



UNITED STATES ENVIRONMENTAL PROTECTION  
AGENCY  
WASHINGTON, D.C. 20460

MEMORANDUM

OFFICE OF  
WATER

SUBJECT: Errata for the 2021 Multi-Sector General Permit for Industrial Stormwater Discharges

FROM: Christopher Kloss, Director  
Water Permits Division

TO: 2021 Multi-Sector General Permit Permittees

The U.S. Environmental Protection Agency (EPA) signed and issued the 2021 Multi-Sector General Permit (MSGP) for Stormwater Discharges Associated with Industrial Activity on January 15, 2021. Following the issuance of the 2021 MSGP, EPA identified several typographical and similar errors in the permit. **The clarifications outlined below do not create any new or additional obligations or requirements for you or your facility/facilities and do not modify any existing requirements.** These minor clarifications do improve the readability of the permit and fact sheet for permittees.

In order to make these clarifications as transparent as possible for MSGP permittees, EPA is providing the attached errata sheet for the 2021 MSGP that was prepared in coordination with the Regional offices. The errata sheet is intended to be used in conjunction with the 2021 MSGP.

Should you have any questions concerning the errata sheet and/or the MSGP, please feel free to contact us at [MSGP@epa.gov](mailto:MSGP@epa.gov).

Attachment: Errata

## ERRATA

### U.S. Environmental Protection Agency 2021 Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity

July 2021

#### 2021 MSGP Permit Part 1-7

| Permit Part                                       | Permit Text  |                       |                    |  |                        |
|---|--|-----------------------|--------------------|--|------------------------|
| Permit Part 1.1.6.3 b.<br>(Page 9)                | For new dischargers and new sources to waters designed by a state or tribe as Tier 3 waters (i.e., outstanding national resource waters) for antidegradation purposes under 40 CFR 131.123(a)(3), you are not eligible under this permit and you must apply for an individual permit. See a list of Tier 3 waters in Appendix L.   |                       |                    |  |                        |
| Permit Part 1.2.1.4<br>Table 1-1.<br>Page 10      | <b>Regulated Discharge</b>   | <b>40 CFR Section</b> | <b>MSGP Sector</b> | <b>New Source Performance Standard</b> | <b>New Source Date</b> |
|   | Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas  | Part 429, Subpart J   | A                  | Yes                                    | 1/26/81                |
| Permit Part 1.2.2.3<br>(Page 11)                  | In Part 1.2.2.3: “Once the earth-disturbing activities conducted prior to active mining activities have ceased, the only authorized non-stormwater discharges for Sectors G, H, and J are those listed <b>here</b> in Part 1.2.2.13:”  |                       |                    |  |                        |
| Permit Part 1.3.4 Modifying your NOI<br>(Page 14) | If after submitting your NOI, you need to correct or update any fields, you may do so by submitting a “Change NOI” form using NeT-MSGP. Per Part 7.2.1, you must submit your Change NOI electronically via NeT-MSGP, unless the EPA Regional Office grants you a waiver from electronic reporting, in which case you may use the suggested format for the paper Change NOI form.   |                       |                    |  |                        |
| Permit Part 1.5 Modifying your NOI<br>(Page 17)   | You must use EPA’s NPDES eReporting Tool for the MSGP (NeT-MSGP) to electronically prepare and submit to EPA a complete and accurate NEC. Per Part 7.2.1, you must submit your NEC electronically via NeT-MSGP, unless the applicable EPA Regional Office grants you a waiver from electronic reporting, in which case you may use the paper NEC form in Appendix K. To access NeT-MSGP, go to <a href="https://cdxnodengn.epa.gov/net-msgp/action/login">https://cdxnodengn.epa.gov/net-msgp/action/login</a> |                       |                    |  |                        |

| Permit Part  | Permit Text   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
|--|---|----------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|----------------|-----------------------------|
| Permit Part 2.1.2.8<br>a. iii.<br>(Page 23)                        | Personnel who are responsible for conducting and documenting inspections and monitoring <del>and inspections</del> as required in Parts 3 and 4; and  |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| Permit Part 2.1.3<br>Table 2-1<br>Rows 1-7, 9<br>(Page 24)         | <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th data-bbox="862 499 1235 552">Effluent Limit</th> </tr> </thead> <tbody> <tr> <td data-bbox="862 552 1235 604">See Part 8.A.<del>7</del>.8</td> </tr> <tr> <td data-bbox="862 604 1235 657">See Part 8.C.<del>4</del>.5</td> </tr> <tr> <td data-bbox="862 657 1235 709">See Part 8.D.<del>4</del>.5</td> </tr> <tr> <td data-bbox="862 709 1235 762">See Part 8.E.<del>5</del>.6</td> </tr> <tr> <td data-bbox="862 762 1235 814">See Part 8.J.<del>9</del> 10</td> </tr> <tr> <td data-bbox="862 814 1235 867">See Part 8.K.<del>6</del>.7</td> </tr> <tr> <td data-bbox="862 867 1235 919">See Part 8.L.<del>10</del> 11</td> </tr> <tr> <td data-bbox="862 919 1235 972">See Part 8.O.8</td> </tr> <tr> <td data-bbox="862 972 1235 1024">See Part 8.S.<del>89</del></td> </tr> </tbody> </table> | Effluent Limit | See Part 8.A. <del>7</del> .8 | See Part 8.C. <del>4</del> .5 | See Part 8.D. <del>4</del> .5 | See Part 8.E. <del>5</del> .6 | See Part 8.J. <del>9</del> 10 | See Part 8.K. <del>6</del> .7 | See Part 8.L. <del>10</del> 11 | See Part 8.O.8 | See Part 8.S. <del>89</del> |
| Effluent Limit   |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.A. <del>7</del> .8                                      |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.C. <del>4</del> .5                                      |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.D. <del>4</del> .5                                      |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.E. <del>5</del> .6                                      |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.J. <del>9</del> 10                                      |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.K. <del>6</del> .7                                      |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.L. <del>10</del> 11                                     |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.O.8   |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| See Part 8.S. <del>89</del>  |   |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| Permit Part 3.1.5<br>(Page 28)                                     | Inactive and unstaffed facilities covered under Sectors G (Metal Mining), H (Coal Mines and Coal Mining-Related Facilities), and J (Non-Metallic Mineral Mining and Dressing) are not required to meet the “no industrial materials or activities exposed to stormwater” standard to be eligible for this exception from routine inspections, per Parts 8.G.8. <del>45</del> , 8.H.9.1, and 8.J.9.1.  |                |                               |                               |                               |                               |                               |                               |                                |                |                             |
| Permit Part 3.2.4.4 Inactive and Unstaffed Facilities<br>(Page 31) | Inactive and unstaffed facilities covered under Sectors G (Metal Mining), H (Coal Mines and Coal Mining-Related Facilities), and J (Non-Metallic Mineral Mining and Dressing), are not required to meet the “no industrial materials or activities exposed to stormwater” standard to be eligible for this exception from quarterly visual assessments, consistent with the requirements established in Parts 8.G.8. <del>54</del> , 8.H.9.1, and 8.J.9.1.  |                |                               |                               |                               |                               |                               |                               |                                |                |                             |

| Permit Part   | Permit Text   |
|---|---|
| Permit Part 4.1.1 Monitored Stormwater Discharge Points (Page 32)   | The allowance for monitoring only one of the SIDP is not applicable to any discharge points with numeric effluent limitations. You are required to monitor each discharge point covered by a numeric effluent limit as identified in Part 4.2.32  |
| Permit Part 4.1.5 and Permit Part 4.1.6 (Page 33)   | As specified in Part 7.3.4, you must indicate in Net-DMR any failure to monitor during the regular reporting period.  |
| Permit Part 4 Monitoring Table 4-1 Row: Indicator – PAHs, Column: Monitoring Type Applies To (Page 34)                        | Operators with stormwater discharges from paved surfaces that will be sealed or re-sealed with coal-tar sealcoat where industrial activities are located during coverage under this permit; sectors; Sector A facilities that manufacture, use, or store creosote or creosote-treated wood in areas that are exposed to precipitation; and Sectors C (SIC 2911), D, F, H, I, M, O, P (SIC 4011, 4013, and 5171), Q (SIC 4493+), R, and S  |
| Permit Part 4.2.1.1.b.i Applicability and Schedule of Indicator Monitoring Polycyclic Aromatic Hydrocarbons (PAHs). (Page 35) | Applicability.... The following operators must monitor stormwater discharges for the 16 individual priority pollutant PAHs (also specified in the sector-specific requirements in Part 8): operators in all sectors with stormwater discharges from paved surfaces that will be sealed or re-sealed with coal-tar sealcoat where industrial activities are located during coverage under this permit; operators in sectors A (facilities that manufacture, use, or store creosote or creosote-treated wood in areas that are exposed to precipitation), C (SIC Code 2911), D, F, H, I, M, O, P (SIC Codes 4011, 4013, and 5171), Q (SIC Code 4493+), R, and S. Monitoring is required for the 16 individual PAHs identified at Appendix A to 40 CFR Part 423: naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, benzo[g,h,i]perylene, indeno[1,2,3-c,d]pyrene, and dibenz[a,h]anthracene. Samples must be analyzed using EPA Method 625.1, or EPA Method 610/Standard Method 6440B if preferred by the operator, consistent with 40 CFR Part 136 analytical methods. |

| Permit Part  | Permit Text   |                   |                         |          |         |           |         |
|--|---|-------------------|-------------------------|----------|---------|-----------|---------|
| Permit Part 4.2.2.2<br>Table 4-2<br>Row: Total Recoverable Arsenic, Freshwater<br>(Page 37)            | <table border="1" data-bbox="738 294 1360 407"> <tr> <td data-bbox="738 294 930 336">Total Recoverable</td> <td data-bbox="930 294 1156 336">Freshwater<sup>a</sup></td> <td data-bbox="1156 294 1360 336">150 µg/L</td> </tr> <tr> <td data-bbox="738 336 930 407">Arsenic</td> <td data-bbox="930 336 1156 407">Saltwater</td> <td data-bbox="1156 336 1360 407">69 µg/L</td> </tr> </table>  | Total Recoverable | Freshwater <sup>a</sup> | 150 µg/L | Arsenic | Saltwater | 69 µg/L |
| Total Recoverable  | Freshwater <sup>a</sup>   | 150 µg/L          |                         |          |         |           |         |
| Arsenic  | Saltwater   | 69 µg/L           |                         |          |         |           |         |
| Permit Part 5.2<br>Additional Implementation Measures (AIM)<br>(Page 47)                               | You must follow the corresponding AIM level responses and deadlines described in Parts 5.2.13, 5.2.24, and 5.2.35 unless you qualify for an exception under Part 5.2.6.   |                   |                         |          |         |           |         |
| Permit Part 5.2.6.4<br>Facility Specific WQC Parenthetical for Aluminum – Freshwater only<br>(Page 51) | a. Aluminum (only for discharges to freshwater):  |                   |                         |          |         |           |         |
| Permit Part 5.2.5.1 AIM Level 3 Responses<br>(Page 50)   | The controls or treatment technologies or treatment train you install should be appropriate for the pollutants that triggered AIM Level 3 and should be more rigorous than the pollution prevention/good housekeeping-type stormwater control measures implemented under AIM Tier-Level 2 in Part 5.2.4.  |                   |                         |          |         |           |         |
| Permit Part 6.5.10<br>(Page 65)  | Documentation to support your claim that your facility has changed its status from active to inactive and unstaffed with respect to the requirements to conduct routine facility inspections (see Part 3.1.5), quarterly visual assessments (see Part 3.2.4.4), benchmark monitoring (see Part 4.2.2.45), and/or impaired waters monitoring (see Part 4.2.5.2).   |                   |                         |          |         |           |         |
| Permit Part 7.1<br>(Page 65)   | If you wish to obtain a waiver from submitting a report electronically, you must submit a request to the applicable EPA Regional Office, found in Part 7.98.  |                   |                         |          |         |           |         |
| Permit Part 7.4.1<br>(Page 67)   | A summary of your past year’s routine facility inspection documentation required (Part 3.1.6). In addition, if you are an operator of an airport facility (Sector S) that is subject to the airport effluent limitations guidelines and are complying with the Part 8.S.89.1 effluent limitation through the use of non-urea-containing deicers, provide a statement certifying that you do not use pavement deicers containing urea. (Note: Operators of airport facilities that are complying with Part 8.S.89.1 by meeting the numeric effluent limitation for |                   |                         |          |         |           |         |

| Permit Part                    | Permit Text   |
|--------------------------------|---|
|                                | ammonia do not need to include this statement.)   |
| Permit Part 7.6.6<br>(Page 67) | Compliance schedules (see Appendix B, Subsection 12. <del>FE</del> )<br>– Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date; |

**2021 MSGP Permit Part 8 - Sector-Specific Requirements for Industrial Activity**

| Permit Part  | Permit Text   |   |   |          |                                       |         |                                       |           |   |          |
|--|---|---|---|----------|---------------------------------------|---------|---------------------------------------|-----------|---|----------|
| Permit Part 8.A.7<br>Sector Specific<br>Benchmarks<br>Table 8.A-2<br>Rows: Subsector A2.<br>Total Recoverable<br>Arsenic (freshwater)<br>(Page 73) | <table border="1"> <tr> <td rowspan="4"><b>Subsector A2. Wood Preserving (SIC 2491)</b></td> <td>Total Recoverable Arsenic* (freshwater)</td> <td>150 µg/L</td> </tr> <tr> <td>Total Recoverable Arsenic (saltwater)</td> <td>69 µg/L</td> </tr> <tr> <td>Total Recoverable Copper (freshwater)</td> <td>5.19 µg/L</td> </tr> <tr> <td>Total Recoverable Copper (saltwater)<sup>2</sup></td> <td>4.8 µg/L</td> </tr> </table> | <b>Subsector A2. Wood Preserving (SIC 2491)</b> | Total Recoverable Arsenic* (freshwater) | 150 µg/L | Total Recoverable Arsenic (saltwater) | 69 µg/L | Total Recoverable Copper (freshwater) | 5.19 µg/L | Total Recoverable Copper (saltwater) <sup>2</sup> | 4.8 µg/L |
| <b>Subsector A2. Wood Preserving (SIC 2491)</b>  | Total Recoverable Arsenic* (freshwater)   |   | 150 µg/L                                |          |                                       |         |                                       |           |   |          |
|  | Total Recoverable Arsenic (saltwater)   |   | 69 µg/L                                 |          |                                       |         |                                       |           |   |          |
|  | Total Recoverable Copper (freshwater)   |   | 5.19 µg/L                               |          |                                       |         |                                       |           |   |          |
|  | Total Recoverable Copper (saltwater) <sup>2</sup>   | 4.8 µg/L  |   |          |                                       |         |                                       |           |   |          |
| Permit Part 8.A.8<br>Effluent Limitations<br>Based on Effluent<br>Limitations Guidelines<br>Title<br>(Page 74)                                     | 8.A.8 Effluent Limitations Based on Effluent Limitations Guidelines. (See also Part 4.2.3.1)  |   |   |          |                                       |         |                                       |           |   |          |

| Permit Part  | Permit Text  |  |                    |
|--|--|--|--------------------|
| Permit Part 8.G.4<br>Requirements<br>Applicable to Earth-Disturbing Activities Conducted Prior to Active Mining Activities<br>(Page 93)                                | Stormwater discharges from earth-disturbing activities conducted prior to active mining activities (defined in Part 8.G.3.2) are covered under this permit. For such earth-disturbing activities, you must comply with all applicable requirements in Parts 1-9 of the MSGP except for the technology-based effluent limits in Parts 2.1.2 and 8.G.5 and Part 2.1.2, the inspection requirements in Parts 3 and 8.G.7 and Part 3, and the monitoring requirements in Parts 4 and 8.G.8 and Part 4. |  |                    |
| Permit Part 8.G.8.3<br>Table 8.G-3<br>Row: Subsector G2.<br>Total Recoverable Arsenic (saltwater)<br>(Page 106)  | Subsector G2. Iron Ores; Copper Ores; Lead and Zinc Ores; Gold and Silver Ores; Ferroalloy Ores, Except Vanadium; and Miscellaneous Metal Ores (SIC Codes 1011, 1021, 1031, 1041, 1044, 1061, 1081, 1094, 1099)<br>(Note: when analyzing hardness for a suite of metals, it is more cost effective to add analysis of calcium and magnesium, and have hardness calculated than to require hardness analysis separately)  | Total Suspended Solids (TSS)                                     | 100 mg/L           |
|  |  | Turbidity  | 50 NTU             |
|  |  | pH   | 6.0-9.0 s.u.       |
|  |  | Hardness (as CaCO <sub>3</sub> ; calc. from Ca, Mg) <sup>2</sup> | no benchmark value |
|  |  | Total Recoverable Antimony                                       | 640 µg/L           |
|  |  | Total Recoverable Arsenic (freshwater)                           | 150 µg/L           |
|  |  | Total Recoverable Arsenic (saltwater) <sup>+</sup>               | 69 µg/L            |
| Permit Part 8.G.8.4<br>Additional Analytic Monitoring Requirements for Discharges From Waste Rock and Overburden Piles at Active Metal Mining Facilities<br>(Page 107) | For radium and uranium, you must monitor quarterly (as identified in Part 4.1.7) for your first four full quarters of permit coverage commencing <del>insert 90 days after permit effective date</del> May 30, 2021, after which you may discontinue monitoring for these two parameters.  |  |                    |
| Permit Part 8.J.8<br>Exception for inactive facilities (sector J)<br>(Page 142)  | Table 8.J-1 identifies indicator monitoring that applies to the specific subsectors of Sector J. This indicator monitoring applies to both your primary industrial activity and any co-located industrial activities. <b>Note: There are no Part 8.J.8 monitoring and reporting or impaired waters monitoring requirements for inactive and unstaffed sites.</b>   |  |                    |

| Permit Part  | Permit Text  |  |              |              |                                 |             |   |          |   |         |
|--|--|--|--------------|--------------|---------------------------------|-------------|---|----------|---|---------|
| Permit Part 8.K.6<br>Sector Specific<br>Benchmarks<br>Table 8.K-1<br>Row: Subsector K1,<br>Total Recoverable<br>Arsenic (saltwater)<br>(Page 147)  | <table border="1"> <tr> <td rowspan="4"><b>Subsector K1. ALL -</b><br/>Industrial Activity Code “HZ”<br/>(Note: permit coverage limited<br/>in some states). Benchmarks<br/>only applicable to discharges<br/>not subject to effluent<br/>limitations in 40 CFR Part 445<br/>Subpart A (see below).</td> <td>Ammonia</td> <td>2.14<br/>mg/L</td> </tr> <tr> <td>Chemical Oxygen<br/>Demand (COD)</td> <td>120<br/>mg/L</td> </tr> <tr> <td>Total Recoverable<br/>Arsenic (freshwater)</td> <td>150 µg/L</td> </tr> <tr> <td>Total Recoverable<br/>Arsenic (saltwater)<sup>+</sup></td> <td>69 µg/L</td> </tr> </table> | <b>Subsector K1. ALL -</b><br>Industrial Activity Code “HZ”<br>(Note: permit coverage limited<br>in some states). Benchmarks<br>only applicable to discharges<br>not subject to effluent<br>limitations in 40 CFR Part 445<br>Subpart A (see below). | Ammonia      | 2.14<br>mg/L | Chemical Oxygen<br>Demand (COD) | 120<br>mg/L | Total Recoverable<br>Arsenic (freshwater) | 150 µg/L | Total Recoverable<br>Arsenic (saltwater) <sup>+</sup> | 69 µg/L |
| <b>Subsector K1. ALL -</b><br>Industrial Activity Code “HZ”<br>(Note: permit coverage limited<br>in some states). Benchmarks<br>only applicable to discharges<br>not subject to effluent<br>limitations in 40 CFR Part 445<br>Subpart A (see below). | Ammonia  |  | 2.14<br>mg/L |              |                                 |             |   |          |   |         |
|  | Chemical Oxygen<br>Demand (COD)  |  | 120<br>mg/L  |              |                                 |             |   |          |   |         |
|  | Total Recoverable<br>Arsenic (freshwater)  |  | 150 µg/L     |              |                                 |             |   |          |   |         |
|  | Total Recoverable<br>Arsenic (saltwater) <sup>+</sup>  | 69 µg/L  |              |              |                                 |             |   |          |   |         |
| Permit Part 8.M.6<br>Title<br>(Page 156)   | 8.M.6 Sector-Specific Benchmarks (See also Part 4.2.23)  |  |              |              |                                 |             |   |          |   |         |
| Permit Part 8.N.5.1<br>(Page 162)  | <b>Inspections for Waste Recycling Facilities.</b> The inspections must be performed quarterly, per Part 3.1.4, and include, at a minimum, all areas where waste is generated, received, stored, treated, or disposed of and that are exposed to either precipitation or stormwater.   |  |              |              |                                 |             |   |          |   |         |
| Permit Part 8.Q.6<br>Table 8.Q-1<br>(Page 174)   | Subsector Q1. Water Transportation Facilities (SIC Code 44934 only)  |  |              |              |                                 |             |   |          |   |         |

### Fact Sheet for Stormwater Discharges Associated with Industrial Activities

| Fact Sheet Part  | Fact Sheet Text  |
|--|--|
| Fact Sheet Part II. 2015<br>MSGP Litigation<br>(Page 4)  | Part 4.2.45.1.a+ Facilities Required to Monitor for Discharges to Impaired Waters Without an EPA-approved or Established Total Maximum Daily Load (TMDL) (previously Part 6.2.4.1 in the 2015 MSGP). EPA proposed for comment specific edits regarding monitoring for impaired waters  |
| Fact Sheet Part III. NRC<br>Recommendations on Pollutant<br>Monitoring Requirements and<br>Benchmark Thresholds<br>2. NRC Recommendation<br>(Page 5) | As described above, the 2021 MSGP requires certain operators to conduct “report only” indicator analytical monitoring for three parameters - pH, TSS, and COD - quarterly for the duration of the permit. . . . [O]perators in sectors A (facilities that manufacture, use, or store creosote or creosote-treated wood in areas that are exposed to precipitation), C (SIC Code 2911), D, F, H, I, M, O, P (SIC Codes 4011, 4013, and 5171), Q (SIC Code 44934), R, and S. . . . |



| Fact Sheet Part   | Fact Sheet Text   |
|---|---|
| Fact Sheet Part IV.4<br>Monitoring Changes<br>Indicator monitoring for<br>Polycyclic Aromatic<br>Hydrocarbons (PAHs)<br>(Page 12) | The 2021 MSGP includes a new provision that requires certain operators to conduct “report-only” indicator...or store creosote or creosote-treated wood in areas that are exposed to precipitation), C (SIC Code 2911), D, F, H, I, M, O, P (SIC Codes 4011, 4013, and 5171), Q (SIC Code 44934), R, and S. . . .  |
| Fact Sheet Part<br>IV.4/Monitoring Changes<br>Additional Implementation<br>Measures (AIM)<br>(Page 14)                            | After an exceedance triggering event occurs, an operator must ... EPA may grant an extension to the deadlines for AIM Level 2 and AIM Level 3 based on an appropriate demonstration by the operator as outlined in Parts 5.2.4.2 (AIM Level 2 Deadlines) and 5.32.5.2 (AIM Level 3 Deadlines).  |
| Fact Sheet Part VII. Permit<br>Requirements<br>Part 1.1.4<br>Criterion C<br>(Page 19)   | EPA also added “I comply with the applicable monitoring requirements and have not had any exceedances” to Criteria C3 Eligibility Form Section V.B of Appendix E.   |
| Fact Sheet Part VII. Permit<br>Requirements<br>Part 1.3.4<br>(Page 27)  | This Part specifies that after submitting an NOI, if an operator needs to correct or update any fields, it may do so by submitting a “Change NOI” form using NeT-MSGP. Per Part 7.12, the operator must submit your Change NOI electronically via NeT-MSGP, unless the applicable EPA Regional Office grants a waiver from electronic reporting,  |
| Fact Sheet Part VII. Permit<br>Requirements<br>Part 1.4.1<br>(Page 29)  | This Part describes how to submit a Notice of Termination (NOT) to terminate permit coverage. Termination of MSGP coverage indicates that the operator no longer has an obligation to manage industrial stormwater per the MSGP’s provisions, based on at least one of the reasons described in Part 1.34.1. . . . If EPA determines that the NOT is incomplete or that the operator has not satisfied one of the termination conditions in Part 1.34.2, then the notice is not valid and the operator must continue to comply with the conditions of the permit. |
| Fact Sheet VII. Permit<br>Requirements<br>Part 4.2.1.1.b Indicator<br>Monitoring for PAHs<br>(Page 59)                            | The 2021 MSGP requires indicator monitoring for PAHs for the following operators, given the types of activities they may conduct... operators in sectors A (facilities that manufacture, use, or store creosote or creosote-treated wood in areas that are exposed to precipitation), C (SIC Code 2911), D, F, H, I, M, O, P (SIC Codes 4011, 4013, and 5171), Q (SIC Code 44934), R, and S. . . .  |

| Fact Sheet Part  | Fact Sheet Text  |
|--|--|
| Fact Sheet Part VII. Permit Requirements<br>Part 4.2.1.1.b Indicator Monitoring for PAHs<br>Table 4-1 Footnote #3<br>(Page 66)   | 3. Marinas (SIC Code 4493+) account for most of the estimated loading identified in this sector (6,379 kg/year).   |
| Fact Sheet VII. Permit Requirements<br>Part 4.2.1.1.b under section entitled “Sectors with Potential for PAH Exposure to Precipitation Resulting in Stormwater Discharges” with subsection named “Sector Q: Water Transportation”<br>(Page 72) | Sector Q includes marinas (SIC Code 4493+). Studies have linked PAH contamination in surface waters to marinas from activities associated with boating (e.g., boat cleaning, fueling operations), boat motor exhaust, and occasional spills (Neira, 2016; Heng, 2013)... EPA’s industry analysis indicated that Sector Q has an estimated total PAH pollutant load in industrial wastewater of 6,351 kg/year, which represents the second highest estimated PAH pollutant loading in industrial wastewater of the MSGP subsectors evaluated. Marinas (SIC Code 4493+) account for most of the estimated loading identified in this subsector (6,379 kg/year). Based on the potential for petroleum hydrocarbon exposure to precipitation and potential stormwater discharges of PAHs at marinas, the 2021 MSGP requires indicator monitoring for PAHs for Sector Q facilities with SIC Code 4493+.   |
| Fact Sheet VII. Permit Requirements<br>Part 4.2.1.1.b<br>References<br>(Pages 74-77)   | CDC. 2009. Polycyclic Aromatic Hydrocarbons (PAHs).<br><a href="http://www.epa.gov/sites/production/files/2014-03/documents/pahs_factsheet_cdc_2013.pdf">http://www.epa.gov/sites/production/files/2014-03/documents/pahs_factsheet_cdc_2013.pdf</a><br><a href="https://www.regulations.gov/document/EPA-HQ-OW-2019-0372-0037">https://www.regulations.gov/document/EPA-HQ-OW-2019-0372-0037</a><br><br>EPA. 2009. Brownfields Profile Glossary.<br><a href="http://ofmpub.epa.gov/sor_internet/registry/termreg/searchandretrieve/glossariesandkeywordlists/search.do?details=&amp;glossaryName=Brownfields%20Profile%20Glossary#">http://ofmpub.epa.gov/sor_internet/registry/termreg/searchandretrieve/glossariesandkeywordlists/search.do?details=&amp;glossaryName=Brownfields%20Profile%20Glossary#</a><br><a href="https://sor.epa.gov/sor_internet/registry/termreg/searchandretrieve/glossariesandkeywordlists/search.do?details=&amp;glossaryName=Brownfields%20Profile%20Glossary">https://sor.epa.gov/sor_internet/registry/termreg/searchandretrieve/glossariesandkeywordlists/search.do?details=&amp;glossaryName=Brownfields%20Profile%20Glossary</a><br><br>Hussain, K., R.R. Hoque, S. Balachandran, S. Medhi, M. Idris, M. Rahman, and F.L. Hussain. 2018. Monitoring and risk analysis of PAHs in the environment. Handbook of Environmental Materials Management: Springer International Publishing, AG. Available at<br><a href="https://link.springer.com/referenceworkentry/10.1007%2F978-3-319-58538-3_29">https://link.springer.com/referenceworkentry/10.1007%2F978-3-319-58538-3_29</a><br><a href="https://www.researchgate.net/publication/323700398_Monitoring_and_Risk_Analysis_of_PAHs_in_the_Environment">https://www.researchgate.net/publication/323700398_Monitoring_and_Risk_Analysis_of_PAHs_in_the_Environment</a> |

| Fact Sheet Part  | Fact Sheet Text   |
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|  | <p>Prabhukumar, G. and K. Pagilla. 2010. Polycyclic aromatic hydrocarbons in urban runoff–sources, sinks and treatment: A review. Chicago, IL: Illinois Institute of Technology Department of Civil, Architectural and Environmental Engineering. Available at <a href="http://drsew.org/wp/wp-content/uploads/2019/01/Review-of-PAH-Sources-and-Treatment_FINAL_13-Oct2010.pdf">http://drsew.org/wp/wp-content/uploads/2019/01/Review-of-PAH-Sources-and-Treatment_FINAL_13-Oct2010.pdf</a><br/> <a href="https://drsew.org/wp/wp-content/uploads/2019/01/Review-of-PAHs-Sources-and-Treatment_FINAL_13-Oct2010.pdf">https://drsew.org/wp/wp-content/uploads/2019/01/Review-of-PAHs-Sources-and-Treatment_FINAL_13-Oct2010.pdf</a></p> <p>Reynolds, J. &amp; D. Wetzel, PowerPoint presentation: Polycyclic Aromatic Hydrocarbon (PAH) Contamination in Cook Inlet Belugas (n.d.). Available at <a href="http://downloads.regulations.gov/%2FMARAD-2019-0011-0143%2Fattachment_13.pdf&amp;usg=AOvVaw0eQqKRIWvub4vgOOdK6ogX">http://downloads.regulations.gov/%2FMARAD-2019-0011-0143%2Fattachment_13.pdf&amp;usg=AOvVaw0eQqKRIWvub4vgOOdK6ogX</a><br/> <a href="https://downloads.regulations.gov/MARAD-2019-0011-0143/attachment_13.pdf">https://downloads.regulations.gov/MARAD-2019-0011-0143/attachment_13.pdf</a></p> |
| <p>Fact Sheet VII. Permit Requirements<br/> Part 7.2<br/> (Page 126)</p> | <p>Part 7.2 includes a summary of all of the required information that the operator must submit to EPA. Operators must submit NOIs, Change NOIs, NECs, NOTs, and Annual Reports via EPA’s electronic NPDES eReporting tool (NeT), unless the permit states otherwise or unless granted a waiver per Part 7.1. Operators must also submit the following information to the applicable EPA Regional Office (see Part 7.98 for addresses): New Dischargers and New Sources to Water Quality-Impaired Waters (see Part 1.1.6.2); Exceedance Report for Numeric Effluent Limitations (see Part 7.65); and Additional Reporting (see Part 7.7).</p>   |
| <p>Fact Sheet VII. Permit Requirements<br/> Part 7.3<br/> (Page 127)</p> | <p>For both indicator monitoring and benchmark monitoring, EPA notes that sampling results must be submitted to EPA no later than 30 days after receiving laboratory results for each monitoring period that samples are required to be collected per Parts 4.21 and 4.2.2. For any of monitored discharge points that did not have a discharge within the reporting period, operators must report using Net-DMR reporting tool that there was no discharge for that discharge point no later than 30 days after the end of the reporting period.</p>   |

| Fact Sheet Part   | Fact Sheet Text  |
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| Fact Sheet VII. Permit Requirements<br>Part 7.6<br>(Page 128)             | Compliance schedules (see Appendix B, Subsection 12. <del>FE</del> ) – Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date; |
| Fact Sheet Appendices<br>Appendix H – Notice of Termination<br>(Page 134) | Parts 1.4 and 7.1 require operators to use the NPDES eReporting Tool system, or “NeT” system, to prepare and submit their NOT when any of the conditions in Part 1. <del>3-24.2</del> have been met.   |

### Appendix C – Areas Eligible for Coverage

| Permit Part  | Permit Text  |
|--|--|
| C.4 EPA Region 4:<br>Alabama, Florida, Georgia,<br>Kentucky, Mississippi,<br>North Carolina, South<br>Carolina, Tennessee.<br>(Page 2) | FLR <del>05I0000</del><br>Indian country within the State of Florida (except for facilities on the Miccosukee and Seminole Tribe lands, contact EPA Region 4 for an individual permit application) |

### Appendix E - Procedures Relating to Endangered Species Protection

| Permit Part  | Permit Text   |
|--|---|
| E.2<br>Eligibility<br>Criterion<br>(Page E-2)  | NOTE: You must use the information from the <a href="#">USFWS IPaC</a> and <a href="#">NOAA Species Directory</a> (see Part E.45 of this appendix, Step 2 and E.6 of this appendix, Step 3) when determining the presence of ESA listed species and critical habitat.   |
| Criterion C2<br>Basis statement content<br>(Page E-4)  | A description of EPA approved measures you will implement or will continue to implement, <b>including additional measures previously suggested by the services and required by the EPA under the 2015 MSGP</b> , to ensure no likely adverse effects on ESA-listed species and/or critical habitat.   |
| E.6<br>Step 3: Determine if listed<br>threatened or endangered<br>species and/or critical habitat<br>are present in your action<br>area.<br>(Page E-9) | For NMFS species and critical habitat information, use the following webpages, which provide up-to-date information on listed species<br><ul style="list-style-type: none"> <li><del><a href="https://www.fisheries.noaa.gov/species-directory/threatened-endangered">https://www.fisheries.noaa.gov/species-directory/threatened-endangered</a></del> and <del><a href="https://www.fisheries.noaa.gov/national/endangered-speciesconservation/critical-habitat">critical habitat</a></del></li> <li><del><a href="https://www.fisheries.noaa.gov/national/endangered-speciesconservation/critical-habitat">https://www.fisheries.noaa.gov/national/endangered-speciesconservation/critical-habitat</a></del></li> </ul> <b>For the Northeastern U.S.: NOAA Fisheries Greater Atlantic</b> |

| Permit Part  | Permit Text   |
|--|---|
|  | <p>Region ESA Section 7 Mapper:<br/> <a href="https://noaa.maps.arcgis.com/apps/webappviewer/index.html?id=1bc332edc5204e03b250ac11f9914a27">https://noaa.maps.arcgis.com/apps/webappviewer/index.html?id=1bc332edc5204e03b250ac11f9914a27</a>;</p> <ul style="list-style-type: none"> <li>• For Puerto Rico: <ul style="list-style-type: none"> <li>o <i>Acropora</i> critical habitat map:<br/> <a href="https://www.fisheries.noaa.gov/resource/map/acropora-elkhorn-and-staghorn-coral-critical-habitat-map-and-gis-data">https://www.fisheries.noaa.gov/resource/map/acropora-elkhorn-and-staghorn-coral-critical-habitat-map-and-gis-data</a>;</li> <li>o Green turtle critical habitat map:<br/> <a href="https://www.fisheries.noaa.gov/resource/map/green-turtle-critical-habitat-map-and-gis-data">https://www.fisheries.noaa.gov/resource/map/green-turtle-critical-habitat-map-and-gis-data</a>;</li> <li>o Hawksbill Turtle critical habitat map:<br/> <a href="https://www.fisheries.noaa.gov/resource/map/hawksbill-turtle-critical-habitat-map-and-gis-data">https://www.fisheries.noaa.gov/resource/map/hawksbill-turtle-critical-habitat-map-and-gis-data</a>;</li> </ul> </li> <li>• Western U.S.: West Coast Region Protected Resources App:<br/> <a href="https://www.webapps.nwfsc.noaa.gov/portal/apps/webappviewer/index.html?id=7514c715b8594944a6e468dd25aaacc9">https://www.webapps.nwfsc.noaa.gov/portal/apps/webappviewer/index.html?id=7514c715b8594944a6e468dd25aaacc9</a>;</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>• Pacific Islands: Contact the Pacific Islands Regional Office at (808) 725-5000 or <a href="mailto:pirohonolulu@noaa.gov">pirohonolulu@noaa.gov</a>.</li> </ul> <p>If you need more information, go to <a href="https://www.fisheries.noaa.gov/regions">https://www.fisheries.noaa.gov/regions</a>. Choose the Region where the project is based from the left-hand column and the office from the About Us on the right-hand column</p> |
| Section II. Action Area (Page E-15)  | As required in <a href="#">Step 2 of Section E.45 of Appendix E</a> , You must include a map and a written description of the action area of your facility in Attachment 1 of this appendix.  |
| Section V. Evaluation of Discharge Effects<br>Table A. Evaluation of Pollutants and Controls to Avoid Adverse Effects<br>Column Heading<br>(Page E-18) | <b>Controls to Avoid Adverse Effects on Listed Aquatic and Aquatic-Dependent Species and Critical Habitat.</b> Include information supporting why the control(s) will ensure no adverse effects, including any data you have about the effectiveness of the control(s) in reducing pollutant concentrations. You may also attach photos of <b>your controls to this form</b> .  |
| Attachment 1<br>(Page E-23)  | Include a <b>map and a written description</b> of the action area of your facility, as required in <a href="#">Step 2 of Section E.45 of Appendix E</a> .   |
| Attachment 2<br>(Page E-24)  | List or attach the list(s) of species and critical habitat in your action area on this sheet, as required in <a href="#">Step 3 of Section E.46 of Appendix E</a> .   |

**Appendix G – Notice of Intent (NOI)**

| Permit Part  | Permit Text  |
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| Appendix G<br>Insert new question after<br>Question 7. | 7. Estimated area of industrial activity at your facility exposed to stormwater: _____ (to the nearest quarter acre)<br>8. Will you have stormwater discharges from paved surfaces that will be initially sealed or re-sealed with coal-tar sealcoat where industrial activities are located during coverage under this permit? <input type="checkbox"/> Yes <input type="checkbox"/> No |

### Appendix I – Annual Report

| Permit Part   | Permit Text  |
|---|--|
| Appendix I<br>D. General Findings<br>NPDES Form 6100-28<br>(Page I-2) | Provide a summary of your past year’s corrective action and/or <del>advanced</del> additional implementation measures (AIM) documentation (See Part 5.1.3 of the permit). (Note: If corrective action is not yet completed at the time of submission of this annual report, you must describe the status of any outstanding corrective action(s).) Note that you must modify your SWPPP based on the corrective actions and deadlines required under Part 5. Also describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that you are in compliance with the permit. |

### Appendix L - List of Tier 2, Tier 2.5, and Tier 3 Waters

| Permit Part   | Permit Text  |
|---|--|
| Paragraph 1<br>(Page L-1)                               | EPA’s MSGP has special requirements for discharges to waters designated by a state or tribe as Tier 2/2.5 or Tier 3 for antidegradation purposes under 40 CFR 131.12(a). See Parts 1.1.6.23 and 1.1.7.   |
| Table<br>State of New<br>Hampshire/Tier 2<br>(Page L-2) | All waters are Tier 2 except where listed as impaired for the most current approved assessment cycle. GIS maps are available in cycle specific Surface Water Quality Assessment Viewer at:<br><a href="https://nhdes.maps.arcgis.com/apps/webappviewer/index.html?id=aa5a11f8b8e341058fe031701a2fb3e9">https://nhdes.maps.arcgis.com/apps/webappviewer/index.html?id=aa5a11f8b8e341058fe031701a2fb3e9</a> <a href="https://nhdes-surface-water-quality-assessment-site-nhdes.hub.arcgis.com/">https://nhdes-surface-water-quality-assessment-site-nhdes.hub.arcgis.com/</a> and, using the NHDES Assessment Unit ID assigned to the waterbody, referencing the appropriate Watershed Report Card (based on the 305(b)/303(d) Assessment). Waterbodies included in Categories “4A-*” or “5-*” are impaired and therefore not designated as Tier 2 waters. |

| Permit Part  | Permit Text   |
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|  | <p>The assessment status of waterbodies is also included in the biennial 303(d) Lists available in spreadsheet <del>and PDF</del> format at: <del><a href="https://www.des.nh.gov/resource-center/publications?keys=303%28d%29+List&amp;purpose=&amp;subcatego">https://www.des.nh.gov/resource-center/publications?keys=303%28d%29+List&amp;purpose=&amp;subcatego</a></del><del><a href="https://www.des.nh.gov/water/rivers-and-lakes/water-quality-assessment/swqa-publications#faq38801">https://www.des.nh.gov/water/rivers-and-lakes/water-quality-assessment/swqa-publications#faq38801</a></del>. As of Effective Date of this Permit, the following assessment cycles are approved for the waterbodies indicated (however, operators must check for any more recently approved cycles at the time of filing an NOI; i.e., the 2020 303(d) List will apply to all waterbodies once approved):</p> <p>For discharges into the following waters, reference the 2012 305(b)/303(d) List, <del>available at:</del></p> <p>Little Bay, Bellamy River, Upper Piscataqua River, Portsmouth Harbor, Little Harbor/Back Channel and Great Bay assessment zones; and the Upper Portsmouth Harbor, Great Bay Prohib SZ2, and Great Bay-Cond Appr assessment units.</p> <p>For discharges into all other waters, reference the 2018 303(d) List. <del>available at:</del> <del><a href="https://www.des.nh.gov/resourcecenter/publications?keys=2018+status&amp;purpose=&amp;subcategory=Watershed+Management">https://www.des.nh.gov/resourcecenter/publications?keys=2018+status&amp;purpose=&amp;subcategory=Watershed+Management</a></del></p> |
| <p>Table<br/>State of New Hampshire,<br/>Tier 3<br/>(Page L-3)</p> | <p>Listed as an Outstanding Resource Water (ORW). Env-Ws 1708.04(a) describes that surface waters of national forests and surface waters designated as “natural” under RSA 483:7-a, I shall be considered outstanding resource waters (ORWs). A list of ORWs/Tier 3 waters is available at: <a href="https://www.des.nh.gov/resource-center/publications?keys=cgp&amp;purpose=&amp;subcategory=Watershed+Management">https://www.des.nh.gov/resource-center/publications?keys=cgp&amp;purpose=&amp;subcategory=Watershed+Management</a>.</p> <p>If so indicated on this list, review the NHDES OneStop Data Mapper at: <a href="https://www4.des.state.nh.us/onestopdatamapper/onestopmapper.aspx">https://www4.des.state.nh.us/onestopdatamapper/onestopmapper.aspx</a>.</p> <p>Waterbodies not identified on the list or map are not ORWs.</p> <p><del>Env Wq 1708.04(a) Surface waters of national forests and surface waters designated as “natural” under RSA 483:7-a, shall be considered outstanding resource waters (ORW). The New Hampshire waters listed as ORW can be found along with a list of impaired waters at <a href="https://www.des.nh.gov/organization/divisions/water/storm-water/documents/impaired-tmdl-orw-listcgp">https://www.des.nh.gov/organization/divisions/water/storm-water/documents/impaired-tmdl-orw-listcgp</a></del></p>  |

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|             | <del>msgp.xlsx. New dischargers and new sources should contact David J. Gray (EPA Region 1's MSGP coordinator at gray.davidj@epa.gov).</del> |