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| | F.4 | LETTER via EMAIL. Thelma Murphy for Ken Moraff, EPA to Tim Redmond, Goffstown, NH. February 6, 2024. Subject: Waiver of Permit Application and Signatory Requirements for Municipal Satellite Sewage Collection System – Town of Goffstown, New Hampshire, co-permittee to the Manchester Wastewater Treatment Facility (WWTF), NPDES No. NH0100447. | |
| | F.5 | LETTER via EMAIL. Thelma Murphy for Ken Moraff, EPA to Jeffrey Foote, Bedford, NH. February 6, 2024. Subject: Waiver of Permit Application and Signatory Requirements for Municipal Satellite Sewage Collection System – Town of Goffstown, New Hampshire, co-permittee to the Manchester Wastewater Treatment Facility (WWTF), NPDES No. NH0100447. | |
| | F.6 | LETTER via EMAIL. Thelma Murphy for Ken Moraff, EPA to John Trottier, Londonderry, NH. February 6, 2024. Subject: Waiver of Permit Application and Signatory Requirements for Municipal Satellite Sewage Collection System – Town of Goffstown, New Hampshire, co-permittee to the Manchester Wastewater Treatment Facility (WWTF), NPDES No. NH0100447. | |
| | F.7 | Letter. NHDES to EPA. July 1, 2014. NHDES stated that the aluminum criteria presented in the New Hampshire water quality regulations (Env-Wq-1700) should be applied in terms of acid-soluble aluminum. | |
| | F.8 | LETTER via EMAIL. Rene Pelletier, NHDES to Lynne Jennings. June 6, 2024. Subject: Manchester Wastewater Treatment Facility Certification of NPDES Permit No. NH0100447. | |
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| | F.14 | LETTER via EMAIL. Michael Cobb, EPA to Fred McNeill, Manchester, NH. November 3, 2025. Subject: Request for Use of Alternate Dilution Water (ADW) when conducting Whole Effluent Toxicity Testing for the Manchester Wastewater Treatment Facility NPDES Permit No. NH0100447, due to upstream receiving water toxicity. | |
| | F.15 | EMAIL. EPA to EJ Contacts. December 11, 2024. Subject: ADVANCE NOTICE, Draft National Pollution Discharge Elimination System (NPDES) Permits for Public Comment w/attachment: Public Information, Manchester Wastewater Treatment Facility & Combined Sewer. Overflows | |
| | F.16 | LETTER via EMAIL. Ellen Weitzler, EPA to Jeffrey Foote, Bedford, NH. December 16, 2024. Subject: Public Notice for NPDES Application No. NH0100447 (for) the Manchester Wastewater Treatment Plant. | |
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| | F.18 | LETTER via EMAIL. Ellen Weitzler, EPA to Fred McNeill, Manchester, NH. December 16, 2024. Subject: Public Notice for NPDES Application No. NH0100447 (for) the Manchester Wastewater Treatment Plant. | |
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| | F.21 | LETTER via EMAIL. Kenneth Moraff, EPA to Jeffrey Foote, Bedford, NH. November 3, 2025. Subject: Issuance of NPDES Permit No. NH0100447 (for) the Manchester Wastewater Treatment Plant. | |

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| | G.3 | State of New Hampshire. 2020/2022 Section 305(b) and 303(d) Consolidated Assessment and Listing Methodology. | https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/r-wd-20-20.pdf |
| H. OTHER TECHNICAL AND SCIENTIFIC DOCUMENTS | | | |
| | H.1 | Dingman, S.L., and S.C Lawlor, 1995. Estimating Low-Flow Quantiles from Drainage-Basin Characteristics in New Hampshire and Vermont, American Water Resources Association, Water Resources Bulletin, pp 243-256. | |
| | H.2 | CDM Smith/US Army Corps of Engineers New England District, Merrimack River Watershed Assessment Study - Phase III Final Monitoring Data Report August 2017. | |
| | H.3 | Howes, Brian, et al, Site-Specific Nitrogen Thresholds for Southeastern Massachusetts Embayments: Critical Indicators Interim Report, Massachusetts Estuaries Project, December 22, 2003. | |

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| | H.4 | NPDES Permit No. NH0100447 issued to the City of Manchester, Sept. 25, 2008. | https://www.epa.gov/system/files/documents/2025-08/finalnh0100447permit-2008.pdf |
| | H.5 | NPDES Permit No. NH0100447 issued to the City of Manchester, Feb. 11, 2015. | https://www.epa.gov/system/files/documents/2025-07/finalnh0100447permit-2015.pdf |
| | H.6 | Nutrient Criteria Technical Guidance Manual – Rivers and Streams, EPA July 2000 [EPA-822-B-00-002], Chapters 1 and 3. | https://www.epa.gov/sites/default/files/2018-10/documents/nutrient-criteria-manual-rivers-streams.pdf |
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| | H.8 | Aluminum Study Report (ASR). February 2011. | |
| | H.9 | Moore, Richard B., Craig M. Johnston, Richard A. Smith, and Bryan Milstead, 2011. Source and Delivery of Nutrients to Receiving Waters in the Northeastern and Mid-Atlantic Regions of the United States. Journal of the American Water Resources Association (JAWRA) 47(5):965-990. DOI: 10.1111/j.1752-1688.2011.00582.x. | |
| | H.10 | Maupin, Molly A. and Tamara Ivahnenko, 2011. Nutrient Loadings to Streams of the Continental United States From Municipal and Industrial Effluent. Journal of the American Water Resources Association (JAWRA) 47(5):950-964. | |
| | H.11 | Method 1621: Determination of Adsorbable Organic Fluorine (AOF)in Aqueous Matrices by Combustion Ion Chromatography (CIC). | https://www.epa.gov/system/files/documents/2024-01/method-1621-for-web-posting.pdf |
| | H.12 | Method 1633, Revision A Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. | https://www.epa.gov/system/files/documents/2024-12/method-1633a-december-5-2024-508-compliant.pdf |
| | H.13 | Upper Merrimack and Pemigewasset River Study Field Program 2009-2012 Monitoring Data Report December 2012. | |
| | H.14 | State Permit to Operate. December 30, 2013. Wastewater Treatment Plant, Sewage Sludge Incinerator. Permit No: SP-0267. | |
| | H.15 | A Guide to Recent Upgrade Projects, The City of Manchester Wastewater Treatment Plant. December 14, 2022. NEWEA. | |
| | H.16 | MassDEP Policy No. BRP01-1, "Interim Infiltration and Inflow Policy." 2001. | |
| | H.17 | I/I Analysis and Project Certification, EPA Ecol. Pub. 97-03 (1985). | |
| | H.18 | EPA, EPA's Per- and Polyfluoroalkyl Substances (PFAS) Action Plan, EPA 823R18004, February 2019. | https://www.epa.gov/sites/production/files/2019-02/documents/pfas_action_plan_021319_508compliant_1.pdf |

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| | H.20 | Key EPA Actions to Address PFAS. | https://www.epa.gov/pfas/key-epa-actions-address-pfas |
| | H.21 | Final Effluent Guidelines Program Plan. | https://www.epa.gov/eg/final-effluent-guidelines-program-plan |
| | H.22 | EPA's October 2021 PFAS Strategic Roadmap. | https://www.epa.gov/system/files/documents/2021-10/pfas-roadmap_final-508.pdf |
| | H.23 | Technical Support Document for Sewage Sludge Incineration (EPA 822/R-93-003, November 1992). | https://nepis.epa.gov/Exe/ZyNET.exe/91019FO5.TXT?ZyActionD=ZyDocument&Client=EPA&Index=1991+Thru+1994&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C91thru94%5CTxt%5C00000028%5C91019FO5.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL |
| | H.24 | EPA Effluent Guidelines Program Plan 15 (January 2023). | https://www.epa.gov/system/files/documents/2023-01/11143_ELG%20Plan%2015_508.pdf |
| | H.25 | Introduction to the National Pretreatment Program. | https://www.epa.gov/sites/default/files/2015-10/documents/pretreatment_program_intro_2011.pdf |
| | H.26 | Frequent Questions about PFAS Methods for NPDES Permits. | https://www.epa.gov/cwa-methods/frequent-questions-about-pfas-methods-npdes-permits |
| I. EPA GUIDANCE AND POLICY | | | |
| | I.1 | USEPA, <u>Technical Support Document for Water Quality-based Toxics Control</u> , 1991, EPA/505/2-90-001, p. 74. | https://www3.epa.gov/npdes/pubs/owm0264.pdf |

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| | I.2 | <i>Questions and Answers on Antidegradation.</i> EPA/811/1985.5. EPA. August 1985. | https://www.epa.gov/sites/default/files/2018-10/documents/questions-answers-antidegradation.pdf |
| | I.3 | <i>The Metals Translator: Guidance for Calculating a Total Recoverable Permit Limit from a Dissolved Criterion.</i> EPA 823-B-96-007. EPA. 1996. | https://www3.epa.gov/npdes/pubs/metals_translator.pdf |
| | I.4 | <i>Local Limit Development Guidance.</i> EPA. 2004. | https://www3.epa.gov/npdes/pubs/final_local_limits_guidance.pdf |
| | I.5 | <i>U.S. Environmental Protection Agency NPDES Permit Writer's Manual.</i> EPA-833-K-10-001. EPA. September 2010. | https://www3.epa.gov/npdes/nutrientpwtraining/part2/story_content/external_files/NPDES-Permit-Writers-Manual_2010.pdf |
| | I.6 | <i>National Recommended Water Quality Criteria: 2002.</i> EPA-822-R-02-047. EPA. November 2002. | https://www.epa.gov/sites/default/files/2018-12/documents/national-recommended-hh-criteria-2002.pdf |
| | I.7 | <i>Technical Support Document for Water Quality-Based Toxics Control.</i> EPA. EPA/505/2-90-001. March 1991. | https://www3.epa.gov/npdes/pubs/owm0264.pdf |
| | I.8 | <i>Consolidated Assessment and Listing Methodology Toward a Compendium of Best Practices.</i> July 2002. | https://www.epa.gov/sites/default/files/2015-09/documents/consolidated_assessment_and_listing_methodology_calm.pdf |
| | I.9 | <i>Guide for Evaluating Capacity, Operation, and Maintenance (CMOM) Programs at Sanitary Sewer Collection System.</i> EPA 305-B-05-002. EPA. January 2005. | https://www3.epa.gov/npdes/pubs/cmom_guide_for_collection_systems.pdf |
| | I.10 | <i>POTW Sludge Sampling And Analysis Guidance Document.</i> | https://www.epa.gov/sites/default/files/2018-11/documents/potw-sludge-sampling-guidance-document.pdf |
| | I.11 | Radhika Fox, Assistant Administrator, EPA to Water Division Directors, EPA Regions 1-10, April 28, 2022, Subject: "Addressing PFAS Discharges in EPA-Issued NPDES Permits and Expectations Where EPA is the Pretreatment Control Authority." | https://www.epa.gov/system/files/documents/2022-04/npdes_pfas-memo.pdf |
| | I.12 | Radhika Fox, Assistant Administrator, EPA to Water Division Directors, EPA Regions 1-10, December 5, 2022, Subject: "Addressing PFAS Discharges in NPDES Permits and Through the Pretreatment Program and Monitoring Programs." | https://www.epa.gov/system/files/documents/2022-12/NPDES_PFAS_State%20Memo_December_2022.pdf |
| | I.13 | EPA's 1994 Multijurisdictional Pretreatment Programs Guidance Manual, (EPA 833-B94-005) (June 1994). | https://www.epa.gov/system/files/documents/2021-07/owm0248.pdf |

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| | I.14 | EPA Region 1's Self-Implementing Alternative Dilution Water Guidance, dated March 2007. | https://www.epa.gov/system/files/documents/2025-07/alternate-dilution-water-guidance-march-2007-updated-addresses-2023.pdf |
| | I.15 | National Recommended Water Quality Criteria Tables. | https://www.epa.gov/wqc/national-recommended-water-quality-criteria-tables |
| | I.16 | EPA's <i>NPDES Program Policy – Addressing Environmental Justice and Equity in NPDES Permitting</i> . | https://www.epa.gov/system/files/documents/2024-01/npdes-ej-program-guidance-principles-recommended-practices-january-2024.pdf |
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| | I.18 | Memorandum: Minor POTW Toxicity Policy. | |
| | I.19 | <i>Water Quality Standards Handbook. EPA-823-B-17-001. EPA. 2017.</i> | https://www.epa.gov/wqs-tech/water-quality-standards-handbook |
| | I.20 | <i>Interim Guidance on the Destruction and Disposal of Perfluoroalkyl and Polyfluoroalkyl Substances and Materials Containing Perfluoroalkyl and Polyfluoroalkyl Substances Version 2 (2024).</i> | https://www.epa.gov/system/files/documents/2024-04/2024-interim-guidance-on-pfas-destruction-and-disposal.pdf |
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| | K.4 | Natural Resources Defense Council, Inc. v. Costle, 568 F.2d 1369, 1380 (D.C.Cir. 1977) | |
| | K.5 | Comm. for Consideration Jones Fall Sewage System v. Train, 375 F. Supp. 1148, 1150-51 (D. Md. 1974) | |
| | K.6 | Shanty Town Assoc. v. Envtl. Prot. Agency, 843 F.2d 782, 785 (4th Cir. 1988) | |
| | K.7 | United States v. Borowski, 977 F.2d 27, 30 n.5 (1st Cir. 1992) | |
| | K.8 | Decision of the General Counsel No. 27 (In re Inland Steel Company), August 4, 1975 | |
| | K.9 | Avon Custom Mixing Services, Inc., 10 E.A.D. 700, 708 (EAB 2022) | |
| | K.10 | City of Moscow, 10 E.A.D. 135, 170-71 (EAB 2001) | |

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