

**Readopt with amendment Soil 301.01 through Soil 301.03, effective 9-6-24 (Document #14019), to read as follows:**

Soil 301.01 Application Process.

(a) The initial application to become an apprentice soil or wetland scientist or certified as a soil or wetland scientist shall be processed in accordance with Plc 304.06 through Plc 304.10.

(b) A person wishing to become an apprentice soil ~~[scientist]~~ or wetland scientist shall submit the following~~;~~:

(1) The “Universal Application for Initial Licensure” and the “Soil or Wetland Scientist Apprentice Addendum to the Universal Application for Initial Licensure” required by Soil 301.02(a);

(2) If the applicant answered in the affirmative to any of the yes or no questions on the “Universal Application for Initial Licensure” form, a detailed description of the incident(s); ~~[and]~~

(3) A completed “Professional Reference Form” described in Soil 301.06~~(a)~~**(b)**;

(4) A certified copy of transcripts from all post-secondary institutions attended, as described in Soil 301.02(b)(2); and

(5) The application fee specified in Plc 1002.31.

(b) A person wishing to become certified as a soil scientist or wetland scientist shall submit the following:

(1) A completed “Universal Application for Initial Licensure” and a “Soil or Wetland Scientist Addendum to the Universal Application for Initial Licensure” required by Soil 301.02(c);

(2) A certified copy of transcripts from all post-secondary institutions attended, as described in Soil 301.02**(b)(2)**;

(3) A completed “Professional Reference Form” ~~[specified]~~ **described** in Soil 301.06~~(a)~~**(b)**;

(4) Copies of at least 6 maps as follows:

a. For wetland scientists, the maps described in Soil 302.04**(b)**; and

b. For soil scientists, the maps as described in Soil 302.02~~(b)~~**(c)**;

(5) A passing score on the examination described in Soil 303;

(6) If the applicant answered in the affirmative to any of the yes or no questions located on the “[~~Application for Initial N.H. Certification as Soil Scientist or Wetland Scientist~~] **Universal Application for Initial Licensure**” **described in Plc 304.03(e)**, provide a detailed description of the incident(s); and

(7) The application fee specified in Plc 1002.31.

Soil 301.02 Application Forms.

(a) Applicants for certification as a soil scientist apprentice or wetland scientist apprentice shall submit:

(1) The “Universal Application for Initial Licensure” required in Plc 304.01(a)(1); and

(2) The “Soil or Wetland Scientist Apprentice Addendum to the Universal Application for Initial Licensure” by providing the following information:

- a. A list of all names the applicant has ever been known by;
- b. The first state certified or registered in as a natural scientist apprentice;
- c. The certificate number and date certified;
- d. Whether certified by examination;
- e. Whether the certificate is valid, and if not, the reasons why certificate is not valid; ~~and~~
- f. A list of current memberships in professional or scientific associations, including:
  1. The name of organization;
  2. The location;
  3. The applicant’s grade of membership; and
  4. Date of membership;
- g. A list of home study and on-line school courses related to soil science or wetland science completed including:
  1. Course title;
  2. Course dates;
  3. Educational institution; and
  4. Semester hours awarded to the course;
- h. A list of any additional educational institutions attended that were not listed on the “Universal Application for Initial Licensure” including:
  1. Colleges and universities attended including the location;
  2. Dates attended;
  3. Graduation date; and
  4. Number of credits completed; and

i. A list of professional experience and includ[e]ing:

1. Name and address of employer;
2. Title of position;
3. Dates of employment;
4. Name and present address of someone familiar with each position;
5. Summary of soil or wetland plans; and
6. As applicable, additional information supplied on the supplemental experience record form in the same format as number 6 of the certification application[;].

(b) Applicants shall submit the following in support of the application required in (a)(1) and (2) above:

- (1) Fee for initial licensure described in Plc 1002.31;
- (2) College or university official transcripts showing the degree awarded and the date the degree was awarded directly from the issuing institution to the OPLC; and
- (3) If the applicant answered yes to any of the question listed in Plc 304.03(e), a detailed explanation of the yes answer including the name of any court in which a conviction has occurred, details of any offense, the date of any conviction, and any sentence imposed.

(c) Applicants for soil scientist or wetland scientist shall submit:

- (1) The “Universal Application for Initial Licensure” required in Plc 304.01(a)(1); and
- (2) The “Soil or Wetland Scientist Addendum to the Universal Application for Initial Licensure” by providing the following information:
  - a. All names the applicant has ever been known by;
  - b. In addition to the information regarding the applicant’s registration or certification in other states, **whether** the applicant [~~shall state whether~~] **was** certified by examination or reciprocity;
  - c. A list of current memberships in professional or scientific associations, including:
    1. The name of the organization;
    2. The location; and
    3. The applicant’s grade of membership, and date of membership;
  - d. A list of home study and on-line school courses related to soil science or wetland science completed including:

1. Course title;
  2. Course dates;
  3. Educational institution; and
  4. Semester hours awarded to the course;
- e. A summary of the applicant’s employment including the following information:
1. Indicate in the column titled “Key” the number used in the supplemental experience record described in [(~~f~~)] **f. below** for each assignment or project;
  2. Indicate the dates of employment;
  3. List the name of the employer, title of position, location and character of each position, and degree of responsibility; and
  4. Name and present address of someone familiar with each position. This person shall be a person the applicant reported to or an individual familiar with the applicant’s work at the place of employment;
- f. A detailed supplementary experience by:
1. Numbering each project or assignment consecutively. The number assign to each project shall be the number used in the key section of the summary of employment described in [(~~e~~)] **e.** above; and
  2. Listing and identifying projects or assignments in chronological order, starting with the first projects or assignments. Being specific in identifying the portion of the work personally completed, and identifying the project by job title, name of client, and location of project;
- g. If applying for certification as a soil scientist, list the 6 soil maps which comply with Soil 302.03(**c**), attached to the application, and include the following information:
1. Date;
  2. Standard;
  3. Agency; and
  4. Owner’s name and address;
- h. If applying for certification as a wetland scientist, list the 6 wetland maps which comply with Soil 302.04(b) [~~and (e)~~], attacheded to the application, and include the following information:
1. Date;

2. Standard;
3. Agency;
4. Owner’s name and address;
5. Classification of the wetland delineated; and
6. One of the 6 wetland maps shall have a function and values assessment using the New Hampshire Method or the Army Corps of Engineers Highway Methodology; and

i. Five references not related to the applicant, with 2 references from soil or wetland scientists, having personal knowledge of the applicant’s experience and include the following information for each of the references:

1. Full name;
2. Complete address;
3. Reference’s phone number;
4. Occupation of the reference; and
5. Business relationship to the applicant.

(d) The following shall be submitted in support of the application required in (c) (1) and (2) above:

- (1) Fee for initial licensure described in Plc 1002.31;
- (2) College or university transcripts showing the date the degree was awarded directly from the issuing institution to the OPLC;
- (4) If the applicant answered yes to any of the questions listed in Plc 304.03(e)(1) through (5) and (7) through (10), provide a detailed explanation of the yes answer; and
- (3) If the applicant answered yes to the question listed in Plc 304.03(e)(6), the name of the court(s) in which the conviction(s) occurred, the details of the offence(s), the date of the conviction(s), and the sentence(s) imposed.

Soil 301.03 Application and Certification Examination Fees. The fees shall be as required in Plc 1002.31.

**Readopt with amendment and renumber Soil 301.05, effective 9-6-24 (Document #14019), as Soil 301.04, and renumber Soil 301.06 as Soil 301.05, so that Soil 301.04 reads as follows:**

Soil 301.04 Information from References for Soil Scientist and Wetland Scientist Applicants.

(a) The applicant for certification shall have the 5 references listed on the application form required in Soil 301.02 complete the “Professional Reference Form”.

(b) Each reference shall provide or answer the following on the “Professional Reference Form”:

- (1) The applicant's name;
- (2) The reference's full name;
- (3) The reference’s present business or profession;
- (4) Yes or no to the question “Are you a certified or practicing soil scientist”;
- (5) If the reference answers yes to question (4) above, list the state they are certified or practicing in;
- (6) Yes or no to the question “Are you a certified or practicing wetland scientist”;
- (7) If the reference answers yes to question (6) above, list the state they are certified or practicing in;
- (8) How long has the reference known the applicant for whom they are providing the reference;
- (9) Yes or no to “Are you in any way related to the applicant for whom you are providing the reference” and if yes, list how;
- (10) What is the reference’s business connection with the applicant;
- (11) An answer the question “To the best of your knowledge how many years of experience does the applicant have within the field”;
- (12) Yes or no **to** the question “Would you employ the applicant in a position of trust” and if no, provide a detailed explanation;
- (13) If the applicant is connected with a firm provide the firm’s name and address, and position of the applicant;
- (14) Yes or no to the question “Is the applicant qualified to be placed in responsible charge” and if no, provide a detailed explanation;
- (15) If the applicant is in an individual practice, provide the nature of such practice;
- (16) Yes or no to the question “Do you recommend the applicant for certification in New Hampshire” and if no, provide a detailed explanation; **and**
- (17) Any additional remarks concerning the applicant if the reference wishes to provide any[; **and**].

(c) Each individual providing a professional reference shall sign and date the completed “Professional Reference Form” below the following attestation:

“I make the above statements with full knowledge that the person referred to is making application for licensure to the State of New Hampshire Board of Natural Scientist.”

(d) The OPLC shall use as references any individuals, companies, or institutions whose names appear in any part of the application form.

**Readopt with amendment Soil 302, effective 9-6-24 (Document #14019), to read as follows:**

**PART Soil 302 QUALIFICATION OF APPLICANTS**

**Soil 302.01 Candidates Requirements.**

(a) Candidates for certification as a soil scientist shall meet the requirements established by RSA 310-A:84, I and shall not have been convicted of any felonies or misdemeanors relating to dishonesty and demonstrate good professional character in the content of references provided.

(b) Candidates for apprentice soil scientist shall meet the requirements of RSA 310-A:85, I.

(c) Candidates for certification as a wetland scientist shall meet the requirements established by RSA 310-A:84, II~~(a)~~-**a** and shall not have been convicted of any felonies or misdemeanors relating to dishonesty and demonstrate good professional character in the content of references provided.

(d) Candidates for apprentice wetland scientist ~~[shall meet the requirements established by RSA 310-A:84, II a and II b before a certificate shall be granted and]~~ shall meet the requirements of RSA 310-A:85, II.

**Soil 302.02 Soil Scientist Candidate Experience Requirements.**

(a) Graduates of an accredited 4-year college curriculum leading to a baccalaureate degree, where the applicant successfully completes 30 semester hours in biological, physical, and earth science, including 15 semester hours in soil science, shall have an additional 3 or more years of experience in the practice of soil science as described in (b) below.

(b) Experience in the practice of soil science shall be reviewed and determined pursuant to RSA 310-A:84 as follows:

(1) A minimum one year of the experience ~~[required pursuant to RSA 310-A:84]~~ shall be actual field soil mapping;

(2) Teaching soil science courses or performing research in soil science or agronomy curriculum shall be considered the practice of soil science. Such teaching or research shall not be considered actual field soil mapping experience;

(3) Educational courses shall not be considered actual field mapping experience;

(4) Each advanced degree in a related field shall be counted as one year of experience with one year awarded for a ~~[M]~~master's degree and 2 years awarded for a Ph.D. in a related field including geology and any other field in which the principles of soil science are applied. Advanced degrees shall not be considered actual field soil mapping experience;

(5) Employment by the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) or other governmental agency as a soil scientist and active engagement in the practice of soil science as defined under RSA 310-A:76, IV, shall be

considered experience pursuant to RSA 310-A:84. Each year of such employment shall be considered one year of experience;

~~[(6) If experience is claimed under Soil 302.02(e), the applicant shall provide an affidavit stating:~~

- ~~a. The dates of employment;~~
- ~~b. The number of total acres soil mapped during such employment;~~
- ~~c. The county and state locations of soil mapping; and~~
- ~~d. The standards by which soil mapping was conducted.]~~

~~[(7)](6) Actual field soil mapping experience shall be the practice of soil science as defined under RSA 310-A:76, IV;~~

~~[(8)](7) Soil maps prepared during the practice of soil science **which** shall meet:~~

- a. The standards of the National Cooperative Soil Survey as follows:
  - 1. “Soil Taxonomy, A Basic System of Soil Classification for Making and Interpreting Soil Surveys”, second edition, 1999, available as indicated in Appendix B;
  - 2. “Keys to Soil Taxonomy”, [~~F~~]thirteenth [~~E~~]edition 2022, available as indicated in Appendix B;
  - 3. “Soil Survey Staff Natural Resources Conservation Service, **Official Soil Series Descriptions and Series Classifications**”, United States Department of Agriculture [~~– “Official Soil Series Descriptions and Series Classifications”~~], published, August 8, 2023, available as indicated in Appendix B;
  - 4. “The Field Book for Describing and Sampling Soils, Version 3.0”, Division Staff U.S. Department of Agriculture, published September 2012, available as indicated in Appendix B;
  - 5. “Soil Survey Manual, Soil Survey Division Staff U.S. Department of Agriculture Handbook 18”, published 2017, minor amendments 2018, available as indicated in Appendix B; and
  - 6. “NH Statewide Numerical Soil Legend, issue #10”, dated January 2011, available as indicated in Appendix B; [~~o~~]
- b. “The Standards of Special Publication No.1 of the Society of Soil Scientists of Northern New England, High Intensity Soil Maps for New Hampshire” published December 2017, available as indicated in Appendix B; or
- c. “The Standards of Special Publication No. 3 of the Society of the Soil Scientists of Northern New England, Site-Specific Soil Mapping Standards for New Hampshire and Vermont”, published July 2021, available as indicated in Appendix B; and



~~(9)~~(8) Training as an apprentice soil scientist, where the apprentice is practicing soil science as defined under RSA 310-A:76, IV, shall be considered experience.

**(c) If experience is claimed under Soil 302.02(b), the applicant shall provide an affidavit stating:**

**(1) The dates of employment;**

**(2) The number of total acres soil mapped during such employment;**

**(3) The county and state locations of soil mapping; and**

**(4) The standards by which soil mapping was conducted.**

~~(e)~~(d) Applicants shall submit 6 or more soil maps prepared to the standards under Soil 302.02 ~~(a)(9)~~(b)(8), and all maps shall be submitted with a copy of the United States Geological Survey (USGS) mapping with site located and owner's name and address. Each map shall include the name of the person who prepared the map, the supervisor's name, and date the map was prepared[;].

~~(d)~~(e) The applicant shall provide additional maps if the OPLC determines the maps are incomplete or unclear or do not meet the standards of Soil 302.02~~(a)~~(b)(7).[;and]

~~(e)~~(f) The board shall conduct field reviews of any of the supplied maps when it deems it necessary to clarify the applicant's experience upon permission of current landowner.

Soil 302.03 Soil Scientist Candidate Education Requirements.

(a) The applicant shall submit one of the following in order to indicate to the OPLC that they are competent to practice as a soil scientist:

(1) Transcripts showing that the applicant is a graduate of an accredited 4-year college curriculum leading to a baccalaureate degree, where the applicant successfully completed 30 semester hours in biological, physical, and earth science, including 15 semester hours in soil science, and with a specific record of an additional 3 or more years' experience in the practice of soil science;

(2) Transcripts showing that the applicant is a graduate of an accredited college curriculum leading to a baccalaureate or an associate degree, where the applicant successfully completed 15 semester hours in soil science, and with a specific record of an additional 4 or more years' experience in the practice of soil science; or

(3) Transcripts showing that the applicant is a graduate of an accredited college curriculum leading to a baccalaureate or associate degree, or showing that the applicant earned the equivalent number of credits, and with a specific record of an additional 6 or more years in the practice of soil science.

(b) In addition to (a) above, the soil scientist applicant shall have education in:

(1) Soil genesis and classification; and

(2) Soil morphology.

Soil 302.04 Wetland Scientist Experience Requirements.

(a) Experience in the practice of wetland science shall be determined as follows:

(1) A minimum one year of the experience requirement shall be actual field delineation of wetland boundaries pursuant to RSA 310-A:84, II-b (a); or

(2) A minimum of 3 years of the experience requirement shall be actual field delineation of wetland boundaries and the preparation of wetland maps, the classification of wetlands, the preparation of wetland function and value assessments, the design of wetland mitigation, the implementation of wetland mitigation, the monitoring of wetlands functions and values, and preparation of associated reports. Each advanced degree in a related field shall count as one year of experience, pursuant to RSA 310-A:84, II-b~~(b)~~(c)~~;~~and

(b) Applicants shall provide 6 or more wetland delineation maps with all wetlands classified according to “Classification of Wetlands and Deepwater Habitats of the United States”, FGDC-STD-004-2023, second edition as follows~~;~~:

(1) At least one of the delineation maps shall include a complete assessment of functions and values using either the method for the “Method for Inventorying and Evaluating Freshwater Wetlands in NH - Comparative Evaluation of Nontidal Wetlands in New Hampshire”, published December 2015 or “US Army Corps of Engineers, Highway Methodology Workbook Supplement”, published September 2009, for candidates pursuant to RSA 310-A:84, II-a(a) available as indicated in Appendix B;

(2) At least 4 of the delineation maps shall utilize the standards of the “Corps of Engineers Wetland Delineation Manual, Technical Report 4-87-1”, (January 1987), “Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, U.S. Army Corps of Engineers”, published October 2009, available as indicated in Appendix B; and

(3) The remainder shall meet the requirements of a state or federal regulatory agency.

Soil 302.05 Wetland Scientist Candidate Mapping and Education Requirements.

(a) All wetland delineation maps shall cite the standard which was utilized and the agency to which they were submitted.

(b) All wetland delineation maps shall be submitted with a copy of the USGS mapping with the site located and the owner’s name and address.

(c) Applicants shall provide additional maps and supporting documentation, including but not limited to field notes, reports, or data forms if the OPLC finds that the maps are incomplete or unclear or do not meet the requirements of Soil 302.04 and Soil 302.05.

(d) The board shall conduct field reviews of any of the supplied maps when it deems it necessary to clarify the applicant's experience upon permission of the current landowner.

(e) Teaching a college level credit course in wetland science according to the standards of Soil 302.04 shall be considered one year of experience.

(f) Wetland science performed as an apprentice wetland scientist under the direct supervision of a certified wetland scientist and according to the standards of Soil 302.04 shall be considered experience.

(g) Candidates for wetland scientist pursuant to RSA 310-A:84, II-a(a) shall provide satisfactory evidence of a minimum of 24 credit hours in any of the following environmental sciences:

- (1) Botany;
- (2) Soil science;
- (3) Hydrology;
- (4) Wetland science;
- (5) Biology;
- (6) Forestry;
- (7) Wildlife;
- (8) Ecology;
- (9) Water resources;
- (10) Plant science;
- (11) Agronomy;
- (12) Geology;
- (13) Earth science;
- (14) Wetland mitigation; or
- (15) Assessments of functions and values.

(h) Candidates pursuant to RSA 310-A:84, II-a (b), shall provide satisfactory evidence of a minimum of 12 combined credit or non-credit semester hours in any of the environmental sciences list in Soil 302.05 (g).

(i) ~~[As set forth in]~~ **In accordance** RSA 310-A:84, II-a(a) and (b), 12.5 hours of the workshops in any of the environmental sciences referenced in Soil 302.05(g) shall be equivalent to one semester hour.

**Readopt with amendment Soil 303.01 through Soil 303, effective 9-6-24 (Document #14019), to read as follows:**

PART Soil 303 EXAMINATIONS

Soil 303.01 Examination Requirements for Soil Scientist Candidates.

(a) After submission of all material described in Soil 301.01(b), except for Soil 301.01(b)(5), the applicant shall be notified by the OPLC that they are eligible to sit for the written portion of the examination.

(b) The examination for a soil scientist shall consist of both a written exam and a field exam. The applicant shall pass the written portion examination with a score of at least 70% before being eligible to take the field portion of the examination.

(c) All soil scientist examination candidates who completed the educational requirements of Soil 302.03 shall register to take the examination with the natural scientist examination company contracted with the OPLC on behalf of the natural scientist board through the state of “New Hampshire’s” request for proposal process.

(d) The board shall hold soil scientist field examinations in May and September. Examinations shall be given to all persons who have successfully passed the soil scientist written examination.

(e) The field exam shall be a test of the applicant’s ability to prepare a soil map. The test shall consist of an actual field soil mapping pursuant to the standards of Soil 302.02~~(a)~~**(b)(7)** of a parcel of land selected by the board. The soil map prepared by the applicant shall be graded based upon a comparison of a master soil map of the parcel prepared by a consensus of at least 3 certified soil scientists and a majority vote of the board. The time allotted shall not exceed 6 hours. The grade shall be pass or fail.

Soil 303.02 Examination Requirements for Wetland Scientist Candidates.

(a) After submission of all material described in Soil 301.01(b), except for Soil 301.01(b)(5), the applicant shall be notified by the OPLC that they are eligible to **sit** for the examination.

(b) The examination for wetland scientist shall consist of both a written exam and field exam. The applicant shall pass the written portion examination **with a score of at least 70%** before being eligible to take the field portion of the examination.

(c) All wetland scientist examination candidates who completed the mapping and educational requirements of Soil 302.05 shall register to take the examination with the natural scientist examination company contracted with the OPLC on behalf of the natural scientist board through the state of “New Hampshire’s” ~~[RFP]~~ **request for proposal** process.

(d) The board shall hold wetland scientist field examinations in June and September on a parcel of land selected by the board. Examinations shall be given to all persons who have successfully passed the wetland scientist written examination.

(e) The field exam shall be a test of the applicant's ability to practice wetland science pursuant to Soil 302.04. The time allotted shall not exceed 6 hours. The grade shall be pass or fail.

Soil 303.03 Re-Examinations. ~~(a)~~ An applicant for certification failing either the written or field portion of the examination may apply for re-examination at the next scheduled examination as follows:

~~(+)~~**(a)** The applicant who fails the written examination shall be re-examined at the next available test date in either March or July;

~~(=)~~**(b)** The applicant who fails the field examination shall be re-examined upon payment of the fee described in Plc 1002.31 and be scheduled for the next available test date in either June or September; **and**

~~(3)~~(c) A candidate failing either the written or field examination 3 times shall furnish evidence to the board of additional experience, study, or educational credits equal to 6 semester hours of college credit before being allowed to proceed with further examinations.

**APPENDIX A**

<b>Rule</b>	<b>Statute Implemented</b>
Soil 301.01	RSA 310-A:82, I, 310-A:86
Soil 301.02	RSA 310-A:82, I, 310-A:86
Soil 301.03	RSA 310-A:92, I (g)
Soil 301.04 (formerly Soil 301.05)	RSA 310-A:82, I, II, 310-A:86
Soil 302.01	RSA 310-A:84, I, II, 310-A:85
Soil 302.02	RSA 310-A:84, II and RSA 310-A:86
Soil 302.03	RSA 310-A:84, II and RSA 310-A:86
Soil 302.04	RSA 310-A:82, RSA 310-A:84 II-a, II-b
Soil 302.05	RSA 310-A:82, RSA 310-A:84, II-a, II-b
Soil 303.01	RSA 310-A:82, III, RSA 310-A:84 I
Soil 303.02	RSA 310-A:82, III, 310-A:84, II-a
Soil 303.03	RSA 310-A:82, III, RSA 310-A:84, I, II & III

**APPENDIX B: Incorporation by Reference Information**

<b>Rule</b>	<b>Title</b>	<b>Obtain at:</b>
Soil 302.02(b)(7)a.1.	Soil Taxonomy, A Basic System of Soil Classification for Making and Interpreting Soil Surveys, second edition 1999	United States Department of Agriculture, National Resources Conservation Service Telephone (202)720-2791 Downloadable version is free online at <a href="https://www.nrcs.usda.gov/sites/default/files/2022-06/Soil%20Taxonomy.pdf">https://www.nrcs.usda.gov/sites/default/files/2022-06/Soil%20Taxonomy.pdf</a> E-mail address: <a href="mailto:askusda@usda.gov">askusda@usda.gov</a>
Soil 302.02(b)(7)a.2.	Keys to Soil Taxonomy, Thirteenth Edition, 2022	United States Department of Agriculture, National Resources Conservation Service Telephone (888)526-3227 Downloadable version is free online at <a href="https://www.nrcs.usda.gov/sites/default/files/2022-09/Keys-to-Soil-Taxonomy.pdf">https://www.nrcs.usda.gov/sites/default/files/2022-09/Keys-to-Soil-Taxonomy.pdf</a> E-mail address: <a href="mailto:askusda@usda.gov">askusda@usda.gov</a>
Soil 302.02(b)(7)a.3.	Soil Survey Staff National Resources Conservation Service, Official Soil Series Descriptions, published 8/8/2023	United States Department of Agriculture, National Resources Conservation Service Telephone (202)720-2791 Downloadable version is free online at <a href="http://ncss-tech.github.io/AQP/soilDB/soil-series-query-functions.html">http://ncss-tech.github.io/AQP/soilDB/soil-series-query-functions.html</a> E-mail address: <a href="mailto:askusda@usda.gov">askusda@usda.gov</a>

Soil 302.02(b)(7)a.4.	Field Book for Describing and Sampling Soils, Version 3.0, September 2012	United States Department of Agriculture, National Resources Conservation Service Telephone (402)437-5499 Downloadable version is free online at <a href="https://nrcspad.sc.egov.usda.gov/DistributionCenter/pdf.aspx?productID=991">https://nrcspad.sc.egov.usda.gov/DistributionCenter/pdf.aspx?productID=991</a> E-mail address: <a href="mailto:Soils-Webmaster@usda.gov">Soils-Webmaster@usda.gov</a>
Soil 302.02(b)(7)a.5.	Soil Survey Manual, Soil Survey Division Staff Handbook 18, published 2017 minor amendments 2018	United States Department of Agriculture, National Resources Conservation Service Telephone (888)526-3227 Downloadable version is free online at <a href="https://www.nrcs.usda.gov/sites/default/files/2022-09/The-Soil-Survey-Manual.pdf">https://www.nrcs.usda.gov/sites/default/files/2022-09/The-Soil-Survey-Manual.pdf</a> E-mail address: <a href="mailto:NRCSDistributionCenter@ia.usda.gov">NRCSDistributionCenter@ia.usda.gov</a>
Soil 302.02(b)(7)a.6.	NH Statewide Numerical Soil Legend, issue #10, dated January 2011	NH Natural Resources Conservation Service 10 Ferry Street, Concord NH 03301 Telephone (603)868-7581 Downloadable version is free online at <a href="https://www.nrcs.usda.gov/sites/default/files/2022-11/NH%20Statewide%20Legend.pdf">https://www.nrcs.usda.gov/sites/default/files/2022-11/NH%20Statewide%20Legend.pdf</a> E-mail address: <a href="mailto:askusda@usda.gov">askusda@usda.gov</a>
Soil 302.02(b)(7)b.	The Standards for a High Intensity Soil Map NH, published December 2017	The Society of Soil Scientists of Northern New England P.O. Box 76 Durham, NH 03824-0076 Downloadable version is free online at <a href="https://sssnne.files.wordpress.com/2018/05/high-intensity-soil-mapping-standards-for-nh.pdf">https://sssnne.files.wordpress.com/2018/05/high-intensity-soil-mapping-standards-for-nh.pdf</a> E-mail address: <a href="mailto:sssnne@gmail.com">sssnne@gmail.com</a>
Soil 302.02(b)(7)c.	Site-Specific Soil Mapping Standards for NH and VT, published July 2021	The Society of Soil Scientists of Northern New England Special Publication No 3 Version 7.0 Site Specific Soil Mapping Standards for New Hampshire and Vermont P.O. Box 76 Durham, NH 03824-0076 Downloadable version is free online at <a href="https://sssnne.files.wordpress.com/2022/02/site-specific-soil-mapping-standards-for-new-hampshire-and-vermont-version-7.0-july-2021.pdf">https://sssnne.files.wordpress.com/2022/02/site-specific-soil-mapping-standards-for-new-hampshire-and-vermont-version-7.0-july-2021.pdf</a> E-mail address: <a href="mailto:sssnne@gmail.com">sssnne@gmail.com</a>
Soil 302.04(b)(1)	Method for Inventorying and Evaluating Freshwater Wetlands in NH - Comparative Evaluation of Nontidal Wetlands in NH, published December 2015	University of New Hampshire Cooperative Extension 113A North Road Brentwood, NH 03833 Telephone: (877) 398-4769 Downloadable version is free online at: <a href="https://extension.unh.edu/sites/default/files/migrated_unmanaged_files/Resource001874_Rep2707.pdf">https://extension.unh.edu/sites/default/files/migrated_unmanaged_files/Resource001874_Rep2707.pdf</a> E-mail Address: <a href="mailto:answers@unh.edu">answers@unh.edu</a>

Soil 301.02(c)(2)h.; Soil 302.04(b)(1)	Highway Methodology Workbook Supplement, published 2009	US Army Corps of Engineers Waterways Experiment Station 3909 Halls Ferry Road Vicksburg, MS 39180-6199 Telephone: (202)761-0011 Downloadable version is free online at: <a href="https://www.nae.usace.army.mil/Portals/74/docs/regulatory/Forms/HighwaySupplement6Apr2015.pdf">https://www.nae.usace.army.mil/Portals/74/docs/regulatory/Forms/HighwaySupplement6Apr2015.pdf</a> E-mail Address: <a href="mailto:hqp-publicaffairs@usace.army.mil">hqp-publicaffairs@usace.army.mil</a>
Soil 302.04(b)(2)	Corps of Engineers Wetland Delineation Manual, Technical Report 4-87-1, published 1987	US Army Corps of Engineers Waterways Experiment Station 3909 Halls Ferry Road Vicksburg, MS 39180-6199 Telephone: (202)761-0011 Downloadable version is free online at <a href="https://www.lrh.usace.army.mil/Portals/38/docs/USACE%207%20Wetland%20Delineation%20Manual.pdf">https://www.lrh.usace.army.mil/Portals/38/docs/USACE%207%20Wetland%20Delineation%20Manual.pdf</a> E-mail address: <a href="mailto:hqp-publicaffairs@usace.army.mil">hqp-publicaffairs@usace.army.mil</a>
Soil 302.04(b)(2)	Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, US Army Corps of Engineers, published October 2009	US Army Corps of Engineers Waterways Experiment Station 3909 Halls Ferry Road Vicksburg, MS 39180-6199 Telephone: (202)761-0011 Downloadable version is free online at <a href="https://www.nan.usace.army.mil/Portals/37/docs/regulatory/Formdoc/IntrmRegSuppNC_NE.pdf">https://www.nan.usace.army.mil/Portals/37/docs/regulatory/Formdoc/IntrmRegSuppNC_NE.pdf</a> E-mail address: <a href="mailto:hqp-publicaffairs@usace.army.mil">hqp-publicaffairs@usace.army.mil</a>
Soil 302.04(b)	Classification of Wetlands and Deepwater Habitats of the United States, FGDC-STD-004- 2013, Second Edition, published August 2013	Federal Geographic Data Committee Secretariat c/o U.S. Geological Survey 590 National Central Reston, Virginia 22092 Telephone: (703) 648-5514 Downloadable version is free online at <a href="https://www.fws.gov/sites/default/files/documents/Classification-of-Wetlands-and-Deepwater-Habitats-of-the-United-States-2013.pdf">https://www.fws.gov/sites/default/files/documents/Classification-of-Wetlands-and-Deepwater-Habitats-of-the-United-States-2013.pdf</a> E-mail address: <a href="mailto:gdc@usgs.gov">gdc@usgs.gov</a>