



143 Diamond Avenue
Parachute, CO 81635

Love Ranch 8 Off-Location Pipeline Release
Surface Water Sampling Table
5/2/2023

| Analyte | | BENZENE | TOLUENE | ETHYLBENZENE | TOTAL XYLENES | NAPHTHALENE | 1,2,4-TRIMETHYLBENZENE | 1,3,5-TRIMETHYLBENZENE | TDS | CHLORIDE | SULFATE |
|---------------|-------------|-------------|-------------|--------------|---------------|---------------|------------------------|------------------------|------|----------|---------|
| 915-1 WATER | | 0.005 | 1 | 0.7 | 10 | 0.14 | 0.067 | 0.067 | | 250 | 250 |
| Location ID | Sample Date | | | | | | | | | | |
| ST-PC-BG | 5/2/2023 | 0.000517 J | 0.00114 | < 0.00100 U | 0.00144 J | < 0.00500 UJ4 | < 0.00100 U | 0.000183 J | 604 | 10.9 | 164 |
| ST-PC-CR24 | 5/2/2023 | 0.000219 J | 0.000859 J | < 0.00100 U | 0.00129 J | < 0.00500 UJ4 | < 0.00100 U | 0.000280 J | 597 | 10.4 | 162 |
| ST-PC-DG01 | 5/2/2023 | 0.000548 J | 0.00225 | 0.000229 J | 0.00326 | < 0.00500 U | 0.000405 J | 0.000382 J | 568 | 9.97 | 158 J6 |
| ST-PC-DG02 | 5/2/2023 | 0.000693 J | 0.00197 | 0.000193 J | 0.00277 J | < 0.00500 U | 0.000460 J | 0.000453 J | 580 | 10.2 | 155 |
| ST-PC-DG03 | 5/2/2023 | 0.000658 J | 0.00227 | 0.000194 J | 0.00285 J | < 0.00500 U | 0.000742 J | 0.000658 J | 577 | 10.1 | 156 |
| ST-PC-DG04 | 5/2/2023 | 0.000343 J | 0.00149 | < 0.00100 U | 0.00193 J | < 0.00500 U | < 0.00100 U | 0.000273 J | 582 | 10.0 | 154 |
| ST-PC-DG05 | 5/2/2023 | 0.000512 J | 0.00247 | 0.000268 J | 0.00582 | < 0.00500 U | 0.00112 | 0.00104 | 574 | 10.1 | 156 |
| ST-PC-DG06 | 5/2/2023 | 0.000296 J | 0.00141 | 0.000182 J | 0.00195 J | < 0.00500 U | < 0.00100 U | 0.000260 J | 569 | 9.94 | 153 |
| ST-PC-DG07 | 5/2/2023 | 0.000326 J | 0.00151 | 0.000140 J | 0.00181 J | < 0.00500 U | < 0.00100 U | 0.000232 J | 562 | 9.96 | 154 |
| ST-PC-DG08 | 5/2/2023 | 0.000617 J | 0.00205 | 0.000141 J | 0.00237 J | < 0.00500 U | < 0.00100 U | 0.000260 J | 578 | 9.76 | 149 |
| ST-PC-DG09 | 5/2/2023 | 0.000728 J | 0.00258 | 0.000192 J | 0.00243 J | < 0.00500 UJ4 | < 0.00100 U | 0.000259 J | 574 | 10.1 | 154 |
| ST-PC-DG10 | 5/2/2023 | 0.000580 J | 0.00214 | 0.000153 J | 0.00215 J | < 0.00500 UJ4 | < 0.00100 U | 0.000274 J | 565 | 10.1 | 155 J6 |
| ST-PC-DG11 | 5/2/2023 | 0.000342 J | 0.00119 | < 0.00100 U | 0.00115 J | < 0.00500 UJ4 | < 0.00100 U | 0.000104 J | 566 | 10.1 | 155 |
| ST-PC-DG12 | 5/2/2023 | 0.000213 J | 0.000784 J | < 0.00100 U | 0.000499 J | < 0.00500 UJ4 | < 0.00100 U | < 0.00100 U | 562 | 9.73 | 149 |
| ST-PC-DG13 | 5/2/2023 | 0.000345 J | 0.00111 | < 0.00100 U | 0.000802 J | < 0.00500 UJ4 | < 0.00100 U | < 0.00100 U | 571 | 10.0 | 155 |
| ST-PC-FIELD01 | 5/2/2023 | < 0.00100 U | 0.000334 J | < 0.00100 U | 0.000371 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 1030 | 30.6 | 277 |
| ST-PC-FIELD02 | 5/2/2023 | 0.000348 J | 0.00158 | < 0.00100 U | 0.00231 J | < 0.00500 U | 0.000331 J | 0.000251 J | 946 | 19.9 | 292 |
| ST-PC-HG | 5/2/2023 | 0.000269 J | 0.00115 | < 0.00100 U | 0.00232 J | < 0.00500 UJ4 | 0.000407 J | 0.000423 J | 604 | 10.7 | 167 |
| ST-PC-POR | 5/2/2023 | 29.0 | 96.7 | 8.11 | 130 | < 10.0 UJ4 | 18.4 | 19.2 | | 17.8 | 152 |
| ST-PC-UG01 | 5/2/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 569 | 10.2 | 158 |
| ST-PC-UG02 | 5/2/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 581 | 9.54 | 153 |
| ST-PC-UG03 | 5/2/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 578 | 9.76 | 152 |



143 Diamond Avenue
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Love Ranch 8 Off-Location Pipeline Release
Surface Water Sampling Table
5/3/2023

| Analyte | | BENZENE | TOLUENE | ETHYLBENZENE | TOTAL XYLENES | NAPHTHALENE | 1,2,4-TRIMETHYLBENZENE | 1,3,5-TRIMETHYLBENZENE | TDS | CHLORIDE | SULFATE |
|---------------|-------------|-------------|-------------|--------------|---------------|-------------|------------------------|------------------------|-----|----------|---------|
| 915-1 WATER | | 0.005 | 1 | 0.7 | 10 | 0.14 | 0.067 | 0.067 | | 250 | 250 |
| Location ID | Sample Date | | | | | | | | | | |
| ST-PC-BG | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 595 | 10.7 | 166 |
| ST-PC-CR24 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000259 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 587 | 10.4 | 157 |
| ST-PC-DG01 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 565 | 10.4 | 160 |
| ST-PC-DG02 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000345 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 884 | 13.2 | 186 |
| ST-PC-DG03 | 5/3/2023 | < 0.00100 U | 0.000310 J | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 559 | 9.97 | 153 |
| ST-PC-DG04 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 568 | 9.99 | 153 |
| ST-PC-DG05 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000209 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 555 | 9.96 | 152 |
| ST-PC-DG06 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000194 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 561 | 9.98 | 152 |
| ST-PC-DG07 | 5/3/2023 | < 0.00100 U | 0.000300 J | < 0.00100 U | 0.000262 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 567 | 9.63 | 152 |
| ST-PC-DG08 | 5/3/2023 | < 0.00100 U | 0.000336 J | < 0.00100 U | 0.000232 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 568 | 9.56 | 151 |
| ST-PC-DG09 | 5/3/2023 | < 0.00100 U | 0.000327 J | < 0.00100 U | 0.000288 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 552 | 9.58 | 151 |
| ST-PC-DG10 | 5/3/2023 | < 0.00100 U | 0.000319 J | < 0.00100 U | 0.000237 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 581 | 9.53 | 151 |
| ST-PC-DG11 | 5/3/2023 | < 0.00100 U | 0.000333 J | < 0.00100 U | 0.000248 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 572 | 9.67 | 150 |
| ST-PC-DG12 | 5/3/2023 | < 0.00100 U | 0.000290 J | < 0.00100 U | 0.000208 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 564 | 9.57 | 151 |
| ST-PC-DG13 | 5/3/2023 | < 0.00100 U | 0.000379 J | < 0.00100 U | 0.000353 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 563 | 9.43 | 150 |
| ST-PC-DITCH01 | 5/3/2023 | < 0.00100 U | 0.000332 J | < 0.00100 U | 0.000714 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 551 | 9.66 | 148 |
| ST-PC-DITCH02 | 5/3/2023 | < 0.00100 U | 0.000343 J | < 0.00100 U | 0.000404 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 913 | 14.5 | 208 |
| ST-PC-DITCH03 | 5/3/2023 | < 0.00100 U | 0.000345 J | < 0.00100 U | 0.000286 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 600 | 10.6 | 163 |
| ST-PC-DITCH04 | 5/3/2023 | < 0.00100 U | 0.000300 J | < 0.00100 U | 0.000274 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 571 | 9.80 | 155 |
| ST-PC-DITCH05 | 5/3/2023 | < 0.00100 U | 0.000314 J | < 0.00100 U | 0.000238 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 558 | 12.6 | 153 |
| ST-PC-DITCH06 | 5/3/2023 | < 0.00100 U | 0.000312 J | < 0.00100 U | 0.000298 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 584 | 9.85 | 155 |
| ST-PC-FIELD01 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000183 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 860 | 19.3 | 311 |
| ST-PC-FIELD02 | 5/3/2023 | < 0.00500 U | < 0.00500 U | < 0.00500 U | 0.00115 J | < 0.0250 U | < 0.00500 U | 0.000657 J | 567 | 9.67 | 154 |
| ST-PC-HG | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 582 | 10.2 | 161 |
| ST-PC-POR | 5/3/2023 | 0.000390 J | 0.00226 | 0.000253 J | 0.00317 | < 0.00500 U | 0.000420 J | 0.000373 J | 551 | 10.1 | 153 |
| ST-PC-UG01 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 582 | 9.98 | 153 |
| ST-PC-UG02 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 570 | 9.97 | 153 |
| ST-PC-UG03 | 5/3/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 554 | 9.96 | 150 |



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Love Ranch 8 Off-Location Pipeline Release
Surface Water Sampling Table
5/4/2023

| Analyte | | BENZENE | TOLUENE | ETHYLBENZENE | TOTAL XYLENES | NAPHTHALENE | 1,2,4-TRIMETHYLBENZENE | 1,3,5-TRIMETHYLBENZENE | TDS | CHLORIDE | SULFATE |
|---------------|-------------|-------------|-------------|--------------|---------------|-------------|------------------------|------------------------|------|----------|---------|
| 915-1 WATER | | 0.005 | 1 | 0.7 | 10 | 0.14 | 0.067 | 0.067 | | 250 | 250 |
| Location ID | Sample Date | | | | | | | | | | |
| ST-PC-BG | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 595 | 10.6 | 163 |
| ST-PC-CR24 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000236 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 560 | 10.3 | 160 |
| ST-PC-DG01 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000222 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 560 | 9.81 | 152 |
| ST-PC-DG10 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000188 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 547 | 9.53 | 147 |
| ST-PC-DG11 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000246 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 545 | 9.60 | 147 |
| ST-PC-DG12 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 545 | 9.56 | 148 |
| ST-PC-DG13 | 5/4/2023 | < 0.00100 U | 0.000281 J | < 0.00100 U | 0.000268 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 549 | 9.57 | 149 |
| ST-PC-DG02 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000191 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 559 | 9.60 | 150 |
| ST-PC-DG03 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000230 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 546 | 9.61 | 149 |
| ST-PC-DG04 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 549 | 9.54 | 148 |
| ST-PC-DG05 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000255 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 553 | 9.61 | 148 |
| ST-PC-DG06 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 551 | 9.55 | 148 |
| ST-PC-DG07 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 550 | 9.57 | 148 |
| ST-PC-DG08 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000186 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 545 | 9.70 | 149 |
| ST-PC-DG09 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000213 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 555 | 9.59 | 148 |
| ST-PC-DITCH01 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000199 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 560 | 9.77 | 155 |
| ST-PC-DITCH02 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000249 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 645 | 13.4 | 191 |
| ST-PC-DITCH03 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000247 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 581 | 10.1 | 155 |
| ST-PC-DITCH04 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000241 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 560 | 9.35 | 146 |
| ST-PC-DITCH05 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000179 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 562 | 9.15 | 144 |
| ST-PC-DITCH06 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 561 | 9.44 | 147 |
| ST-PC-FIELD01 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 1490 | 28.8 | 510 |
| ST-PC-FIELD02 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 739 | 15.2 | 223 |
| ST-PC-HG | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000299 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 573 | 10.2 | 159 |
| ST-PC-POR | 5/4/2023 | 0.000759 J | 0.00500 | 0.000437 J | 0.00620 | < 0.00500 U | 0.000675 J | 0.000595 J | 553 | 9.60 | 149 |
| ST-PC-UG01 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 556 | 9.61 | 149 |
| ST-PC-UG02 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 552 | 9.60 | 149 |
| ST-PC-UG03 | 5/4/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 550 | 9.60 | 149 |



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Love Ranch 8 Off-Location Pipeline Release
Surface Water Sampling Table
5/5/2023

| Analyte | | BENZENE | TOLUENE | ETHYLBENZENE | TOTAL XYLENES | NAPHTHALENE | 1,2,4-TRIMETHYLBENZENE | 1,3,5-TRIMETHYLBENZENE | TDS | CHLORIDE | SULFATE |
|-------------|-------------|-------------|-------------|--------------|---------------|-------------|------------------------|------------------------|-----|----------|---------|
| 915-1 WATER | | 0.005 | 1 | 0.7 | 10 | 0.14 | 0.067 | 0.067 | | 250 | 250 |
| Location ID | Sample Date | | | | | | | | | | |
| ST-PC-DG11 | 5/5/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 544 | 8.97 | 140 |
| ST-PC-DG12 | 5/5/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 536 | 9.04 | 140 |
| ST-PC-DG13 | 5/5/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | 0.000210 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 549 | 8.95 | 140 |
| ST-PC-DG14 | 5/5/2023 | 0.0000965 J | 0.000426 J | < 0.00100 U | 0.000416 J | < 0.00500 U | < 0.00100 U | < 0.00100 U | 537 | 8.96 | 139 |
| ST-PC-POR | 5/5/2023 | 0.000955 J | 0.00588 | 0.000532 J | 0.00876 | 0.00105 J | 0.00211 | 0.00171 | 542 | 8.99 | 140 |
| ST-PC-UG02 | 5/5/2023 | < 0.00100 U | < 0.00100 U | < 0.00100 U | < 0.00300 U | < 0.00500 U | < 0.00100 U | < 0.00100 U | 545 | 9.09 | 140 |