $\frac{1}{4}$  Corner, Section 22, T40S, R22E; all SLB&M

**\*COMMON DESCRIPTION:** \_\_\_\_\_

**Description of Diverting Works:** Pumping stations

**6. STORAGE**

**Reservoir Name:** Unnamed reservoir **Storage Period:** From Jan 1 to Dec 31  
**Capacity:** 25,000 acre-feet **Inundated Area:** 1,400 acres  
**Height of dam:** 80 feet  
**Legal description of inundated area by 40 acre tract(s):** In parts of Section 13, T38S, R24E; and Sections 19 and 30, T38S, R 25E, SLB&M

**RECEIVED**  
APR 27 2011 SC  
WATER RIGHTS  
SALT LAKE

\*These items are to be completed by the Division of Water Rights

7. List any other water rights which are or will supplement this application: \_\_\_\_\_

8. NATURE AND PERIOD OF USE

**Recreation:** From January 1 to December 31

9. PURPOSE AND EXTENT OF USE

**Recreation:** Fishing, boating and fish culture uses in proposed reservoir. Reservoir surface area is 1,400 acres. This Segregation Application segregates a portion of the diversion and depletion allowance associated with the reservoir.

10. PLACE OF USE

**Legal description of place of use by 40 acre tract(s):** Portion of Section 13, T38S, R24E; and Sections 19 and 30, T38S, R25E; SLB&M

11. EXPLANATORY

The following is set forth to define more closely the full purpose of this application. Include any supplemental water rights used for the same purpose. (use additional pages of the same size if necessary):

The following beneficial uses and diversion and depletion evaluation is based on the original Application to Appropriate Water that was filed by San Juan County Water Conservancy District in 1966. Change Application Number a5570 was subsequently filed in 1968 and approved. It appears the intent of Change Application Number a5570 was to change the reservoir evaporation to irrigation water use. There are some apparent errors with the figures set forth in Change Application Number a5570 and it was approved without resolving these errors. The following proposed quantification is set forth to address these problems.

**Beneficial uses:**<sup>1</sup>

Irrigation:

Depletion: 2,500 acres x 2.7267<sup>2</sup> AF/A = 6,816.667 acre-feet

Diversion: 2,500 acres x 6.0<sup>3</sup> AF/A = 15,000 acre-feet

Recreation/Reservoir Evaporation:

Depletion: 1,400 acres of surface area x 3.5758<sup>4</sup> AF/A = 5006.1667 AF

Diversion: 10,000 AF<sup>5</sup>.

**Total allowable depletion** = 6,816.667 AF + 5006.1667 AF = 11,822.8337 AF

**Total allowable diversion** = 15,000 AF + 10,000 AF = 25,000 AF

**RECEIVED**  
APR 27 2011

WATER RIGHTS

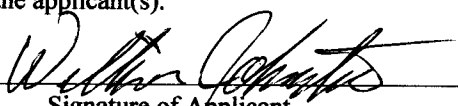
A Water Right Assignment conveyed the water covered by this Segregation Application ~~to the San Juan County Water Conservancy District~~ ~~to the San Juan County Water Conservancy District~~ to the San Juan Spanish Valley Special Service District. The water

<sup>1</sup> The original Application to Appropriate Water lists **irrigation** of 2,500 acres and construction of a storage reservoir with a capacity of 25,000 acre-feet (**recreation**), inundating 1,400 acres.  
<sup>2</sup> Irrigated lands located on the Bluff Bench, used net irrigation requirement for Bluff taken from the report entitled Consumptive Use of Irrigated Crops in Utah, Research Report 145, Utah Agricultural Experiment Station, Utah State University, Logan Utah, October 1994, Project Director, Robert W. Hill (Dr. Hill Study), page 150. For alfalfa, the irrigation requirement is 32.72 inches, which equals 2.7267 acre-feet per acre (32.72/12).  
<sup>3</sup> The current irrigation diversion allowance (duty) for the 09 Area is 4.00 acre-feet per acre. The lower elevation areas have a longer growing seasons, warmer climatic conditions, resulting in relatively high consumptive use requirements. It appears that a duty of 6.00 acre-feet per acre is justified for the area along the San Juan River. The State Engineer is in the process of evaluating the irrigation duty for the 09 Area.  
<sup>4</sup> Used the Lake Evaporation rate for the Mexican Hat station in the Dr. Hill Study, page 257, which is 42.91 inches or 3.5758 acre-feet per acre.  
<sup>5</sup> Assume the difference between 25,000 AF (original diversion amount) – 15,000 AF (irrigation diversion).

segregated under this application is 5,000 acre-feet of diversion and 2,503 acre-feet of depletion to be segregated from the recreation water uses and associated reservoir evaporation losses from the proposed 25,000 acre-feet reservoir and as calculated above.

\*\*\*\*\*  
If applicant(s) is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If there is more than one applicant, a power of attorney, authorizing one to act for all should accompany the application.  
\*\*\*\*\*

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing rests with the applicant(s).

  
\_\_\_\_\_  
Signature of Applicant  
William Johnston, Chairman

**RECEIVED**  
APR 27 2011  
WATER RIGHTS  
SALT LAKE