

**NADP LAB Standard Operating Procedures - Table of Contents - Version 12/27/2021**

| <b>SOP ID</b>           | <b>SOP Type</b> | <b>Title</b>                           | <b>OnBase Version #</b> | <b>Last Review Date</b> | <b>OnBase Effective Date</b> |
|-------------------------|-----------------|--|-------------------------|-------------------------|------------------------------|
| EHD NADP LAB QAP        | QA/QC           | NADP LABORATORY QUALITY ASSURANCE PLAN | 2                       | 6/25/2020               | 12/16/2021                   |
| EHD NADP LAB GENOP 100  | GENOP           | SAMPLE LOGIN AND DATA ENTRY            | 2                       | 6/25/2020               | 12/16/2021                   |
| EHD NADP LAB GENOP 101  | GENOP           | SAMPLE CODING                          | 1                       | 8/16/2021               | 12/16/2021                   |
| EHD NADP LAB GENOP 102  | GENOP           | AMON SUPPLY SHIPPING                   | 1                       | 7/7/2020                | 12/16/2021                   |
| EHD NADP LAB GENOP 103  | GENOP           | NTN SHIPPING AND RECEIVING OF SUPPLIES | 1                       | 7/12/2021               | 12/16/2021                   |
| EHD NADP LAB GENOP 104  | GENOP           | MDN SUPPLY SHIPPING AND RECEIVING      | 1                       | 8/16/2021               | 12/16/2021                   |
| EHD NADP LAB QA/QC 200  | QA/QC           | NTN AND MDN SUPPLY QUALITY CONTROL     | 1                       | 7/30/2020               | 12/16/2021                   |
| EHD NADP LAB QA/QC 201  | QA/QC           | ANALYST TRAINING AND DEMONSTRATION OF  | 1                       | 12/28/2020              | 12/16/2021                   |
| EHD NADP LAB QA/QC 202  | QA/QC           | PEER REVIEW OF ANALYTICAL DATA         | 1                       | 12/7/2020               | 12/16/2021                   |
| EHD NADP LAB GENOP 300  | GENOP           | NTN DATA REVIEW AND REPORTING          | 1                       | 2/19/2021               | 12/16/2021                   |
| EHD NADP LAB GENOP 301  | GENOP           | AMON DATA REVIEW                       | 1                       | 2/19/2021               | 12/16/2021                   |
| EHD NADP LAB GENOP 302  | GENOP           | MDN DATA REVIEW                        | 1                       | 5/6/2021                | 12/16/2021                   |
| EHD NADP LAB GENOP 400  | GENOP           | AMON PREP OF PASSIVE NH3 SAMPLERS      | 1                       | 2/2/2021                | 12/16/2021                   |
| EHD NADP LAB GENOP 401  | GENOP           | AMON SAMPLER EXTRACTION                | 1                       | 9/28/2020               | 12/16/2021                   |
| EHD NADP LAB GENOP 402  | GENOP           | NTN SAMPLE FILTRATION                  | 1                       | 7/30/2020               | 12/16/2021                   |
| EHD NADP LAB GENOP 403  | GENOP           | NTN SUPPLY PREPARATION                 | 1                       | 7/30/2020               | 12/16/2021                   |
| EHD NADP LAB GENOP 404  | GENOP           | SAMPLE ARCHIVE                         | 1                       | 4/30/2020               | 12/16/2021                   |
| EHD NADP LAB GENOP 405  | GENOP           | MDN SUPPLY PREP                        | 1                       | 6/25/2021               | 12/16/2021                   |
| EHD NADP LAB GENOP 406  | GENOP           | LITTERFALL SAMPLE PROCESSING           | 1                       | 10/15/2021              | 12/16/2021                   |
| EHD NADP LAB GENOP 407  | GENOP           | CALNAT SAMPLE PREPARATION              | 1                       | 7/24/2020               | 12/16/2021                   |
| EHD NADP LAB METHOD 500 | METHODS         | ICP-OES                                | 1                       | 7/27/2020               | 12/16/2021                   |
| EHD NADP LAB METHOD 501 | METHODS         | ION CHROMATOGRAPHY                     | 1                       | 3/4/2020                | 12/16/2021                   |
| EHD NADP LAB METHOD 502 | METHODS         | AMON AMMONIUM BY FIA                   | 1                       | 12/11/2020              | 12/16/2021                   |
| EHD NADP LAB METHOD 503 | METHODS         | NTN AMMONIUM AND PO4 BY FIA            | 1                       | 8/14/2020               | 12/16/2021                   |
| EHD NADP LAB METHOD 504 | METHODS         | PH MEASUREMENT                         | 1                       | 8/16/2021               | 12/16/2021                   |
| EHD NADP LAB METHOD 505 | METHODS         | CONDUCTIVITY MEASUREMENT               | 1                       | 8/2/2021                | 12/16/2021                   |
| EHD NADP LAB METHOD 508 | METHODS         | LITTERFALL TOTAL MERCURY IN SOLIDS     | 1                       | 9/23/2020               | 12/16/2021                   |
| EHD TECL METHOD 541.2   | METHODS         | TOTAL HG BY AUTO CVAFS                 | 1                       | 8/5/2021                | 10/22/2021                   |
| EHD TECL METHOD 545.2   | METHODS         | METHYL HG IN WATER BY AUTO-CVAFS       | 1                       | 1/29/2020               | 10/22/2021                   |