

STATE OF MONTANA
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
1424 9TH AVENUE P.O.BOX 201601 HELENA, MONTANA 59620-1601

GENERAL ABSTRACT

Water Right Number: 76M 78402-00 PROVISIONAL PERMIT
Version: 1 -- ORIGINAL RIGHT

Version Status: ACTIVE

Owners: MONTANA, STATE OF UNIVERSITY SYSTEM (UM)
DEPT OF EDUCATION
UNIVERSITY FACILITY SERVICES BLDG 32, CAMPUS DR
MISSOULA, MT 59812

Priority Date: JUNE 26, 1991 at 03:30 P.M.

Enforceable Priority Date: JUNE 26, 1991 at 03:30 P.M.

Purpose (use): IRRIGATION
INSTITUTIONAL

Maximum Flow Rate: 8,462.00 GPM

Maximum Volume: 748.99 AC-FT

Maximum Acres: 120.00

Source Name: GROUNDWATER

Source Type: GROUNDWATER

Point of Diversion and Means of Diversion:

<u>ID</u>	<u>Govt Lot</u>	<u>Qtr Sec</u>	<u>Sec</u>	<u>Twp</u>	<u>Rge</u>	<u>County</u>
1		S2S2	22	13N	19W	MISSOULA

Period of Diversion: APRIL 15 TO OCTOBER 15

Diversion Means: WELL

2		N2	27	13N	19W	MISSOULA
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Period of Diversion: APRIL 15 TO OCTOBER 15

Diversion Means: WELL

UP TO 22 WELLS WITHIN THE ABOVE DESCRIPTION

Purpose (Use): IRRIGATION

Irrigation Type: SPRINKLER

Volume: 340.55 AC-FT

Period of Use: APRIL 15 to OCTOBER 15

Place of Use:

<u>ID</u>	<u>Acres</u>	<u>Govt Lot</u>	<u>Qtr Sec</u>	<u>Sec</u>	<u>Twp</u>	<u>Rge</u>	<u>County</u>
1	6.00		E2SESW	22	13N	19W	MISSOULA
2	35.00		S2SE	22	13N	19W	MISSOULA
3	21.00		E2E2NW	27	13N	19W	MISSOULA
4	58.00		NE	27	13N	19W	MISSOULA
Total:	120.00						

Purpose (Use): INSTITUTIONAL

Volume: 748.99 AC-FT

Period of Use: JANUARY 1 to DECEMBER 31

Place of Use:

<u>ID</u>	<u>Acres</u>	<u>Govt Lot</u>	<u>Qtr Sec</u>	<u>Sec</u>	<u>Twp</u>	<u>Rge</u>	<u>County</u>
1			S2S2	22	13N	19W	MISSOULA
2			N2	27	13N	19W	MISSOULA

Remarks:

THE WATER RIGHTS FOLLOWING THIS STATEMENT ARE ASSOCIATED WHICH MEANS THE RIGHTS SHARE THE SAME PLACE OF USE.

62519-00 74259-00 78402-00

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62519-00 78402-00

THE WATER RIGHTS FOLLOWING THIS STATEMENT ARE ASSOCIATED WHICH MEANS THE RIGHTS SHARE THE SAME FLOW RATE.

74259-00 78402-00

ASSOCIATED RIGHT

THIS PERMIT AND 76M-P074259-00 WHEN USED FOR INSTITUTIONAL HEATING AND COOLING PURPOSES WHEN COMBINED SHALL NOT EXCEED 8,700 GALLONS PER MINUTE UP TO 770 ACRE-FEET PER YEAR. THIS PERMIT AND 76M-P062519-00 AND 76M-P074259-00 IRRIGATE SOME OF THE SAME ACRES.

GROUNDWATER WASTE & CONTAMINATION

THIS RIGHT IS SUBJECT TO SECTION 85-2-505, MCA, REQUIRING A WELL BE CONSTRUCTED SO IT WILL NOT ALLOW WATER TO BE WASTED OR CONTAMINATE OTHER WATER SUPPLIES OR SOURCES, AND A FLOWING WELL MUST BE CAPPED OR EQUIPPED SO THE FLOW OF THE WATER MAY BE STOPPED WHEN NOT BEING PUT TO BENEFICIAL USE.

GROUNDWATER WELL - ACCESS PORT

THE FINAL COMPLETION OF THE WELL(S) MUST INCLUDE AN ACCESS PORT OF AT LEAST .50 INCH SO THE STATIC LEVEL OF THE WELL MAY BE ACCURATELY MEASURED.

FINAL ORDER

THIS WATER RIGHT IS SUBJECT TO THE FINAL ORDER OF THE DEPARTMENT.

IMPORTANT INFORMATION

UPON COMPLETION OF EACH INJECTION WELL, PERMITTEE SHALL SUBMIT WRITTEN CERTIFICATION BY A HYDROGEOLOGIST THAT THE WATER BEING INJECTED AT EACH INJECTION WELL IS ACTUALLY RECHARGING THE SOURCE AQUIFER FROM WHICH THE WATER WAS DIVERTED. THE CERTIFICATION SHALL BE IN WRITING, SHALL BE ACCOMPANIED BY DOCUMENTATION OF ANY TESTING OR ANALYSIS USED TO COMPLETE THE CERTIFICATION, AND SHALL BE SUBMITTED TO THE MISSOULA WATER RESOURCES REGIONAL OFFICE OF THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION PRIOR TO OPERATION OF THE PAIRED DIVERSION WELL FOR THE PERMITTED INSTITUTIONAL USE.

IMPORTANT INFORMATION

EACH DIVERSION WELL MUST BE CONSTRUCTED AND MAINTAINED TO ALLOW SAMPLES OF WATER TO BE TAKEN, FOR WATER QUANTITY TESTING, PRIOR TO IT LEAVING OR IMMEDIATELY AFTER IT LEAVES THE WELL. EACH INJECTION WELL MUST BE CONSTRUCTED AND MAINTAINED TO ALLOW SAMPLES OF WATER TO BE TAKEN, FOR WATER QUALITY TESTING, IMMEDIATELY PRIOR TO IT ENTERING THE WELL.

IMPORTANT INFORMATION

UPON COMPLETION OF EACH INJECTION WELL ATTACHED TO A HEATING AND COOLING LOOP, A SAMPLE OF WATER THAT HAS RUN THROUGH THE LOOP SHALL BE COLLECTED AT THE WELL HEAD OF THE INJECTION WELL, ANOTHER SAMPLE OF WATER SHALL BE COLLECTED AT THE WELL HEAD OF THE DIVERSION WELL. BOTH SAMPLES SHALL BE TESTED FOR THEIR CHEMICAL COMPOSITION AND ORGANIC CONTAMINATES. PERMITTEE SHALL SUBMIT WRITTEN CERTIFICATION, ACCOMPANIED BY DOCUMENTATION OF THE TESTING, TO THE MISSOULA WATER RESOURCES REGIONAL OFFICE OF THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION PRIOR TO OPERATING PAIRED WELLS FOR THE PERMITTED INSTITUTIONAL USE STATING THAT THE TEST RESULTS SHOW THE WATER WILL ENTER THE INJECTION WELL SUBSTANTIALLY UNDIMINISHED IN QUALITY FROM WHAT IT WAS WHEN DIVERTED.

IMPORTANT INFORMATION

THE INSTITUTIONAL USE IS FOR HEATING AND COOLING OF CAMPUS BUILDINGS. THE IRRIGATION SYSTEM USES 340.55 AC-FT PER YEAR FROM RECYCLED COOLING WATER.

IMPORTANT INFORMATION

NO CHEMICAL OR FERTILIZER DISTRIBUTION SYSTEM SHALL BE CONNECTED TO ANY IRRIGATION SYSTEM WHICH IS CONNECTED TO A CONVEYANCE LEADING TO AN INJECTION WELL OPERATED AS PART OF THE APPROPRIATION AUTHORIZED BY THIS PERMIT OR OPERATED IN CONJUNCTION WITH THIS PERMIT.

IMPORTANT INFORMATION

UPON COMPLETION OF EACH OF THE FOUR PHASES OF THE PERMITTED PROJECT, PERMITTEE SHALL SUBMIT A WRITTEN CERTIFICATION OF THE MAXIMUM FLOW RATES AND VOLUMES TO BE DIVERTED BY EACH WELL COMPLETED IN THE PHASE. THE CERTIFICATION SHALL IDENTIFY THE SEPARATE WINTER AND SUMMER AMOUNTS, AND THE SEPARATE AMOUNTS TO BE DIVERTED FOR INSTITUTIONAL AND IRRIGATION USES FROM EACH WELL. THE CERTIFICATION MUST BE SUBMITTED

Remarks:

TO THE MISSOULA WATER RESOURCES REGIONAL OFFICE OF THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION WITHIN ONE YEAR OF COMPLETION OF THE RESPECTIVE PHASE, BUT NOT TO EXCEED, FOR THE FINAL PHASE, THE DEADLINE FOR NOTICE OF COMPLETION OF THE ENTIRE PERMITTED APPROPRIATION.

OBJECTION INFORMATION

OBJECTION LOG 92-010

WATER MEASUREMENT REQUIREMENT - UNIQUE TYPE

THE PERMITTEE SHALL MAINTAIN AN ADEQUATE FLOW METERING DEVICE ON EACH DIVERSION AND EACH INJECTION WELL THROUGHOUT THE DIVERSION SYSTEM IN ORDER TO ALLOW THE RECORDING OF THE FLOW RATE AND VOLUME OF ALL WATER DIVERTED FROM THE SOURCE AND ALL WATER INJECTED BACK INTO THE SOURCE. THE PERMITTEE SHALL KEEP A WRITTEN RECORD OF THE FLOW RATE AND VOLUME OF ALL SUCH WATERS, INCLUDING THE PERIOD OF TIME, AND SHALL SUBMIT SAID RECORDS BY NOVEMBER 30 OF EACH YEAR TO THE MISSOULA WATER RESOURCES REGIONAL OFFICE OF THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION.

PROGRESS REPORT REQUIRED

THE APPROPRIATOR SHALL SUBMIT A PROGRESS REPORT OF THE WORK COMPLETED UNDER THIS RIGHT BY NOVEMBER 30TH OF EACH YEAR UNTIL COMPLETION OF THE PROJECT. THE REPORTS MUST BE SENT TO THE WATER RESOURCES REGIONAL OFFICE. PROGRESS REPORT OF THE WORK COMPLETED UNDER THIS PERMIT BY NOVEMBER 30 OF EACH YEAR UNTIL COMPLETION OF THE PROJECT. SUBMIT REPORTS TO THE WATER RESOURCES REGIONAL OFFICE, 1610 S 3RD ST W, BOX 5004, MISSOULA, MT 59806-5004.

PROGRESS REPORT REQUIRED

THE APPROPRIATOR SHALL SUBMIT A PROGRESS REPORT OF THE WORK COMPLETED UNDER THIS RIGHT BY NOVEMBER 30TH OF EACH YEAR UNTIL COMPLETION OF THE PROJECT. SUBMIT REPORTS TO THE WATER RESOURCES REGIONAL OFFICE LISTED BELOW. MISSOULA, MT PH: 406-721-4284 FAX: 406-542-1496

LIABILITY WAIVER

THE ISSUANCE OF THIS RIGHT BY THE DEPARTMENT SHALL NOT REDUCE THE APPROPRIATOR'S LIABILITY FOR DAMAGES CAUSED BY THE APPROPRIATOR'S EXERCISE OF THIS RIGHT. NOR DOES THE DEPARTMENT IN ISSUING THE RIGHT IN ANY WAY ACKNOWLEDGE LIABILITY FOR DAMAGE CAUSED BY THE APPROPRIATOR'S EXERCISE OF THIS RIGHT.