

L.G. EVERIST, INC.
ROCK SOLID SINCE 1876

7321 E. 88TH AVENUE, SUITE 200
HENDERSON, COLORADO 80640
PHONE 303-287-9606 • FAX 303-289-1348

September 19, 2024

Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203
(submitted online as part of Online Annual Report)

RE: DRMS Annual Report - Carbon Valley Resource, Permit M-2001-017
Anniversary Date: September 19
Annual Fee: \$791.00 + online processing fees

Dear Division:

L.G. Everist, Inc. respectfully submits the DRMS Annual Report package for Carbon Valley Resource, Permit M-2001-017. The online annual report and annual fee have been submitted. The report package includes this cover letter with overview, a mine map, and groundwater monitoring data to accompany the online report.

Mining and Reclamation Activity

In Carbon Valley Resource, mining is done with mobile equipment - loaders and excavators. Materials are processed with portable equipment. No explosives are used (or necessary) at this mine site.

Mining continued in the south end of the permit area in 2023 and 2024. The DRMS approved a Technical Revision in July-2023, for a minor change to the reclamation plan - due to oil and gas operations structures being abandoned and removed. After the TR approval and during 2024, we mined through the oil and gas area. Mining in this site could be completed within the next few months to year - depending on sales and weather.

Reclamation has been concurrent with mining throughout the life of the mine. In 2023, the north and far south ends of the mining area were backfilled for the final slopes and compacted clay liner. In 2024, the remaining edges of the mining areas were backfilled for the final slopes and compacted clay liner in those areas. The upper perimeters have been topsoiled and seeded as per our reclamation plan. Areas just need time for adequate grass growth prior to final reclamation release. Weed management continues throughout the site, as needed.

Please refer to the online report for mining, reclamation and other acreages. A map is attached for a visual of the annual report areas noted above and in the online report. (Map used: Reclamation Plan Map - July-2023)

Groundwater Monitoring

Analysis of the groundwater monitoring data shows that the groundwater levels in the monitoring wells around the Carbon Valley Resource site have either remained within their baseline ranges every month, or have fluctuated slightly outside their baseline ranges - but have not adversely affected anyone, so there are no compliance issues. We continue to monitor all groundwater monitoring wells on a monthly basis.

One monitoring well, MW01, was destroyed in July-2023 during reclamation activities. In December-2023, it was replaced with MW-01 A. The replacement well was installed in the northwest corner of site - which is the same general area as the original well, but at a slightly different elevation. Because MW-01 A is a new well, it will be in a baseline period for two years, then the high and low trigger points can be determined. In the meantime, we are supplying the baseline groundwater level data from this new well with this annual report. The groundwater levels in MW-01 were within its baseline range prior to it being destroyed, and the new MW-01 A groundwater levels are holding very steady since we installed the well, so there are no compliance issues.



L.G. EVERIST, INC.
ROCK SOLID SINCE 1876

7321 E. 88TH AVENUE, SUITE 200
HENDERSON, COLORADO 80640
PHONE 303-287-9606 • FAX 303-289-1348

Monitoring Well MW02 is located along the west side of the active mining area. The groundwater levels in this well have stayed within its baseline ranges for the past year, so it is in compliance.

Monitoring Well MW03 is located outside the active mining area to the south-west. MW03 had slight fluctuations outside baseline ranges in the winter months of 2023 and 2024, but then it comes back into range, and the fluctuations did not adversely affect any neighbors, so there are no compliance issues.

Monitoring Well MW04 is located outside the active mining area to the south-east. MW04 was out of baseline range in 2023, but has come back into the baseline range in 2024. This well is located beyond the south end of the permitted mining area, on the far side of the Last Chance Ditch (a large irrigation ditch). This location (on the far side of an irrigation ditch), along with Town of Firestone construction work (near this well) could cause some of the fluctuations in groundwater levels in this well. But there are no residential or irrigation wells nearby, and no one was adversely affected by the fluctuations in 2023, so there are no compliance issues.

Monitoring Wells MW05 and MW06 are outside of the mining area and located on property that has been reclaimed and released from the mine permit. These two monitoring wells are located over 1000 feet away from the current permit area, and on the far side of a lined water storage reservoir that has been released from this permit, so any fluctuations in groundwater levels could not be caused by the mining activity, and should not be considered compliance issues. However, we still collected data from these monitoring wells in 2023 and 2024. The Town of Firestone has been developing the (released) reservoir for its own use as a municipal water storage reservoir. Monitoring Well MW05 stayed within its baseline range for the past year. Monitoring Well MW06 stayed within its baseline range half of the past year, and the levels were slightly high (less than 1 foot out of range) for a few months. This minor fluctuation is likely due to the changing levels of the Town of Firestone's reservoir. No one has been adversely affected.

Monitoring Well MW07 is located in the northeast corner of the mine site, near the permittee's office/scale-house. MW-07 has been out of its baseline range - the groundwater levels are slightly higher than baseline. The only building located near this well is the permittee's office/scale-house and the fluctuations are not adversely affecting us or any other neighbors. Therefore, there are no compliance issues.

The groundwater monitoring data and monitoring well map are attached.

If you have questions pertaining to this annual report, feel free to contact me via phone (cell-303-514-2778, office-303-286-2247) or email (lmshults@lgeverist.com).

Sincerely,

Lynn Mayer Shults
Regulatory Manager

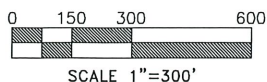
Attachments:

- Carbon Valley Resource - Exhibit E-1, Reclamation Plan Map
- Groundwater Monitoring Data
- Groundwater Monitoring Well Map

TO
ROAD 26

Sloping & Sealing
Completed
thru-out the
Site in 2024
also... topsoiling
& Seeding

LEGEND



DATE	DESCRIPTION	BY	 PREPARED BY: ENVIRONMENT, INC. 7085 VANCE DR. # 255A ARMOVA, CO 80603 (303) 423-7297 environment-inc@outlook.net	 L.G. EVERIST INC.	7321 EAST 80TH AVE., SUITE 200 HENDERSON, CO 80640	CARBON VALLEY RESOURCE MLRB PERMIT # M-2001-017	WELD COUNTY CLERK	DESIGNED BY	APPROVAL	REV SHEET
9/17/2001	ORIGINAL PERMIT ISSUED	LGE/BAG								
6/12/2010	PARTIAL RELEASE - FRENCH PARCEL	LGE								
10/11/2016	AMENDMENT - ADDED BROOKS FARM PARCEL	LGE/BN								
10/19/2018	PARTIAL RELEASE - LUDWIGMAN PARCEL	LGE/BN								
7/18/2023	PARTIAL RELEASE - REMOVED O&G FACILITY SOUTH B-D	LGE/BN	JOB NO	DATE	SCALE	DRAWN BY				
				7/18/2023	1" = 300'	SLO	SLO			

L.G. Everist, Inc. - Carbon Valley Resource (M-2001-017) - Groundwater Monitoring Well Data

MONITOR WELL NO.	MW-01	MW-01 A	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07
NORTHING, FT	1,307,353.84	1306981.27	1,306,390.31	1,305,531.41	1,305,207.10	1,306,084.75	1,307,521.49	1,307,522.07
EASTING, FT	3,156,990.45	3156129.54	3,156,962.85	3,156,965.85	3,157,915.49	3,159,231.68	3,159,255.52	3,158,242.86
ELEVATION (TOG), FT	4,814.364	4834.30	4,820.651	4,824.874	4,827.098	4,819.53	4,819.87	4,816.45
CASING HEIGHT, FT	4.34	2.88	2.48	(2.59)	2.45	2.56	2.22	2.70
ELEVATION (TOC), FT	4,818.702	4837.18	4,823.127	4,822.280	4,829.552	4,822.10	4,822.09	4,819.15
Notes >>>	destroyed 07-2023	installed 12-2023						

HIGH (max of first 2 yrs + 2)	4,812.60	baseline period	4,816.83	4,819.18	4,820.95	4,816.25	4,807.19	4,800.35
LOW (min of first 2 yrs - 2)	4,800.50	Dec2023-Dec2025	4,804.83	4,812.98	4,816.30	4,811.20	4,801.57	4,790.65

year	Sampling Date	MW-01	MW-01 A	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07
2023	01/11/23	4,810.00	---	4,813.48	4,812.65	4,811.55	4,812.85	4,805.89	4,806.50
	02/20/23	4,810.10	---	4,813.23	4,812.23	4,811.05	4,812.80	4,805.84	4,806.10
	03/30/23	4,809.90	---	4,813.23	4,812.16	4,810.95	4,812.65	4,805.64	4,806.00
	04/28/23	4,810.20	---	4,814.18	4,812.63	4,811.10	4,812.80	4,805.49	4,805.55
	05/25/23	4,810.97	---	4,814.70	4,813.00	4,811.35	4,813.35	4,806.49	4,806.85
	06/21/23	4,811.75	---	4,815.23	4,813.38	4,811.60	4,813.90	4,807.49	4,808.15
	07/18/23	4,811.55	---	4,815.38	4,813.18	4,811.65	4,814.00	4,807.34	4,807.50
	08/21/23	destroyed 7/23	---	4,815.63	4,813.33	4,811.85	4,814.35	4,807.49	4,807.40
	09/28/23	---	---	4,815.23	4,812.98	4,811.75	4,814.20	4,807.39	4,807.35
	10/24/23	---	---	4,814.98	4,812.98	4,811.65	4,814.10	4,807.34	4,807.20
	12/07/23	---	first rdg 12/27/23	4,813.63	4,812.48	4,811.55	4,813.90	4,806.89	4,806.95
	12/27/23	---	4,825.08	4,813.41	4,812.28	4,811.45	4,813.65	4,806.59	4,806.70
2024	01/29/24	---	4,824.73	4,812.13	4,809.93	4,816.85	4,813.52	4,806.14	4,806.40
	02/26/24	---	4,824.73	4,812.13	4,810.18	4,818.20	4,813.72	4,806.34	4,806.61
	03/27/24	---	4,825.08	4,814.73	4,816.38	4,819.16	4,813.68	4,806.63	4,806.84
	04/25/24	---	4,825.08	4,815.53	4,817.33	4,819.87	4,814.15	4,806.89	4,806.95
	05/28/24	---	4,825.93	4,816.43	4,817.73	4,820.25	4,814.55	4,807.54	4,807.25
	06/25/24	---	4,825.90	4,816.28	4,817.86	4,820.47	4,814.68	4,807.49	4,807.45
	07/25/24	---	4,826.28	4,816.77	4,817.98	4,820.38	4,814.65	4,807.99	4,807.54
	08/27/24	---	4,826.18	4,816.83	4,817.98	4,820.45	4,814.70	4,807.59	4,807.45
	sep	---							
	oct	---							
	nov	---							
	dec	---							

MW-01	MW-01 A	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07
NW	NW	W	SW	SE	released - far E	released - far NE	N

L.G. Everist, Inc. - Carbon Valley Resource (M-2001-017) - Groundwater Monitoring Well Map

Active monitoring wells - 2024

Note: MW-01 A is new (Dec-2023) and replaced MW-01, which was destroyed (July-2023)

