



COLORADO

**Division of Reclamation,
Mining and Safety**

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

REQUEST FOR FULL OR PARTIAL RELEASE OF PERMIT AREA/SURETY REDUCTION

Please indicate if you are requesting:

FULL/FINAL RELEASE OF ENTIRE PERMITTED AREA (per Rule 4.17)

☐

ACREAGE REDUCTION (PARTIAL RELEASE per Rule 4.17)

☐

I wish to release _____ acres at this time.

You will need to submit with this request: a map showing the acreage to be released from the current permit and updated mining and reclamation plan maps that will accurately depict the new permit boundary if the release is approved.

SURETY (Bond) REDUCTION (per Rule 4.14)

☒

If you are requesting a surety (bond) reduction you will need to include with this request a new estimate of the actual cost to reclaim the site based on what it would cost an independent contractor to complete reclamation, including unit costs for reclamation activities as appropriate to the operation to comply with the provisions of Rule 3.1 and the Permit's approved Reclamation Plan.

File No.: M -2021-049

Site Name: Raindance Reservoir #2

County: Weld

Permittee: Vima Partners LLC

Permittee Address: 1625 Pelican Lakes Point, Suite 201

(Street Address)

Windsor

(City)

CO

(State)

80550

(Zip)



Operator (If Other than Permittee): _____
Permittee Representative: Martin Lind
Certified Mail # _____

In accordance with Rule 4.17.1(2) the Operator shall include the names, addresses and phone numbers of all owners of record to the affected land. Please attach additional sheets for this information if required.

<u>Name</u>	<u>Address</u>	<u>Phone Number</u>
<u>Vima Partners LLC</u>	<u>1625 Pelican Lakes Point, Suite 201</u>	<u>970-686-5828</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

In accordance with Rule 4.17.1(4), if requesting a partial acreage release the Operator or their agent MUST sign that they have complied with the following statement: “All applicable portions of the Reclamation Plan requirements have been satisfied in accordance with these Rules and all applicable requirements under the Act.”

DocuSigned by:
Martin Lind
302410955A47849E

October 31, 2024 | 1:46 PM PDT
Date

Signature of Permittee, Operator or their authorized agent

Important: In accordance with Rules 4.14.2(a) and 4.17.1(3) This release request must be submitted to the Division via certified mail and separate from any other correspondence to the Division.

Raindance Reservoir #2**Exhibit L – Reclamation Costs**

(1) All information necessary to calculate the costs of reclamation must be submitted and broken down into the various major phases of reclamation. The information provided by the Operator/Applicant must be sufficient to calculate the cost of reclamation that would be incurred by the state.

If reclamation of the entire extents of the limit of disturbance is required (87 acres).

87 acres				
	Unit	Unit Cost	# of Units	Total
Mobilization/Demob	EA	\$10,000	1	\$10,000
Fine Grading (Equip: Scraper)	ACRE	\$50	67.4	\$3,370
Rip Access Roads/Stockpile Area (Equip: Ripper)	HR	\$266	3	\$800
Replace Topsoil from Stockpile (Equip: Dump Truck, Loader)	CY	\$3.75	44,000	\$165,000.00
Dust Suppression (Equipment: Water Truck)	HR	\$100	20	\$2,000
Seeding (Equip: Drill Seeder) (See Seed Mix Details Below)	Acre	\$340	87	\$29,580
Mulching (Equip: Tractor, Power Mulcher)	Acre	\$790	87	\$68,730
Fertilization (Equip: Tractor Towed Spreader)	Acre	\$191	87	\$16,617
Labor	HR	\$80	75	\$6,000
Total				\$302,097
Total + 18.5%				\$357,984.95

Seed Mix	Rate-PLS LBS/Acre	Seeds per SqFt	Cost/Acre
Blue Grama - Native	2.00	32.64	\$27.45
Buffalograss – Native/Plains	1.00	0.96	\$12.07
Sand Dropseed	0.20	23.88	\$1.95
Sideoats Grama - Butte	2.00	6.57	\$18.00
Western Wheatgrass - Arriba	2.40	6.06	\$15.60
Needlegrass, Green - Lodorm	2.40	9.97	\$28.26
Totals Seed Mix	10.00	80.08	\$103.33

(2) The Office may request the Operator/Applicant to provide additional, reasonable data to substantiate said Operator/Applicant's estimate of the cost of reclamation for all Affected Lands.



COLORADO
Division of Water Resources

Department of Natural Resources
1313 Sherman St., Suite 821
Denver, CO 80203

March 5, 2024

Dylan Wooldridge
The Water Valley Company
1625 Pelican Lakes Pt. Suite 201
Windsor, CO 80550
Transmission via email: dwooldridge@watervalley.com

RE: Raindance Reservoir No. 2 Groundwater Seepage Evaluation (WDID 0303561)
DRMS Permit No. M-2021-049 (WDID 0307926)
NE1/4 of Section 6, Township 5 North, Range 67 West, 6th P.M.
Water Division 1, Water District 3, Weld County

Dear Dylan Wooldridge:

The purpose of this letter is to approve the groundwater seepage evaluation requested for Raindance Reservoir No. 2 ("Reservoir") located within the Raindance Reservoir No. 2 mining boundary, Division of Reclamation Mining and Safety ("DRMS") Permit No. M2021-049. The Reservoir is located in the NE1/4 of Section 6, Township 5 North, Range 67 West of the 6th P.M. Although, neither a clay liner, nor a slurry wall was installed at the Reservoir due to low permeability material in the surrounding sandy clay and claystone, it is expected that any ground water seepage into the Reservoir would be below the State Engineer's allowable leakage rates as referenced in the August 1999 State Engineer Guidelines for Lining Criteria for Gravel Pits (1999 SEO Guidelines). According to the 2011 State Engineer General Administration Guidelines for Reservoirs (2011 SEO Guidelines), operation in low permeability material can be tested in accordance with the 1999 SEO Guidelines. The Applicant performed a 90-day seepage test for the Reservoir. The purpose of the test was to assess whether the volume of ground water seeping into the Reservoir exceeds the State Engineer's allowable leakage rates referenced in the 1999 SEO Guidelines. The test was conducted between November 14, 2023, and February 12, 2024. A site inspection was performed by the State Engineer's Office ("SEO") on December 14, 2023, to review site conditions and discuss the seepage test.

The 90-day certification letter dated February 20, 2024, from Derek Patterson of TST, Inc. Consulting Engineers provides the test summary and the 90-day seepage test results for the Reservoir. The test data provided indicates that ground water seepage into the Reservoir **is below the design standard** referenced in the 1999 SEO Guidelines. **Meeting the design standard requires that during Reservoir operation all water inflows and outflows from the Reservoir must be accounted for on a monthly basis.**

In the event that the average daily unregulated ground water inflow to the Reservoir exceeds the Performance Standard referenced in the 1999 SEO Guidelines for two consecutive months, as evidenced by the accounting specified in the preceding paragraph, the Applicant or their successor and the SEO shall begin to consult regarding the probable cause of the unregulated ground water inflow, and the appropriate actions to be taken in response thereto. If the State or Division Engineer and the Applicant or their successor cannot reach an agreement on the appropriate actions to reduce the unregulated groundwater inflow to less than the Performance Standard within nine (9) months of the beginning of the consultations, the State or Division Engineer shall provide written notice to the Applicant or their successor to correct this problem. The Applicant or their successor shall have two (2) years from the date of such written notice to modify the Reservoir to achieve an inflow less than the Performance Standard. If satisfactory modifications are not completed within the two-year period, the State or Division Engineer may



declare the Reservoir a well requiring a well permit and Water Court approved augmentation plan or State Engineer approved substitute water supply plan.

The inflow and outflow accounting referenced above shall begin to happen on a 48-hour basis following two consecutive months that the Performance Standard is exceeded and shall continue until the Applicant, or their successor has demonstrated that at least the Performance Standard has been met.

This approval certifies that the Reservoir has achieved the design standard for ground water seepage for lined reservoirs in accordance with the 1999 SEO Guidelines. Water shall not be impounded in the Reservoir except pursuant to lawful diversions allowed by statute or decree. At all other times, the Applicant or their successor has the responsibility to ensure that all inflow of water into the Reservoir from any source, including precipitation and ground water inflows is removed to prevent any out-of-priority storage of water or secure a Water Court approved augmentation plan or State Engineer approved substitute water supply plan to replace such out-of-priority storage. Prior to ANY use of this site, the Applicant or their successor will need to coordinate with Mark Simpson, District 3 Water Commissioner, to review operations, measurement structures, and accounting.

Please contact me at 303-866-3581 x8246 or by email at: ioana.comaniciu@state.co.us if you have any questions.
Sincerely,



Ioana Comaniciu, P.E.
Water Resource Engineer

cc: Derek Patterson, TST, Inc. Consulting Engineers
Mark Simpson, District 3 Water Commissioner (Mark.Simpson@state.co.us)
Louis Flink, Diversion Records Coordinator (Louis.Flink@state.co.us)
WDID File (0303561 & 0307926)