Amended Application No. 80565

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office FEB 11 2011

Returned to applicant for correction _____

Corrected Application filed _____ Map filed FEB 11 2011

The applicant Southern Nevada Water Authority, a quasi-municipal corporation and political subdivision of Nevada

1001 S. Valley View Blvd. (Street Address or P.O. Box) of Las Vegas (City or Town)

Nevada 89153 (State and ZIP Code) hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Southern Nevada Water Authority was formed in 1991 by Interlocal Cooperative Agreement pursuant to provisions contained within Chapter 277 of the Nevada Revised Statutes.

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1. The source of water is Big Mud Springs.
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.0047 cubic feet per second.
   One second foot equals 448.83 gallons per minute.
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stock-watering.
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 1531 sheep.
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

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Revised 07/09

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

NE1/4 NE1/4 Section 18, Township 5 North, Range 64 East, MDM, at a point from which the Township Corner for Township 4&5 North, Range 64&65 East, MDM, is South 52° 11' 10" East, a distance of 34,084.82 feet.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

See Exhibit A, attached hereto by reference hereof.

7. Use will begin about November 1st (Month and Day) and end about May 1st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Water flows from a flume into discharge pipes to a tank and troughs at source. Water will be transported across the extents of the designated grazing area to optimize utilization.

9. Estimated cost of works: $20,000.

10. Estimated time required to construct works: 2-years.
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 3-years.

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

13. Miscellaneous remarks:

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Richard Holmes
Type or print name clearly

Richard R. Holmes
Signature, applicant or agent

SNWA - Deputy General Manager Engineering/Operations
Company Name

1001 S. Valley View Blvd.
Street Address or PO Box

Las Vegas, NV 89153
City, State, ZIP Code

Richard.Holmes@snwa.com
E-mail Address

(702) 862-3707
Phone No. Ext.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Revised 07/09 $300 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

EXHIBIT A

AMENDED APPLICATION - PERMIT NO. 80565

6. Place of use.

Muleshoe Use Area of the Wilson Creek Grazing Allotment, specifically:

Portions of Townships: T6N, R64E; T6N, R65E; T6N R66E; T5N, R65E; T5N, R66E; T4N, R65E; T3N, R65E; T3N, R64E; T3N, R63E; T3N, R62E; T4N, R63E; T5N, R63E; T5N, R64E;

Together with all of Township: T4N, R64E.

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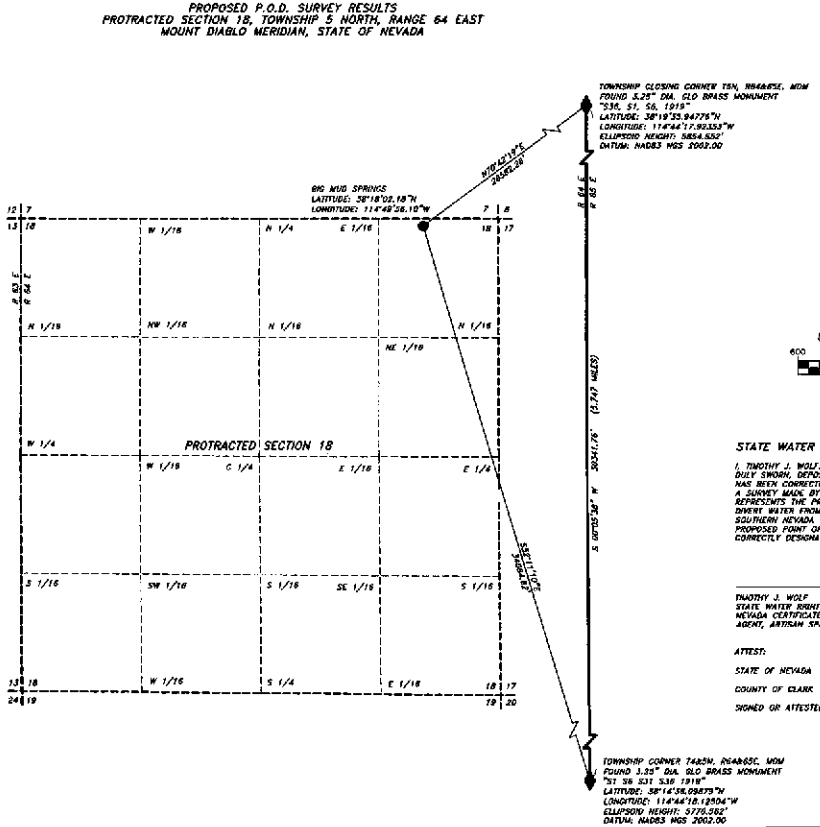
PROPOSED P.O.D. SURVEY RESULTS
PROTRACTED SECTION 18, TOWNSHIP 5 NORTH, RANGE 64 EAST
MOUNT DIABLO MERIDIAN, STATE OF NEVADA



GEODETIC NORTH

ARTISAN S.T.

PORTIONS OF
T. 5 N.
R. 64 E.
M.D.M.

GRAPHIC SCALE

600 0 300 600 1200

1 INCH = 600 FEET

CONVENTIONAL MAP SYMBOLS

- RIVERS OR PERPETUAL STREAMS
- MAIN SUPPLY DITCHES OR CANALS
- SECONDARY OR LATERAL DITCHES
- DAMS, BRIDGES
- INTERSECTING DITCHES OR CANALS
- TRAVERSE LINES
- TIE LINES
- PROPOSED PLACE OF USE
- PROTRACTED SECTION LINES (NO BLM SURVEY)
- ROADS
- FENCES
- RAILROADS
- BUILDINGS

MONUMENTATION & RELATED MAP SYMBOLS

- FOUND SECTION CORNER
- FOUND 1/4 SECTION CORNER, OR AS NOTED
- PROPOSED POINT OF DIVERSION

BASIS OF BEARINGS (B.O.B.)

BASIS OF BEARINGS HEREON REPRESENTS A TRUE MERIDIAN PASSING THROUGH POINT SOUTH BOTCH 30MA WELL AT LATITUDE 38°24'40.51580"N LONGITUDE 114°28'16.76351"W. THE BEARINGS HEREON THEREFORE REFLECT GEODETIC (GPS) NORTH USING SURVEY-GRADE EQUIPMENT FROM THE GEOGRAPHIC POINT, SOUW. THE MEASUREMENTS CONFORM TO "GPS, 5-METERS OR LESS PRECISION". DATUM IS WGS 2002.00 UTILIZING APPROXIMATELY 18-HOURS OF STATIC DATA COLLECTED AT EACH OF GEODETIC POINTS SOUW AND RBF 2020.

REFERENCES

1. GUIDELINES AND RULES FOR THE PREPARATION OF WATER RIGHTS MAPS (REVISED SEPTEMBER 2003).
2. NRS 240.167, 327, 326, 533, 625 (ALSO NAC, AS APPLICABLE).
3. NEVADA PROTRACTION DIAGRAM NO. 178, UNIT B1, APPROVED JANUARY 23, 1986, BY L.E. REMINGTON, CHIEF, DIVISION OF ENGINEERING, BUREAU OF LAND MANAGEMENT.
4. CDCB PLSS AND GRAZING ALLOTMENT SHAPE FILES, SOURCE: USDI BLM.

NOTES

1. THIS TOWNSHIP HAS NOT BEEN SURVEYED BY THE BUREAU OF LAND MANAGEMENT OR THE GENERAL LAND OFFICE. THEREFORE, THE INFORMATION DEPICTED HEREON IS THE RESULT OF A PROTRACTION DIAGRAM THAT MAY OR MAY NOT BE ACCURATE.

2. THE NEXT AVAILABLE SURVEYED MONUMENT ARE FOUND AT THE EXTENT OF THIS TOWNSHIP AS TOWNSHIP CORNERS AND ARE THEREFORE LOCATED IN ADDITION TO RELIABLE GEOGRAPHIC COORDINATES IN AN EFFORT TO PRODUCE RELIABLE AND RETRACIBLE INFORMATION TO REACH AND/OR FIND THE SUBJECT POINT OF DIVERSION NOTED UPON THIS SURVEY.

STATE WATER RIGHT SURVEYOR'S CERTIFICATE

I, TIMOTHY J. WOLF, AGENT, ARTISAN SPATIAL TECHNOLOGY, LLC, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME ON DECEMBER 11, 2010; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM DRY LAKE VALLEY, BASIN 181, IN LINCOLN COUNTY, NV, BY SOUTHERN NEVADA WATER AUTHORITY FOR STOCKWATERING PURPOSES; THAT THE PROPOSED POINT OF DIVERSION, PLACE AND MANNER OF USE ARE FULLY AND CORRECTLY DESIGNATED HEREON.

_____
TIMOTHY J. WOLF
STATE WATER RIGHT SURVEYOR
NEVADA CERTIFICATE NO. 854
AGENT, ARTISAN SPATIAL TECHNOLOGY, LLC

ATTEST:

STATE OF NEVADA }
COUNTY OF CLARK } S.S.

SIGNED OR ATTESTED BEFORE ME ON _____, 2011 BY TIMOTHY J. WOLF.

SIGNATURE: _____
PRINTED NAME: _____
MY COMMISSION EXPIRES: _____

Artisan Spatial Technology, LLC
"Where Art & Geospatial Science Converge"
P.O. 33381, LAS VEGAS, NV. 89133
(702) 233-3251
http://www.ArtisanGeoUSA.com

CONTRACT:	ART-BMS
LOCATION:	BIG MUD SPRINGS
NAME:	BIG MUD.DWG
REV. DATE:	5/27/11
DRAWN:	T. WOLF
REVIEWED:	J. WOLF
H. SCALE:	1" = 600'
V. SCALE:	N/A
SHEET	1 OF 2

MAP TO ACCOMPANY APPLICATION
TO APPROPRIATE WATER

FOR: STOCKWATERING
BY: SOUTHERN NEVADA WATER AUTHORITY
A QUASI-MUNICIPAL CORPORATION
& POLITICAL SUBDIVISION OF NEVADA
FROM: BIG MUD SPRINGS
IN: LINCOLN COUNTY, NEVADA

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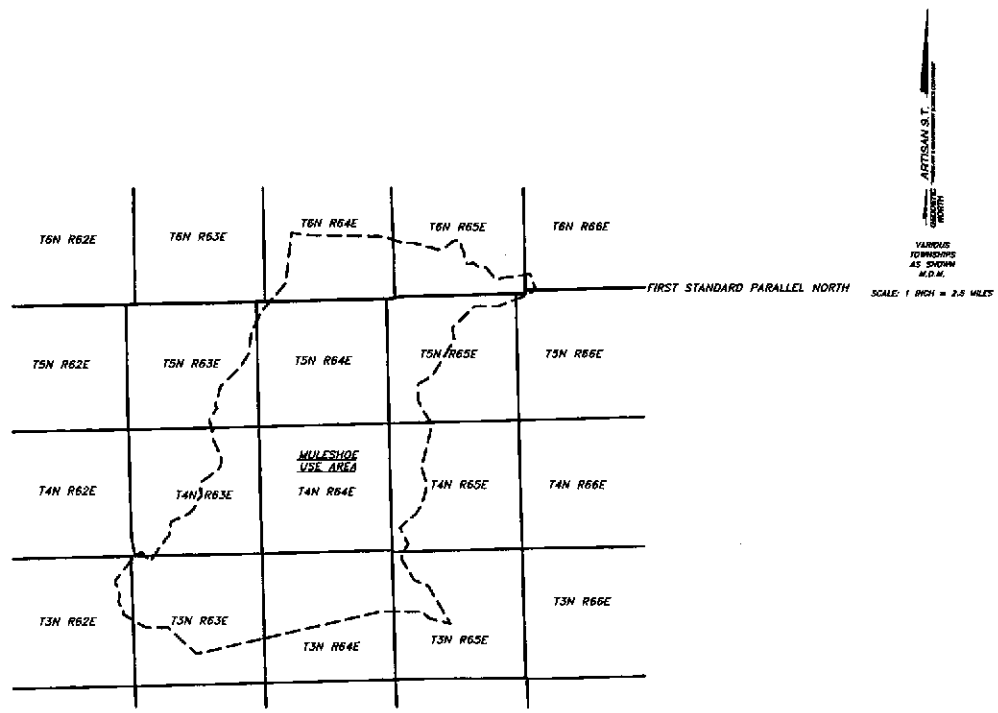
PROPOSED P.O.U. SURVEY RESULTS
TOWNSHIPS OF WILSON CREEK GRAZING ALLOTMENT PASTURE:
MULESHOE USE AREA
MOUNT DIABLO MERIDIAN, STATE OF NEVADA



Artisan Spatial Technology, LLC
"Where Art & Measurement Science Converge"
P.O. 15281, LAS VEGAS, NV. 89113
(702) 233-3451
http://www.ArtisanGroupUSA.com

CONTRACT: ART-BMM
LOCATION: BIG MUD SPRINGS
NAME: BIG MUD.DWG
REV. DATE: 5/25/11
DRAWN: T.WOLF
REVIEWED: J.WOLF
H.SCALE: 1"=2.5MI
V.SCALE: N/A
SHEET 2 of 2

MAP TO ACCOMPANY APPLICATION
TO APPROPRIATE WATER

FOR: STOCKWATERING
BY: SOUTHERN NEVADA WATER AUTHORITY
A QUASI-MUNICIPAL CORPORATION
& POLITICAL SUBDIVISION OF NEVADA
FROM: BIG MUD SPRINGS
IN: LINCOLN COUNTY, NEVADA

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