**Supplemental Table 1**

Dawson site radiocarbon dates

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| Laboratory number | Treatment | Material | Sample association | Provenience (lot number) | 14C age ΒΡ | Calibrated Age AD (2σ error) | δ13C (‰) |
| GSC 687 (conventional) | ? | charred cooking residue | ? | NA/19th-century collection | 470 ± 160 | AD 1217 - 1694 AD 1727 - 1813 AD 1919 - 1950 | ? |
| Beta 459112 (AMS) | acid-base-acid (ABA) | charred cooking residue | sherd 34, vessel 5 | 7D2 | 730 ± 30 | AD 1215 - 1280 | -26.8 |
| Beta 459113(AMS) | ABA | charred cooking residue | sherd 212, vessel 25 | 9T3 | 560 ± 30 | AD 1310 - 1360 AD 1395 - 1425 | -19.7 |
| Beta 459114 (AMS) | ABA | charred cooking residue | sherd 216, vessel 25 | 9T3 | 600 ± 30 | AD 1295 - 1440 | -20.5 |
| Beta 460817 (AMS) | ABA+solvent  | charred cooking residue | sherd 216, vessel 25 | 9T3 | 660 ± 30 | AD 1280 - 1320 AD 1350 - 1390 | -21.6 |
| Beta 459115 (AMS) | ABA | charred cooking residue | sherd 239 | 9T3 | 850 ± 30 | AD 1155 - 1255 | -23.8 |
| Beta 460818 (AMS) | ABA+solvent | charred cooking residue | sherd 239 | 9T3 | 940 ± 30 | AD 1020 - 1165 | -20.0 |
| Beta 459116 (AMS) | ABA | wood charcoal | precontact level | 9Z3 | 630 ± 30 | AD 1285 - 1400 | -24.9 |
| Beta 459111 (AMS) | ABA | wood charcoal | human burial | 12C2 | 610 ± 30 | AD 1290 - 1405 | -20.0 |
| Beta 477892 (AMS) | ABA | maize kernel | precontact level | 9S3 | 380 ± 30 | AD 1445 - 1524 AD 1558 - 1632 | -9.7 |
| Beta 477891 (AMS) | ABA | maize kernel | precontact level | 9R2 | 610 ± 30 | AD 1295-1404 | -10.9 |
| AA 112382 (AMS) | ABA | maize kernel & cupule | disturbed precontact occupation context | 14B2 | 2386 ± 32 | 728 BC - 694 BC 542 BC - 395 BC | -18.2 |
| AA 112381 (AMS) | ABA | maize kernel & cupule | precontact level | 16G3 | 402 ± 24 | AD 1439 - 1515 AD 1598 - 1619 | -9.3 |
| AA 112383 (AMS) | ABA | maize kernel | precontact level | 9R2 | 541 ± 24 | AD 1320 - 1350 AD 1392 - 1434 | -10 |
| UOC 12346 (AMS) | ABA | maize kernel | precontact pit with ceramics and ivory object | 24U2 | 427 ± 24 | AD 1430 - 1488 AD 1604 - 1606 | -8.9 |
| UOC 12347 (AMS) | ABA | maize kernel | precontact pit with ceramics and ivory object | 24U2 | 499 ± 24 | AD 1406 - 1444 | -18.8 |
| UOC 12348 (AMS) | ABA | maize kernel | precontact pit with ceramics and ivory object | 24U2 | 730 ± 30 | AD 1439 - 1514 AD 1599 - 1618 | -9.5 |