

TABLE 4
 Additional Inorganic Analytes - Soil Samples
 T084 Comprehensive Sampling 5/15

| | |
|----------|----------|
| lab sdg | lab sdg |
| L1859671 | L1859671 |
| L1859689 | L1859689 |

Notes:

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 Blue cells indicate an exceedance of either the MCL-based EPA Protection of Groundwater SSL (PGSSL), where available, or the Risk-Based PGSSL.
 Inorganic SSLs are based on target cancer risk (TR) of 10-6 (OR 1E-06) and target hazard quotient (THQ) of 1.0.
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 Italic values indicate that the laboratory-reported method detection limit and/or quantitation limit associated with the non-detected result is higher than the threshold concentration.
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 Uranium-238 is measured by its daughter isotope, Thorium-234.
 Radium-228 is measured by its daughter isotope, Actinium-228.
 Radium-226 is measured by its daughter isotope, Bismuth-214.

ECMC = Colorado Energy and Carbon Management Commission
 mg/kg = Milligrams per kilogram
 mg/L = Milligrams per Liter
 pCi/g = picocuries per gram

Data Qualifiers

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TABLE 4
Additional Inorganic Analytes - Soil Samples
T084 Comprehensive Sampling 5/15

| Sample ID | Location | Sample Date | Depth | Sample Purpose | SM2540G | WBLACK | E901.1 | | | | | SW6010 | |
|---|------------|-------------|------------|------------------------|--------------|----------------------|-----------|-----------------------|----------------------|-----------|---------------------|------------------|----------------|
| | | | | | TOTAL SOLIDS | TOTAL ORGANIC CARBON | 226RADIUM | ACTINIUM-228 (RA-228) | BISMUTH-214 (RA-226) | LEAD-214 | THORIUM-234 (U-238) | ALUMINIUM | BERYLLIUM |
| | | | | | % | mg/kg | pCi/g | pCi/g | pCi/g | pCi/g | pCi/g | mg/kg | mg/kg |
| EPA Residential Soil Screening Level (RSSL) | | | | | NE | NE | NE | NE | NE | NE | NE | 77000 | 160 |
| EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based | | | | | NE | NE | NE | NE | NE | NE | NE | 30000 (R) | 3.2 (M) |
| GACO0515T084CRS001 | T084CRS001 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 87.6 | 28100 J | 0.025 U | 0.978 | 0.582 | 0.56 | -1.68 U | 2860 | 0.322 |
| GACO0515T084CRS002 | T084CRS002 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 84 | 22100 J | 0.352 U | 0.548 | 0.419 | 0.377 | 0.428 U | 3840 | 0.437 |
| GACO0515T084CRS003 | T084CRS003 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 81.3 | 20200 J | 0.718 U | 1.06 | 0.57 | 0.717 | -0.0738 U | 4340 | 0.491 |
| GACO0515T084CRS004 | T084CRS004 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 77.1 | 15900 J | 1.29 | 1.03 | 0.66 | 0.995 | 0.381 U | 4790 | 0.562 |
| GACO0515T084CRS005 | T084CRS005 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 83.5 | 18600 J | 0.764 U | 0.999 | 0.733 | 0.81 | 1.75 U | 4060 | 0.482 |
| GACO0515T084CRS006 | T084CRS006 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 81.4 | 13100 | 1.5 U | 0.814 | 0.876 | 0.744 | 0.873 U | 2930 | 0.358 |
| GACO0515T084CRS007 | T084CRS007 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 81.3 | 27000 | 0.403 U | 1 | 0.833 | 0.598 | 0.735 U | 3170 | 0.374 |
| GACO0515T084CRS008 | T084CRS008 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 85.1 | 17100 | 1.94 | 1.16 | 0.801 | 0.764 | -0.093 U | 3710 J- | 0.419 |
| GACO0515T084CRS009 | T084CRS009 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 76.5 | 76900 J | -0.259 U | 0.623 | 0.528 | 0.585 | -1.46 U | 3400 | 0.352 |
| GACO0515T084CRS010 | T084CRS010 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 74.2 | 48800 J | 1.77 | 0.799 | 0.638 | 0.411 | 0.717 U | 2970 | 0.346 |
| GACO0515T084CRS010 | T084CRS010 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 71.3 | 58500 J | 1.27 U | 0.93 | 0.778 | 0.71 | 0.903 U | 3480 | 0.387 |
| GACO0515T084CRS011 | T084CRS011 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 80.2 | 77500 J | -0.0336 U | 0.62 U | 0.52 | 0.686 | 0.112 U | 2230 | 0.266 |
| GACO0515T084CRS012 | T084CRS012 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 84.3 | 38800 J | 0.27 U | 0.671 | 0.555 | 0.575 | 0.651 U | 2020 | <0.237 U |
| GACO0515T084CRS013 | T084CRS013 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 87.7 | 8250 | 1.79 | 0.956 | 0.677 | 0.714 | 1.88 U | 2970 | 0.349 |
| GACO0515T084CRS014 | T084CRS014 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 90.6 | 9170 J | 2.08 | 0.724 U | 0.735 | 0.804 | 0.378 U | 1510 | <0.221 U |
| GACO0515T084CRS015 | T084CRS015 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 88.5 | 6580 | 1.24 | 0.719 | 0.753 | 0.713 | 0.603 U | 1980 J- | 0.276 |
| GACO0515T084CRS016 | T084CRS016 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 89 | 6810 | 1.12 U | 0.521 U | 0.744 | 0.577 | 0.365 U | 1830 J- | 0.235 |
| GACO0515T084CRS017 | T084CRS017 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 84.1 | 12300 | -0.202 U | 0.678 | 0.464 | 0.553 | -1.1 U | 1940 J- | 0.241 |

Notes:

Bold and Pink or Blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
Blue cells indicate an exceedance of either the MCL-based EPA Protection of Groundwater SSL (PGSSL), where available, or the Risk-Based PGSSL.
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Uranium-238 is measured by its daughter isotope, Thorium-234.
Radium-228 is measured by its daughter isotope, Actinium-228.
Radium-226 is measured by its daughter isotope, Bismuth-214.

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| Sample ID | Location | Sample Date | Depth | Sample Purpose | SW6010 | | | | | | | | SM4500-NORG-D |
|---|------------|-------------|------------|------------------------|---------|----------|---------|-----------|-----------|-----------|--------|----------|-------------------------|
| | | | | | CALCIUM | COBALT | IRON | MAGNESIUM | MANGANESE | POTASSIUM | SODIUM | VANADIUM | TOTAL KJELDAHL NITROGEN |
| | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EPA Residential Soil Screening Level (RSSL) | | | | | NE | 23 | 55000 | NE | 1800 | NE | NE | 390 | NE |
| EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based | | | | | NE | 0.27 (R) | 350 (R) | NE | 28 (R) | NE | NE | 86 (R) | NE |
| GACO0515T084CRS001 | T084CRS001 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 16900 | 2.84 | 4560 | 2190 | 164 | 1770 | 161 | 10 | 1960 |
| GACO0515T084CRS002 | T084CRS002 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 19000 | 3.62 | 6420 | 2630 | 225 | 2360 | <119 U | 13.5 | 911 |
| GACO0515T084CRS003 | T084CRS003 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 18800 | 3.89 | 6880 | 2920 | 248 | 2950 | <123 U | 13.9 | 2540 |
| GACO0515T084CRS004 | T084CRS004 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 23200 | 4.38 | 6890 | 3270 | 283 | 3600 | <130 U | 16.2 | 1340 |
| GACO0515T084CRS005 | T084CRS005 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 17500 | 3.63 | 5740 | 2410 | 223 | 1150 | <120 U | 11.9 | 1180 |
| GACO0515T084CRS006 | T084CRS006 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 14100 | 2.64 | 4200 | 2190 | 189 | 2620 | <123 U | 9.01 | 1700 |
| GACO0515T084CRS007 | T084CRS007 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 15100 | 2.73 | 4690 | 2390 | 202 | 2490 | <123 U | 9.81 | 2180 |
| GACO0515T084CRS008 | T084CRS008 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 12800 | 4.81 | 6020 J | 1980 J- | 207 | 935 | <118 U | 10.8 | 1030 |
| GACO0515T084CRS009 | T084CRS009 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 8940 | 2.97 | 5980 | 2000 | 186 | 2520 | 203 | 11 | 2230 |
| GACO0515T084CRS010 | T084CRS010 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 8680 | 2.7 | 4440 | 1840 | 173 | 1730 | 272 | 9.9 | 3500 |
| GACO0515T084CRS010 | T084CRS010 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 10500 | 3.17 | 4970 | 2190 | 203 | 2050 | <140 U | 11 | 4420 |
| GACO0515T084CRS011 | T084CRS011 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 7140 | 1.83 | 3930 | 1790 | 140 | 1710 | <125 U | 7.84 | 3860 |
| GACO0515T084CRS012 | T084CRS012 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 10200 | 1.65 | 3760 | 1560 | 138 | 1420 | <119 U | 6.99 | 2170 |
| GACO0515T084CRS013 | T084CRS013 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 3450 | 2.73 | 4920 | 1270 | 160 | 1340 | <114 U | 10.4 | 455 |
| GACO0515T084CRS014 | T084CRS014 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 3520 | 1.5 | 2240 | 833 | 103 | 982 | <110 U | 5.52 | 529 |
| GACO0515T084CRS015 | T084CRS015 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 14700 | 2.11 | 3410 J | 1570 J- | 139 | 1110 | 134 | 7.67 | 476 |
| GACO0515T084CRS016 | T084CRS016 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 14000 | 1.76 | 2940 J | 1420 J- | 111 | 1190 | 182 | 6.15 | 646 |
| GACO0515T084CRS017 | T084CRS017 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 12100 | 1.92 | 2870 J | 1290 J- | 121 | 712 | 121 | 6.6 | 2080 |

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T084 Comprehensive Sampling 5/15

| Sample ID | Location | Sample Date | Depth | Sample Purpose | SW9056 | CALC |
|---|------------|-------------|------------|------------------------|-----------------|----------------|
| | | | | | NITRATE/NITRITE | TOTAL NITROGEN |
| | | | | | mg/kg | mg/kg |
| EPA Residential Soil Screening Level (RSSL) | | | | | NE | NE |
| EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based | | | | | NE | NE |
| GACO0515T084CRS001 | T084CRS001 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <23.1 U | 1970 J |
| GACO0515T084CRS002 | T084CRS002 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <24.3 U | 919 J |
| GACO0515T084CRS003 | T084CRS003 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <24.8 U | 2540 J |
| GACO0515T084CRS004 | T084CRS004 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <26.4 U | 1360 J |
| GACO0515T084CRS005 | T084CRS005 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <24 U | 1180 J |
| GACO0515T084CRS006 | T084CRS006 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <24.6 U | 1720 J |
| GACO0515T084CRS007 | T084CRS007 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <24.6 U | 2180 J |
| GACO0515T084CRS008 | T084CRS008 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <23.5 U | 1030 J |
| GACO0515T084CRS009 | T084CRS009 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <26.2 U | 2240 J |
| GACO0515T084CRS010 | T084CRS010 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <27 U | 3500 J |
| GACO0515T084CRS010 | T084CRS010 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <28.1 U | 4430 J |
| GACO0515T084CRS011 | T084CRS011 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 85.5 | 3940 |
| GACO0515T084CRS012 | T084CRS012 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <23.7 U | 2180 J |
| GACO0515T084CRS013 | T084CRS013 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <22.8 U | 455 J |
| GACO0515T084CRS014 | T084CRS014 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <22.5 U | 531 J |
| GACO0515T084CRS015 | T084CRS015 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <22.6 U | 482 J |
| GACO0515T084CRS016 | T084CRS016 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <22.5 U | 651 J |
| GACO0515T084CRS017 | T084CRS017 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <23.8 U | 2080 J |

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|---|------------|-------------|------------|------------------------|--------------|----------------------|-----------|-----------------------|----------------------|-----------|---------------------|------------------|----------------|
| | | | | | TOTAL SOLIDS | TOTAL ORGANIC CARBON | 226RADIUM | ACTINIUM-228 (RA-228) | BISMUTH-214 (RA-226) | LEAD-214 | THORIUM-234 (U-238) | ALUMINIUM | BERYLLIUM |
| | | | | | % | mg/kg | pCi/g | pCi/g | pCi/g | pCi/g | pCi/g | mg/kg | mg/kg |
| EPA Residential Soil Screening Level (RSSL) | | | | | NE | NE | NE | NE | NE | NE | NE | 77000 | 160 |
| EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based | | | | | NE | NE | NE | NE | NE | NE | NE | 30000 (R) | 3.2 (M) |
| GACO0515T084CRS018 | T084CRS018 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 87.4 | 12300 | 1.09 U | 0.916 | 0.77 | 0.789 | 1.58 U | 3400 J- | 0.456 |

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|---|------------|-------------|------------|------------------------|---------|----------|---------|-----------|-----------|-----------|--------|----------|-------------------------|
| | | | | | CALCIUM | COBALT | IRON | MAGNESIUM | MANGANESE | POTASSIUM | SODIUM | VANADIUM | TOTAL KJELDAHL NITROGEN |
| | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EPA Residential Soil Screening Level (RSSL) | | | | | NE | 23 | 55000 | NE | 1800 | NE | NE | 390 | NE |
| EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based | | | | | NE | 0.27 (R) | 350 (R) | NE | 28 (R) | NE | NE | 86 (R) | NE |
| GACO0515T084CRS018 | T084CRS018 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | 27100 | 3.31 | 5050 J | 2920 J- | 219 | 2550 | 138 | 12.5 | 1260 |

Notes:

Bold and Pink or Blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
Blue cells indicate an exceedance of either the MCL-based EPA Protection of Groundwater SSL (PGSSL), where available, or the Risk-Based PGSSL.
Inorganic SSLs are based on target cancer risk (TR) of 10-6 (OR 1E-06) and target hazard quotient (THQ) of 1.0.
NE indicates that SSLs have not been established for this parameter.
Pace National-Laboratory non-detections reported by the laboratory prior to 5/9/2025 are reported as less than (" $<$ ") the laboratory method detection limit. Pace National-Laboratory non-detections reported by the laboratory beginning on 5/9/2025 and Enthalpy - Laboratory non-detections are reported as less than (" $<$ ") the limit of quantitation. Non-detected Radium results depict activity of the result.
Italic values indicate that the laboratory-reported method detection limit and/or quantitation limit associated with the non-detected result is higher than the threshold concentration.
Sampling and analysis is being performed in accordance with the approved ESAP.
NA represents not analyzed.
Non-detected results are shown as "< Laboratory Reporting Limit". Non-detected results are only included where at least one detection was reported for an analyte in this reporting set. A full list of analytes and non-detected results can be found in laboratory PDF reports.
Uranium-238 is measured by its daughter isotope, Thorium-234.
Radium-228 is measured by its daughter isotope, Actinium-228.
Radium-226 is measured by its daughter isotope, Bismuth-214.

ECMC = Colorado Energy and Carbon Management Commission
mg/kg = Milligrams per kilogram
mg/L = Milligrams per Liter
pCi/g = picocuries per gram

Data Qualifiers

U: The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate, or was observed in a blank at a similar level.
R: The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
J: The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+: The result is an estimated quantity, but the result may be biased high.
J-: The result is an estimated quantity, but the result may be biased low.
UJ: The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

TABLE 4
Additional Inorganic Analytes - Soil Samples
T084 Comprehensive Sampling 5/15

| Sample ID | Location | Sample Date | Depth | Sample Purpose | SW9056 | CALC |
|---|------------|-------------|------------|------------------------|-----------------|----------------|
| | | | | | NITRATE/NITRITE | TOTAL NITROGEN |
| | | | | | mg/kg | mg/kg |
| EPA Residential Soil Screening Level (RSSL) | | | | | NE | NE |
| EPA Protection of Groundwater Soil Screening Levels for Resident Soil to Groundwater: (M)CL-based and (R)isk-based | | | | | NE | NE |
| GACO0515T084CRS018 | T084CRS018 | 05/15/2025 | 0-0.5 feet | Assessment/Delineation | <114 U | 1330 J |

Notes:

Bold and Pink or Blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
Blue cells indicate an exceedance of either the MCL-based EPA Protection of Groundwater SSL (PGSSL), where available, or the Risk-Based PGSSL.
Inorganic SSLs are based on target cancer risk (TR) of 10-6 (OR 1E-06) and target hazard quotient (THQ) of 1.0.
NE indicates that SSLs have not been established for this parameter.
Pace National-Laboratory non-detections reported by the laboratory prior to 5/9/2025 are reported as less than (" $<$ ") the laboratory method detection limit. Pace National-Laboratory non-detections reported by the laboratory beginning on 5/9/2025 and Enthalpy - Laboratory non-detections are reported as less than (" $<$ ") the limit of quantitation. Non-detected Radium results depict activity of the result.
Italic values indicate that the laboratory-reported method detection limit and/or quantitation limit associated with the non-detected result is higher than the threshold concentration.
Sampling and analysis is being performed in accordance with the approved ESAP.
NA represents not analyzed.
Non-detected results are shown as "< Laboratory Reporting Limit". Non-detected results are only included where at least one detection was reported for an analyte in this reporting set. A full list of analytes and non-detected results can be found in laboratory PDF reports.
Uranium-238 is measured by its daughter isotope, Thorium-234.
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J: The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+: The result is an estimated quantity, but the result may be biased high.
J-: The result is an estimated quantity, but the result may be biased low.
UJ: The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.