



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

October 14, 2021

Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

**RE: DRMS Annual Report - Ragsdale Reservoirs, Permit M-2020-007**  
**Anniversary Date: October 14**

Dear Division:

L.G. Everist, Inc. respectfully submits this cover letter, mine map, and groundwater monitoring information to be included with the online submittal of the **DRMS Annual Report and Annual Report Fee for Ragsdale Reservoirs, Permit M-2020-007**.

The DRMS permit for Ragsdale Reservoirs was approved and issued on October 14, 2020. Since then, L.G. Everist, Inc. has been slowly working through the Weld County permitting process. The Weld County Use by Special Review for mining, USR20-0030, was approved December 9, 2020, and the permit resolution was signed on January 6, 2021.

Mining and processing operations have not yet begun on site. L.G. Everist has been prepping the site this past summer - which includes disturbing parts of Phase 1A (approximately 20 acres) and parts of Phase 3 (approximately 30 acres), stripping those areas of topsoil, then constructing and vegetating the site berm as per our permit plans along the west side of Highway 85. We have been erecting the processing plant and related conveyor systems in Phase 3. We are also creating the haul roads that will be needed throughout the plant site area, and updating an existing house to be used as the office/scale-house. We are in the process of completing the road improvements and site access as required by Weld County (including acceleration and deceleration lanes on Highway 85). After the road improvements are completed, mining can begin. Please see the attached *Exhibit C-1, Mining Plan Map (2020)* for reference on the Phases mentioned above.

We estimate opening up between 10 and 20 acres next year for mining. Because this mine is just starting, there may not be any reclamation next year. But throughout the life of the mine, we will conduct concurrent reclamation as much as possible, which includes backfilling, sloping and topsoiling any future reservoir areas that have been mined out.

We are including baseline groundwater monitoring data and a map of the groundwater monitoring well locations in this annual report. The groundwater monitoring wells were installed in October-2019. Data from the wells is collected monthly. Next year, when mining begins, the monthly data can be analyzed in connection with the baseline data. Please see the following pages for the groundwater monitoring data and monitoring well map.

If you have questions, feel free to contact me at 303-286-2247, or [lmshults@lgeverist.com](mailto:lmshults@lgeverist.com).

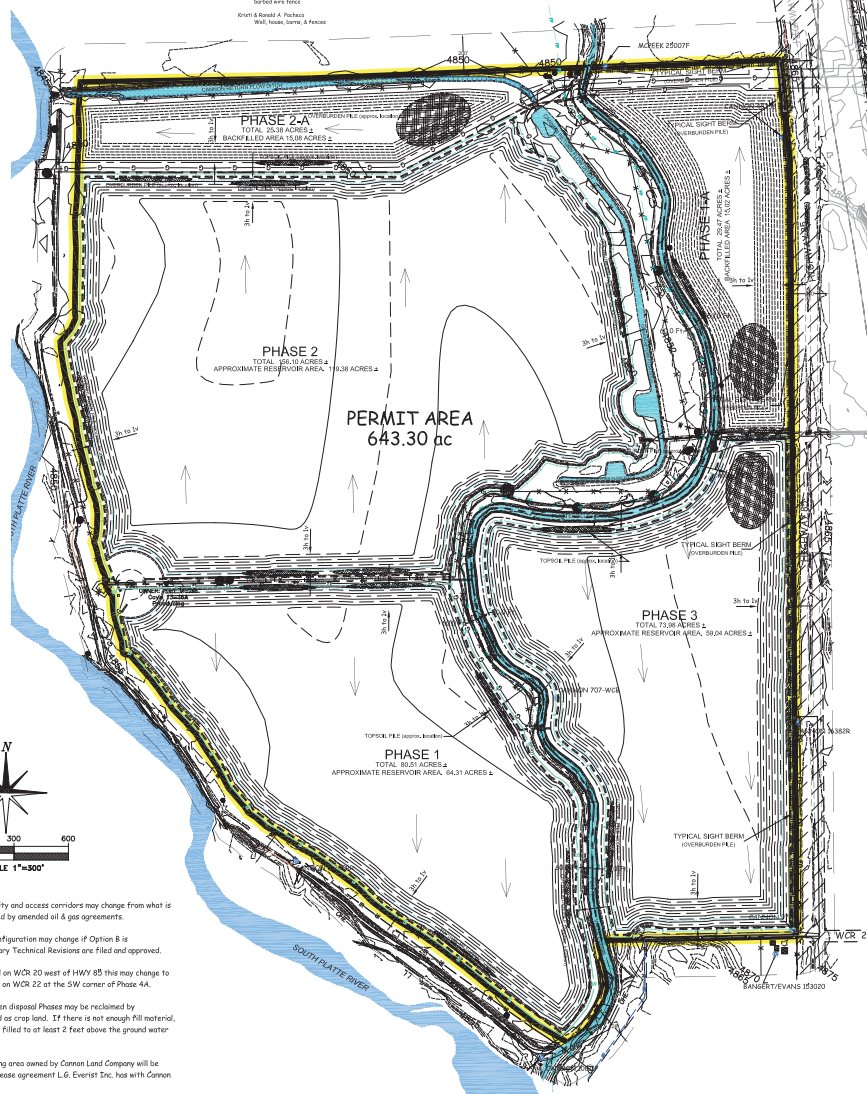
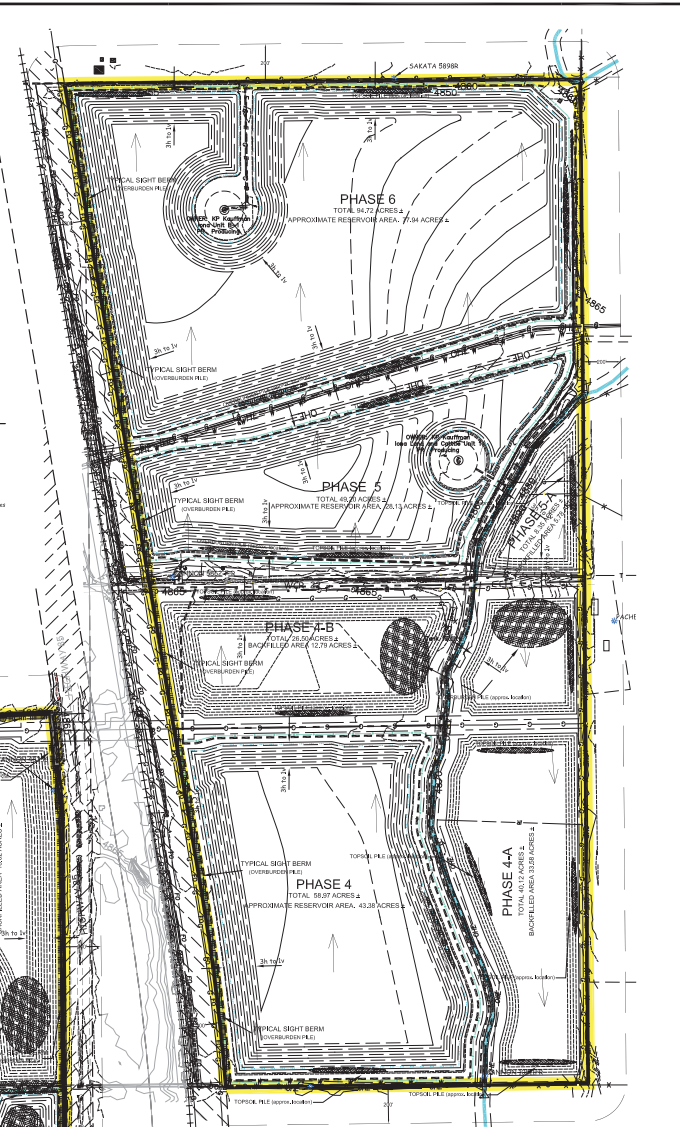
Sincerely,

Lynn Mayer Shults  
Regulatory Manager

*Attachments:*




























- *Ragsdale Reservoirs - Exhibit C-1, Mining Plan Map*
- *Groundwater Monitoring Data*
- *Groundwater Monitoring Well Map*

FROM EXHIBIT 5 - STRUCTURES ON OR WITHIN 200 FT.	
Surface owners (shown on map)	Rights of Way & Easements (shown on map)
<p>Conoco Local Company</p> <p>Pence, 3: bridge, powerline</p> <p>10: oilwell, 7: shaft, exempt, barn, water well</p> <p>M&amp;L - House, Barn, shed, water well</p> <p>Don't Easement - 2 shaft, shed</p> <p>2 House, barn, 7 shaft, water well</p> <p>Water line, 2 separator ponds, diversion structures and pump houses &amp; 9 water wells</p> <p>Shaw, Redford</p> <p>3: isolated area Pence and pump houses &amp; 4 original well</p> <p>Public, 7 &amp; Excess</p>	<p>Utah Pacific Railroad</p> <p>railroad tracks, A communication line</p> <p>Colorado Department of Transportation - Region 4</p> <p>HWY 65, ROW fence</p> <p>Weld County Conservancies</p> <p>County Roads 102, 104 &amp; 123</p> <p>Platte Valley Irrigation Company</p> <p>Platte Valley Canal, pipe bldg. &amp; diversion structure</p> <p>Porter, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757,</p>



- 1) Oil/gas well, line gas and pipeline and access corridors may change from what is shown on this map if required by amended oil & gas agreements.
- 2) Reservoir development and configuration may change if Option B is exercised and the necessary Technical Revisions are filed and approved.
- 3) Main access to mine is located on WGR 20 west of the HWY 85 this may change to the eastern access located on WGR 22 at the SW corner of Phase 4A.
- 4) The 5 bottoming pool/overburden disposal Phase may not be reclaimed by backfilling and revegetated as crop land. If there is not enough fill material, some of the Phase may be filled to at least 2 feet from the ground water table before reclamation.
- 5) All structures within the mining area owned by Canon Land Company will be removed as stipulated in the Lidede agreement (LFE, Everist Inc. has with Canon Land Company).
- 6) Sight Barms built along the Highway 85 corridor will be built using overburden and respoiled and vegetated. These barms will remain when reclamation is complete.

LEGEND

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-  PERMIT BOUNDARY/AFFECTED LANDS  
 200 FOOT LIMIT  
 PHASE LINE  
 COMMUNICATION LINES  
 OVERHEAD POWER LINES  
 FENCE  
 EXISTING RAIL LINE  
 WATER LINE  
 IRRIGATION LINES  
 FIBER OPTIC LINES  
 GAS LINES  
 ROADS (OFFSITE)  
 ROADS (HAUL, ACCESS) (TYP.)  
 TOPO CONTOUR  
 STREAM  
 DITCH  
 FLOOD PLAIN  
 SLURRY WALL  
 TYPICAL SIGHT BERMS/OVERBURDEN PILES  
 BUILDINGS  
 MONITORING WELL  
 WATER WELL (OWNER PERMIT #)  
 OIL/GAS WELL  
 HIGHWAY 85 RIGHT OF WAY  
 RAILROAD RIGHT OF WAY  
 TOPSOIL PILES (approx location)  
 OVERBURDEN PILES (approx location)

**Map Exhibit C-1 - Mining Plan Map**

PREPARED BY: **ENVIRONMENT, INC.**  
7985 VANCE DR., # 205A  
ARVADA, CO 80003  
(303) 425-7297  
environment-inc@outlook.net

**LEGAL DESCRIPTION**  
Part of the NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 7, and all of the NE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , all of the SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ , and part of the NW $\frac{1}{4}$ NE $\frac{1}{4}$  Section 19, Township 2 North, County, Colorado

REVISIONS:
ORIGINAL PER
REPLACES ORIGI

DATE:
Jan 2020
5/4/2020

APPLICATION FOR A 112 PERMIT  
RAGSDALE RESERVOIRS



L.G. Everist, Inc.

7321 East 88th Avenue | Henderson, Colorado 80640  
phone: (303) 287-4656 | fax: (303) 289-1348

DATE:	4/23/2020
FILE NAME:	DRAFT
SCALE:	1"=500'
DRAWN BY:	ENV/SLO
CHECKED BY:	INITIALS

**L.G. Everist, Inc. - Ragsdale Reservoirs (M-2020-007) - Groundwater Monitoring Well Data**

MONITOR WELL NO.	MW 1	MW 2	MW 03	MW 04	MW 05	MW 06	MW 07	MW 08	MW 09	MW 10	MW 11	MW 12	MW 13	MW 14
NORTHING, FT	1,295,898.65	1,295,942.41	1,295,534.63	1,293,275.39	1,291,109.84	1,291,668.25	1,292,861.73	1,296,713.39	1,294,323.43	1,294,309.42	1,296,788.30	1,299,372.37	1,299,433.15	1,298,160.70
EASTING, FT	3,193,257.54	3,192,033.57	3,189,747.26	3,189,910.84	3,192,292.95	3,193,454.29	3,193,446.12	3,194,014.82	3,194,377.76	3,195,616.77	3,195,447.13	3,196,042.42	3,193,591.30	3,193,833.97
ELEVATION (TOG), FT	4,863.20	4,850.19	4,849.64	4,853.85	4,859.84	4,873.22	4,869.74	4,862.89	4,868.27	4,869.58	4,865.88	4,862.42	4,856.35	4,859.34
CASING HEIGHT, FT	2.90	2.39	2.94	3.12	2.99	3.10	3.03	2.79	2.92	2.92	2.86	3.03	3.33	2.90
ELEVATION (TOC), FT	4,866.10	4,852.58	4,852.58	4,856.98	4,862.83	4,876.32	4,872.77	4,865.68	4,871.19	4,872.50	4,868.75	4,865.45	4,859.68	4,862.24

updated Elevation (TOC) for MW12

4,865.69

MW12 case replaced & Elevation  
(TOC) changed slightly. 02/22/21

11/06/19	4,850.10	4,846.35	4,842.98	4,846.30	4,855.73	4,857.50	4,855.07	4,850.43	4,854.24	4,856.40	4,851.63	4,854.30	4,847.63	4,848.96
12/09/19	4,849.16	4,845.60	4,843.18	4,846.45	4,854.53	4,856.52	4,854.11	4,849.73	4,853.16	4,854.90	4,850.70	4,854.65	4,847.60	4,849.24
01/13/20	4,847.77	4,844.89	4,842.80	4,846.23	4,854.19	4,855.62	4,852.91	4,848.33	4,851.74	4,853.60	4,849.58	4,852.64	4,845.57	4,846.94
02/10/20	4,847.45	4,844.82	4,842.83	4,846.35	4,854.03	4,855.17	4,852.48	4,847.63	4,851.19	4,852.72	4,848.62	4,852.30	4,844.68	4,846.09
03/12/20	4,848.32	4,845.52	4,843.02	4,846.33	4,854.43	4,856.28	4,852.79	4,847.74	4,851.09	4,851.95	4,847.95	4,853.15	4,844.46	4,846.14
04/30/20	4,848.58	4,846.07	4,842.56	4,845.78	4,854.62	4,855.22	4,853.05	4,847.88	4,851.34	4,852.50	4,848.89	4,852.67	4,844.73	4,846.29
05/29/20	4,849.93	4,846.47	4,842.90	4,846.07	4,856.01	4,857.44	4,855.80	4,849.53	4,853.25	4,854.65	4,850.60	4,853.24	4,846.07	4,847.02
06/25/20	4,850.09	4,846.21	4,843.57	4,846.62	4,856.08	4,858.17	4,857.33	4,850.63	4,855.37	4,857.15	4,852.70	4,853.69	4,848.00	4,848.99
07/20/20	4,850.22	4,846.10	4,842.77	4,846.03	4,855.31	4,858.51	4,857.90	4,851.16	4,857.07	4,857.79	4,853.13	4,853.82	4,848.31	4,849.55
08/27/20	4,850.21	4,846.23	4,842.36	4,845.63	4,855.33	4,858.39	4,857.58	4,850.89	4,855.90	4,857.75	4,851.65	4,853.70	4,848.67	4,849.39
09/11/20	4,851.31	4,846.60	4,842.49	4,844.76	4,855.67	4,858.54	4,857.99	4,850.83	4,855.67	4,857.25	4,852.24	4,853.40	4,848.09	4,849.29
10/28/20	4,849.42	4,846.00	4,842.68	4,846.00	4,854.70	4,857.14	4,854.82	4,849.98	4,853.95	4,856.11	4,851.36	4,853.05	4,846.96	4,848.39
11/04/20	4,849.16	4,845.92	4,842.83	4,846.19	4,854.72	4,857.02	4,854.41	4,849.45	4,853.77	4,855.49	4,850.51	4,852.94	4,846.46	4,847.99
12/18/20	4,848.20	4,845.59	4,842.94	4,846.27	4,854.18	4,855.53	4,853.11	4,848.26	4,851.87	4,853.31	4,849.13	4,852.59	4,845.13	4,846.62
01/14/21	4,848.23	4,846.06	4,842.56	4,845.87	4,854.64	4,855.18	4,851.96	4,847.67	4,851.28	4,852.49	4,848.24	4,851.85	4,844.36	4,845.95
02/22/21	4,849.16	4,846.22	4,841.78	4,845.04	4,854.89	4,855.47	4,853.23	4,848.34	4,851.48	4,852.11	4,848.46	4,851.60	4,844.94	4,846.67
03/04/21	4,848.75	4,845.92	4,842.90	4,846.22	4,854.02	4,855.18	4,853.01	4,848.19	4,851.38	4,852.16	4,848.44	4,852.10	4,844.77	4,846.56
04/26/21	4,848.95	4,846.19	4,842.65	4,845.83	4,854.92	4,856.36	4,855.12	4,848.74	4,852.17	4,853.02	4,849.94	4,852.48	4,844.97	4,847.25
05/24/21	4,849.92	4,846.37	4,843.43	4,846.59	4,855.43	4,857.22	4,856.76	4,849.80	4,853.95	4,854.93	4,851.06	4,853.44	4,845.83	4,847.96
06/22/21	4,850.42	4,846.70	4,843.69	4,846.66	4,855.87	4,858.97	4,853.99	4,850.76	4,854.64	4,857.23	4,853.07	4,854.10	4,847.67	4,849.09
07/16/21	4,850.76	4,846.64	4,843.09	4,846.18	4,855.94	4,858.63	4,857.14	4,851.57	4,855.52	4,858.57	4,854.34	4,854.77	4,848.51	4,849.95
08/19/21	4,851.18	4,846.80	4,842.67	4,845.87	4,855.87	4,859.10	4,858.32	4,852.14	4,856.64	4,859.17	4,854.31	4,854.98	4,848.57	4,850.12
09/16/21	4,850.89	4,846.68	4,842.27	4,845.59	4,856.78	4,859.16	4,858.58	4,852.27	4,856.65	4,858.91	4,854.22	4,854.64	4,849.69	4,850.69





# L.G. EVERIST, Inc. – Monitoring Well Map

