Serial No. 21876

AMENDED

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Date of filing in State Engineer's Office MAR 16 1964

Returned to applicant for correction OCT 13 1964

Corrected application filed NOV 4 1964 Map filed NOV 4 1964

The applicant Muddy Valley Irrigation Company

of Overton, County of Clark

State of Nevada, hereby makes application for permission to change the

Point of Diversion & Place of Use

of water heretofore appropriated under Certificate 266, Tenth Judicial District Court Decree, March 12, 1920, Muddy River Decree.

(Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

1. The source of water is Muddy River and Tributaries
(Name of stream, lake or other source.)

2. The amount of water to be changed (1)32.0068 c.f.s (1)May 1 to Oct. 1 (2)22.448 c.f.s. (2)Oct. 1 to May 1
(Second feet, acre feet.)

3. The water to be used for Irrigation and Domestic
(If for stock state number and kind of animals.)

4. The water heretofore used for Irrigation and Domestic
(If for stock state number and kind of animals.)

5. The water is to be diverted at the following point NW¼ NE¼, Sec. 21, T. 15 S., R. 67 E., M.D.B.&M., or at a point from which the corner common to Sections 27,28, 33, and 34, T. 15 S., R. 67 E., bears S. 11° 12' E., 10,131.06 feet.
(Describe as being within a 40-acre subdivision of public survey and by course and distance to a section corner. If on unsurveyed land, it should be stated.)

6. The existing point of diversion is located within (See attached sheet)
(If point of diversion is not changed, do not answer.)

7. Proposed place of use Areas to be and being irrigated lie in Sections 14,15,16,21, 22,23,26,27,28,34 and 35--T15S, R67E; and Sections 1,2,3,10,11,12,13,14,24 and 25--T16S, R67E; and Sections 7,18,19,20,30,29,31,32,33--T16S, R68E; and Sections 2,3,4,9,10,11, 14,15,16--T17S, R68E, M.D.B.M., Clark County, Nevada, consisting of 5000 Acres.
(Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.)

8. Existing place of use (See attached sheets) 70 Acres of land in the N½ of the NE¼ of Sec 14, T17S, R68E, M.D.B.M. is to be excluded from this application, being 1 Sec. Ft. of water for culinary purposes transferred later to the Moapa Valley Water Company domestic pipe line.
(Describe by legal subdivisions. If presently used for irrigation, state number of acres irrigated.)

9. Use will be from As Decreed (Month) to (Month) of each year.

10. Use has been from As Decreed (Month) to (Month) of each year.

11. Description of proposed works.

at existing gates on Muddy River through main ditch to Bowman reservoir and then
(Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.)
in concrete lined canals.
(State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.)

12. Estimated cost of works Enlarging works $150,000

13. Estimated time required to construct works 2 years

14. Remarks Main ditch from Muddy River to remain, but Bowman Dam is to be raised 12 feet. Also dikes on ditch channels are to be raised with maximum water flow line of system at elevation 1437.12 W.L.; and a 6-foot free board on all structures.

Compared awb/hs hs/ns

Applicant Muddy Valley Irrigation Co.

By s/Karl Marshall Pres.

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions: This permit changes the point of diversion and place of use of the waters of Muddy River as heretofore appropriated under Certificate 266 as appears in the Muddy River Decree as entered on March 12, 1920 in the Tenth Judicial District Court, State of Nevada, County of Clark. The permit is issued subject to the terms, conditions and irrigation periods imposed in said decree and with the understanding that no other rights on the source will be affected by the change proposed herein. The diversion under this permit shall not exceed 32.0068 c.f.s. for the period from May 1st to October 1st of each year and 22.448 c.f.s. for the period from October 1st to May 1st of the following year as designated by the decree.

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 32.0068 c.f.s.--May 1st to October 1st 22.448 c.f.s.--October 1st to May 1st of the following year. cubic feet per second.

Actual construction work shall begin on or before August 9, 1966

Proof of commencement of work shall be filed before September 9, 1966

Work must be prosecuted with reasonable diligence and be completed on or before August 9, 1967

Proof of completion of work shall be filed before September 9, 1967

Application of water to beneficial use shall be made on or before August 9, 1970

Proof of the application of water to beneficial use shall be filed on or before September 9, 1970

Map in support of proof of beneficial use shall be filed on or before September 9, 1970

Commencement of work filed Sept. 7, 1966
Completion of work filed MAR 18, 1969
Proof of beneficial use filed SEP 7 1971
Cultural map filed OCT 8 1971 Under 21847
Certificate No. 8328 Issued 7-19-74
Recorded 7-23-74 Bk. 445 Page 404126

WITNESS MY HAND AND SEAL this 9th day of February, 1966

GEORGE W. HENNEN
State Engineer

By Roland D. Westergard
Assistant State Engineer

2407

Clark County
28791 3.5

ABROGATED BY 23600
A PORTION

Continuation of Paragraph 6 - Record Diversions		Acres
St. Joe Ditch:	In SW¼ SE¼, Sec., 16, T. 15 S., R. 67 E.	463.25 Acres
Sprole-Averit Ditch:	In SW¼ SW¼, Sec. 22, T. 15 S., R. 67 E.	242.25 Acres
Kapalapa Ditch:	In SE¼ SE¼, Sec. 34, T. 15 S., R. 67 E.	157.50 Acres
Stringtown Ditch:	In NW¼ NE¼, Sec. 12, T. 16 S., R. 67 E.	239.80 Acres
Sparks Canal:	In NW¼ NE¼, Sec. 12, T. 16 S., R. 67 E.	46.00 Acres
Overton Canal:	In SE¼ SE¼, Sec. 34, T. 15 S., R. 67 E.	466.00 Acres
Kaolin Ditch:	In SE¼ SW¼, Sec. 18, T. 16 S., R. 68 E.	119.00 Acres
St. Thomas Ditch:	In NW¼ NW¼, Sec. 3, T. 17 S., R. 68 E. (In Lake Mead)	420.45 Acres
East St. Thomas Ditch:	In NW¼ NW¼, Sec. 3, T. 17 S., R. 68 E., (In Lake Mead)	90.55 Acres
	Total	2,244.80 Acres
	Less (In Lake Mead)	
	420.45 90.55	511.00 Acres
	Net	1,733.80 Acres

Continuation of Paragraphs 7 and 8

Name	Acres	Subdivision	Sec.	Tp. S	R. E
St. Joe Ditch.....	20.00	SE¼ SW¼	15	15	67
	14.00	SW¼ SW¼	15	"	"
Point of Diversion in SW¼ SE¼, Sec. 16, T. 15 S., R. 67 E.	20.00	SE¼ NE¼	21	"	"
	7.25	NE¼ NE¼	21	"	"
	20.00	NE¼ NW¼	22	"	"
	24.00	SE¼ NW¼	22	"	"
	14.00	NW¼ NW¼	22	"	"
	14.00	SW¼ NW¼	22	"	"
	14.00	NW¼ SW¼	22	"	"
	14.00	NE¼ SW¼	22	"	"
	15.00	SW¼ SW¼	22	"	"
	20.00	NW¼ NE¼	22	"	"
	20.00	SW¼ NE¼	22	"	"
	15.00	NW¼ SE¼	22	"	"
	14.00	SE¼ SW¼	22	"	"
	14.00	NE¼ NW¼	27	"	"
	14.00	NW¼ NE¼	27	"	"
	16.50	SW¼ NE¼	27	"	"
	30.00	SE¼ NE¼	27	"	"
	26.00	NE¼ SE¼	27	"	"
	10.00	SE¼ SE¼	27	"	"
	2.60	SW¼ NW¼	26	"	"
	24.40	NW¼ SW¼	26	"	"
	3.00	SW¼ SW¼	26	"	"
	17.50	SE¼ NW¼	35	"	"
	40.00	NW¼ NW¼	35	"	"
	20.00	NE¼ NW¼	35	"	"
Total.....	463.25				
Sprole-Averitt.....	22.25	NW¼ NW¼	27	15	67
	25.00	SW¼ NW¼	27	"	"
Point of Diversion in SW¼ SW¼, Sec. 22, T. 15 S., R. 67 E.	10.00	SE¼ NW¼	27	"	"
	35.50	NE¼ SW¼	27	"	"
	22.50	SE¼ SW¼	27	"	"
	28.00	SW¼ SE¼	27	"	"
	6.00	NE¼ NW¼	34	"	"
	15.00	SE¼ NW¼	34	"	"
	17.75	NW¼ NE¼	34	"	"
	40.00	NE¼ NE¼	34	"	"
	13.75	SW¼ NE¼	34	"	"
	6.50	SE¼ SE¼	34	"	"
Total.....	242.25				

Name	Acres	Subdivision	Sec.	Tp. S	R. E
Kapalapa Ditch	10.00	NW¼ NW¼	2	16	67
	20.00	NE¼ NW¼	2	"	"
Point of Diversion	20.00	SE¼ NW¼	2	"	"
SE¼ SE¼, Sec. 34,	20.00	NW¼ NE¼	2	"	"
T. 15 S., R. 67 E.	7.50	NE¼ NE¼	2	"	"
	20.00	SE¼ NE¼	2	"	"
	20.00	SW¼ NE¼	2	"	"
	20.00	NW¼ SE¼	2	"	"
	20.00	NE¼ SW¼	2	"	"
Total	157.50				
Springtown Ditch	17.80	NE¼ NW¼	12	16	67
	12.50	SW¼ NW¼	12	"	"
Point of Diversion	12.50	SE¼ NW¼	12	"	"
in NW¼ NE¼, Sec. 12,	7.50	SW¼ NE¼	12	"	"
T. 16 S., R. 67 E.	12.00	NE¼ SE¼	12	"	"
	30.00	NW¼ SE¼	12	"	"
	36.20	SW¼ SE¼	12	"	"
	24.10	SE¼ SE¼	12	"	"
	7.00	NE¼ SW¼	12	"	"
	15.00	SE¼ SW¼	12	"	"
	8.00	SW¼ SW¼	12	"	"
	21.40	NW¼ NE¼	13	"	"
	25.80	NE¼ NE¼	13	"	"
	5.00	SW¼ NW¼	18	16	68
	5.00	NW¼ NW¼	18	"	"
Total	239.80				
Sparks Canal	13.00	SE¼ SW¼	1	16	67
	21.80	SW¼ SW¼	7	"	68
Point of Diversion	1.20	NW¼ SW¼	7	"	"
in NW¼ NE¼, Sec. 12,					
T. 16 S., R. 67 E.	1.80	NE¼ SE¼	12	16	67
	8.20	SE¼ SE¼	12	"	"
Total	46.00				
Overton Canal	18.00	SW¼ SE¼	2	16	67
	20.00	SE¼ SW¼	2	"	"
Point of Diversion	12.00	SW¼ SW¼	2	"	"
in SE¼ SE¼, Sec. 34					
T. 15 S., R. 67 E.					

Name	Acres	Subdivision	Sec.	Tp. S	R. E
Overton Canal (Continued)	7.00	SE¼ SE¼	3	16	67
	5.00	NE¼ NE¼	10	"	"
	10.00	NW¼ NW¼	11	"	"
	20.00	NE¼ NW¼	11	"	"
	20.00	NW¼ NE¼	11	"	"
	13.475	NE¼ NE¼	11	"	"
	7.50	SE¼ NE¼	11	"	"
	7.50	SW¼ NE¼	11	"	"
	10.00	NE¼ SE¼	11	"	"
	10.00	NW¼ SE¼	11	"	"
	27.525	SE¼ SE¼	11	"	"
	13.00	NW¼ NW¼	13	"	"
	5.00	NE¼ NW¼	13	"	"
	20.00	SW¼ NW¼	13	"	"
	15.00	SE¼ NW¼	13	"	"
	4.50	SW¼ NE¼	13	"	"
	7.50	SE¼ NE¼	13	"	"
	24.50	NW¼ SE¼	13	"	"
	32.75	NE¼ SE¼	13	"	"
	26.40	SE¼ SE¼	13	"	"
	31.35	SW¼ SE¼	13	"	"
	24.50	NE¼ SW¼	13	"	"
	12.00	SE¼ SW¼	13	"	"
	7.50	NE¼ NE¼	14	"	"
	5.00	SW¼ SW¼	18	16	68
	3.00	SW¼ SE¼	19	"	"
	6.00	NE¼ SW¼	19	"	"
	5.00	SE¼ SW¼	19	"	"
	3.00	NW¼ NE¼	24	16	67
	20.00	NE¼ NE¼	24	"	"
	5.00	SW¼ NE¼	24	"	"
	4.00	SE¼ NE¼	24	"	"
	3.00	NW¼ NE¼	30	16	68
Total.....	466.00				
Kaolin Ditch.....	28.00	SE¼ SE¼	19	16	68
Point of Diversion in SE¼ SW¼, Sec. 18, T. 16 S., R. 68 E.	20.00	SW¼ NE¼	30	"	"
	20.00	NW¼ SE¼	30	"	"
	7.00	NE¼ NE¼	30	"	"

Name	Acres	Subdivision	Sec.	Tp. S	R. E
Kaolin Ditch.....	20.00	NE¼ SE¼	32	16	68
(Continued)	20.00	NW¼ SE¼	32	"	"
	4.00	NE¼ NW¼	29	"	"
Total.....	119.00				
St. Thomas Ditch.....	15.00	SE¼ NW¼	10	17	68
	20.05	NW¼ NE¼	10	"	"
Point of Diversion	19.00	NE¼ NE¼	10	"	"
in NW¼ NW¼, Sec. 3,	23.00	SW¼ NE¼	10	"	"
T. 17 S., R. 68 E.	13.50	SE¼ NE¼	10	"	"
	17.25	NE¼ SE¼	10	"	"
	2.50	SE¼ SE¼	10	"	"
	5.00	NW¼ NW¼	11	"	"
	28.00	SW¼ NW¼	11	"	"
	30.25	NW¼ SW¼	11	"	"
	20.25	NE¼ SW¼	11	"	"
	34.00	SW¼ SW¼	11	"	"
	37.75	SE¼ SW¼	11	"	"
	20.80	SW¼ SE¼	11	"	"
	17.80	NW¼ NW¼	14	"	"
	37.00	NE¼ NW¼	14	"	"
	25.20	NW¼ NE¼	14	"	"
	24.20	NE¼ NE¼	14	"	"
	10.50	SW¼ NE¼	14	"	"
	19.40	SE¼ NE¼	14	"	"
Total.....	420.45				
East St. Thomas Ditch.....	4.00	SW¼ SW¼	2	17	68
Point of Diversion					
NW¼ NW¼, Sec. 3,	17.00	SE¼ SE¼	3	"	"
T. 17 S., R. 68 E.	7.00	NE¼ SE¼	3	"	"
	15.85	NW¼ NW¼	11	"	"
	16.10	NE¼ NW¼	11	"	"
	8.00	SW¼ NW¼	11	"	"
	12.00	SE¼ NW¼	11	"	"
	10.60	NW¼ SE¼	11	"	"
Total.....	90.55				