

**Submitted - Signed**

PWS ID #: 3164000 City/Town: LYNNFIELD

PWS Name: LYNNFIELD CENTER WATER DISTRICT

PWS Class: COM

Primary Lab MA Cert #: M-MA1118 Primary Lab Name: NASHOBA ANALYTICAL LLC

Location ID: 10272 Location: STATION #2 (MAIN ST GP WELL) M/S: S S D/S: S S R/F: S S Routine/ Special: RS N. Couris/S. Dillon Collected By: 9/3/2021 O/R/C: O  
 Sample Comments: Lab Sample ID: 232763 Sample Compositd: N Composite Sample Comments: Analysis Date: 9/9/2021 Extraction date: 9/9/2021 Analysis Comments: QA/QC Result 1: 13C2-PFHXA 92 QA/QC Result 2: 13C2-PFDA 94 QA/QC Result 3: D5-NETFOSAA 89 QA/QC Result 4: 13C3-HFPO-DA 73

| Analytical Method: | Analytical Lab ID: | Analytical Lab:  | Analysis Date: | Extraction date: | Analysis Comments: |
|--------------------|--------------------|------------------|----------------|------------------|--------------------|
| EPA 537.1          | M-MA030            | ALPHA ANALYTICAL | 9/9/2021       | 9/9/2021         |                    |
|                    | QA/QC Method1:     |                  | QA/QC Result1: | QA/QC Method 2:  | QA/QC Result 2:    |
|                    | 13C2-PFHXA         |                  | 92             | 13C2-PFDA        | 94                 |
|                    | QA/QC Method3:     |                  | QA/QC Result3: | QA/QC Method4:   | QA/QC Result4:     |
|                    | D5-NETFOSAA        |                  | 89             | 13C3-HFPO-DA     | 73                 |

| CAS #                           | Contaminant:   | Result: | UOM: | MCL (ORSSG): | MDL:  | MRL: | Dilution Factor | Result Qualifier | Result Qualifier Description |
|---------------------------------|--|---------|------|--------------|-------|------|-----------------|------------------|------------------------------|
| <b>Regulated Contaminants</b>   |  |         |      |              |       |      |                 |                  |                              |
| 335-76-2                        | PERFLUORODECANOIC ACID - PFDA                                  | ND      | NG/L |              | 0.627 | 2    | 1               |                  |                              |
| 375-85-9                        | PERFLUOROHEPTANOIC ACID-PFHPA                                  | 3.94    | NG/L |              | 0.627 | 2    | 1               |                  |                              |
| 355-46-4                        | PERFLUOROHXANESULFONIC ACID-PFHXS                              | 1.92    | NG/L |              | 0.627 | 2    | 1               | J                | estimated value              |
| 375-95-1                        | PERFLUORONANOIC ACID-PFNA                                      | 0.902   | NG/L |              | 0.627 | 2    | 1               |                  |                              |
| 1763-23-1                       | PERFLUOROOCTANESULFONIC ACID-PFOS                              | 7.21    | NG/L |              | 0.627 | 2    | 1               | J                | estimated value              |
| 335-67-1                        | PERFLUOROOCTANOIC ACID-PFOA                                    | 10.8    | NG/L |              | 0.627 | 2    | 1               |                  |                              |
|                                 | PFAS6  | 22      | NG/L | 20           | 0.627 | 2    | 1               |                  |                              |
| <b>Unregulated Contaminants</b> |  |         |      |              |       |      |                 |                  |                              |
| 763051-92-9                     | 11-CHLOROICOSAFLURO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF30UDS | ND      | NG/L |              | 0.627 | 2    | 1               |                  |                              |
| 919005-14-4                     | 4,8-DIOXA-3H-PERFLUORONANOIC ACID - ADONA                      | ND      | NG/L |              | 0.627 | 2    | 1               |                  |                              |

M/S = Multiple or Single sources represented in sample site.  
 D/S = Distribution or Source sample site.  
 R/F = Raw or Finished water sample site.  
 MDL = Method Detection Limit.  
 UOM = Unit of Measurement.  
 O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

Massachusetts Department of Environmental Protection - Drinking Water Program

**PFAS**

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|             |  |      |      |       |   |   |
|-------------|--|------|------|-------|---|---|
| 756426-58-1 | 9-CHLOROHEXADECANFLUORO-3-<br>OXANONE-1-SULFONIC ACID-9CL-PF3ONS | ND   | NG/L | 0.627 | 2 | 1 |
| 13252-13-6  | HEXAFLUOROPROPYLENE OXIDE DIMER<br>ACID - HFPO-DA                | ND   | NG/L | 0.627 | 2 | 1 |
| 2991-50-6   | N-ETHYL<br>PERFLUOROOCCTANESULFONAMIDOCET<br>IC ACID - NETFOSAA  | ND   | NG/L | 0.627 | 2 | 1 |
| 2355-31-9   | N-METHYL<br>PERFLUOROOCCTANESULFONAMIDOCET<br>IC ACID - NMEFOSAA | ND   | NG/L | 0.627 | 2 | 1 |
| 375-73-5    | PERFLUOROBUTANESULFONIC<br>ACID-PFBIS                            | 2.78 | NG/L | 0.627 | 2 | 1 |
| 307-55-1    | PERFLUORODODECANOIC ACID - PFDOA                                 | ND   | NG/L | 0.627 | 2 | 1 |
| 307-24-4    | PERFLUOROHXANOIC ACID - PFHXA                                    | 6.27 | NG/L | 0.627 | 2 | 1 |
| 376-06-7    | PERFLUOROTETRADECANOIC ACID -<br>PFTA                            | ND   | NG/L | 0.627 | 2 | 1 |
| 72629-94-8  | PERFLUOROTRIDECANOIC ACID -<br>PTRDA                             | ND   | NG/L | 0.627 | 2 | 1 |
| 2058-94-8   | PERFLUOROUNDECANOIC ACID - PFUNA                                 | ND   | NG/L | 0.627 | 2 | 1 |

Primary Lab Signature: David L. Knowlton

Date: 9/27/2021

EDEP Transaction ID: 1311837

Certified Signer User Name: DRDOOM

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