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**TABLE 2 TO SUBPART YYY--APPLICABILITY OF
40 CFR PART 60 GENERAL PROVISIONS TO SUBPART YYY**

| Reference | Applies to subpart YYY | Subject/Comment |
|----------------------------|------------------------|--|
| 60.1 | Yes | Applicability. |
| 60.2 | Yes | Definitions. If a term is defined in both the General Provisions and subpart YYY, the definition in subpart YYY shall override the definition in the General provisions. |
| 60.3 | Yes | Units and abbreviations. |
| 60.4 | Yes | Address. |
| 60.5 | Yes | Determination of construction or modification. |
| 60.6 | Yes | Review of plans. |
| 60.7(a)(1) | Yes | Submit a notification of the date construction or reconstruction commences. |
| 60.7(a)(2) | No | Paragraph [Reserved] |
| 60.7(a)(3) | Yes | Submit a notification of actual date of initial startup. |
| 60.7(a)(4) | Yes | Submit a notification of any physical or operational change to an existing facility which increases the emission rate of any air pollutant. |
| 60.7(a)(5) | No | Continuous monitoring requirements and associated reporting and recordkeeping are specified in §§60.781, 60.784, and 60.785 of subpart YYY. |
| 60.7(a)(6) - 60.7(a)(7) | No | Subpart YYY is not an opacity standard. |

TABLE 2 TO SUBPART YYY--Continued

| Reference | Applies to subpart YYY | Subject/Comment |
|-----------------------|------------------------|--|
| 60.7(b) | No | §60.785(f)(7) of subpart YYY specifies which records to maintain to document periods of start-up, shutdown, or malfunction; and periods when a continuous monitoring system is inoperative. |
| 60.7(c), (d), and (e) | No | The semiannual report required in §60.784(d) includes reports of all excursions and all periods when monitoring parameters are above the maximum or below the minimum established value. §60.784(e) specifies semiannual reporting for treatment processes. Excess emissions are discussed and defined in §60.787(a)(3) and must be recorded in the start-up, shutdown, and malfunction plan as specified in §60.787(b). |
| 60.7(f) | No | §60.785 specifies data retention and the types of records that must be maintained. |
| 60.7(g) - (h) | Yes | |
| 60.8 | No | The performance testing requirements in 40 CFR 63.7 apply to subpart YYY as specified in Table 2a of this subpart. |
| 60.9 | Yes | Availability of information. |
| 60.10 | Yes | State authority. |

TABLE 2 TO SUBPART YYY--Continued

| Reference | Applies to subpart YYY | Subject/Comment |
|------------------------------|------------------------|--|
| 60.11 | No | Subpart YYY is not an opacity standard. Operation and maintenance requirements are specified throughout subpart YYY. |
| 60.12 | Yes | Circumvention. |
| 60.13(a) | No | Continuous monitoring requirements are specified in §60.781. |
| 60.13(b) | Yes | Except use 40 CFR 63.11 in place of the §60.8 reference to performance tests. |
| 60.13(c) - (d) | No | Opacity and continuous emission monitoring not required in subpart YYY. |
| 60.13(e) | No | Monitoring frequency is specified in §60.781. |
| 60.13(f) | Yes | Except §60.781(f), which pertains to installation, calibration, and maintenance of monitoring equipment, also applies. |
| 60.13(g) | No | The locations to install CMS are specified in §60.781. |
| 60.13(h) | No | Provisions explaining how to calculate continuous parameter monitoring values are specified in §60.785(f). |
| 60.13(i)(1) - (i)(7), (i)(9) | Yes | Alternatives to monitoring methods or procedures must be approved by the Administrator. |

TABLE 2 TO SUBPART YYY--Continued

| Reference | Applies to subpart YYY | Subject/Comment |
|---------------------|------------------------|---|
| 60.13(i)(8) | No | Opacity monitoring not required in subpart YYY. |
| 60.13(j) | No | Continuous emission monitoring not required in subpart YYY. |
| 60.14(a) | No | A modification is determined as specified in §60.772(b). |
| 60.14(b) | No | organic wastewater compound emissions are determined as specified in §60.772(f). |
| 60.14(c) | No | |
| 60.14(d) | No | [Reserved] |
| 60.14(e) | No | Types of physical and operational changes that are not modifications are specified in §60.772(c). |
| 60.14(f) - (g) | Yes | |
| 60.14(h) - 60.14(l) | Yes | List of changes and projects that are exempt from modification provisions. |
| 60.15 | Yes | Except §60.772(k) specifies additional requirements for "fixed capital cost of the new components." |
| 60.16 | Yes | Prioritized major source categories. |
| 60.17 | Yes | Incorporations by reference. |
| 60.18 | Yes | |

TABLE 2 TO SUBPART YYY--Concluded

| Reference | Applies to subpart YYY | Subject/Comment |
|-----------|------------------------|--|
| 60.19 | Yes | General notification and reporting requirements. |

TABLE 3a TO SUBPART YYY-REFERENCE RULES FOR CONTROL OF WASTEWATER TANKS, SURFACE IMPOUNDMENTS, CONTAINERS, INDIVIDUAL DRAIN SYSTEMS, AND OIL-WATER SEPARATORS (§60.774)

| Unit Operation | Part 63, Subpart G (HON) | Part 63 (Standard-standards) | Part 264, Subpart CC (RCRA CC) | Part 265, Subpart CC (RCRA CC) | Part 61, Subpart FF (Benzene Waste) |
|--------------------------|--------------------------|---|--------------------------------|--------------------------------|-------------------------------------|
| Wastewater Tanks | §63.133 | ---- | §264.1084 | §265.1085 | §61.343 |
| Surface Impoundments | §63.134 | §§63.942 and 63.943 of Subpart QQ | §264.1085 | §265.1086 | §61.344 |
| Containers | §63.135 | §§63.922 and 63.923 of Subpart PP | §264.1086 | §265.1087 | §61.345 |
| Individual Drain Systems | §63.136 | §63.962 of Subpart RR | ---- | ---- | §61.346 |
| Oil-water Separators | §63.137 | §§63.1042, 63.1043, and 63.1044 of Subpart VV | ---- | ---- | §61.347 |

**TABLE 3b TO SUBPART YYY - REQUIREMENTS FOR COMPLYING WITH THE WASTE MANAGEMENT UNIT
REQUIREMENTS IN §60.774**

| For reference rule . . . | Comply with the following requirements in 40 CFR subpart . . . | | | | | | |
|--------------------------------------|--|--------------------------|---|--|-----------------------------|---|---|
| | for control standards | for control devices | for leak inspection, close vent systems, covers, and openings | for inspection for improper work practices | for delay of repair | for reporting | for recordkeeping |
| HON | §§63.133-63.137 | §60.780 OR §63.139 | §60.786 OR §63.148 | §60.781 OR §63.143 | §60.777 OR §63.140 | §60.784 OR §63.146 and § 60.784 (c)(4) and (c)(5) | §60.785 OR §63.147 and §60.785(c)(1) and (c)(7) |
| standard-standards (SI) ¹ | §§63.942 and 63.943 of subpart QQ | §60.780 | §60.786 OR §63.946 | §60.781 OR §63.946 | §60.777 OR §63.946(c) | §60.784 OR §63.948 and §60.784 (c)(4) and (c)(5) | §60.785 OR §63.947 and §60.785(c)(1) and (c)(7) |
| standard-standards (C) ³ | §§63.922 and 63.923 of subpart PP | §60.780 | §60.786 OR §63.926 | §60.781 OR §63.926 | §60.777 OR §63.926 | §60.784 OR §§63. and 60.784 (c)(4) and (c)(5) | §60.785 OR §63. and §60.785(c)(1) and (c)(7) |

¹SI means surface impoundment.

**TABLE 3b TO SUBPART YYY - REQUIREMENTS FOR COMPLYING WITH THE WASTE MANAGEMENT UNIT
REQUIREMENTS IN §60.774 (Continued)**

| | | | | | | | |
|---------------------------------------|--|---------------------|---|--|------------------------------|---|--|
| For reference rule . . . | Comply with the following requirements in 40 CFR subpart . . . | | | | | | |
| | for control standards | for control devices | for leak inspection, close vent systems, covers, and openings | for inspection for improper work practices | for delay of repair | for reporting | for recordkeeping |
| standard-standards (IDS) ² | §63.962 of subpart RR | §60.780 | §60.786 OR §63.962 | §60.781 OR §63.964 | §60.777 OR §63.964(b) | §60.784 OR §§63.966 and 60.784 (c)(4) and (c)(5) | §60.785 OR §63.965 and §60.785(c)(1) and (c)(7) |
| standard-standards (OWS) ³ | §§63.1042, 63.1043, and 63.1044 of subpart VV | §60.780 | §60.786 OR §63.1046 | §60.781 OR §63.1047 | §60.777 OR §63.1047(d) | §60.784 OR §§63.1049 and 60.784 (c)(4) and (c)(5) | §60.785 OR §63.1048 and §60.785(c)(1) and (c)(7) |

²IDS means individual drain system.

³C Means container

³OWS means oil-water separator.

TABLE 3b TO SUBPART YYY - REQUIREMENTS FOR COMPLYING WITH THE WASTE MANAGEMENT UNIT REQUIREMENTS IN §60.774 (Continued)

| For reference rule . . . | Comply with the following requirements in 40 CFR subpart . . . | | | | | | |
|--------------------------|--|----------------------------|---|--|---|--|---|
| | for control standards | for control devices | for leak inspection, close vent systems, covers, and openings | for inspection for improper work practices | for delay of repair | for reporting | for recordkeeping |
| part 264, subpart CC | §§264.1084-264.1086 | §60.780 OR §264.1087 | §60.786 OR §264.1087 | §60.781 OR §§264.1088 and 264.1089 | §60.777 OR §§264.1084 (k), 264.1085(f), and 264.1086(c)(4)(iii) and (d)(4)(iii) | §60.784 OR §264.1090 and §60.784(c)(4) and (c)(5) | §60.785 OR §264.1089 and §60.785(c)(1) and (c)(7) |
| part 265, subpart CC | §§265.1085-264.1087 | §60.780 OR §265.1088 | §60.786 OR §265.1088 | §60.781 OR §§265.1089 and 265.1090 | §60.777 OR §§265.1085 (k), 265.1086(f), and 265.1087 (d)(4)(iii) | §60.784 OR §265.1091 and §60.784 (c)(4) and (c)(5) | §60.785 OR §265.1090 and §60.785(c)(1) and (c)(7) |

**TABLE 3b TO SUBPART YYY - REQUIREMENTS FOR COMPLYING WITH THE WASTE MANAGEMENT UNIT
REQUIREMENTS IN §60.774 (Concluded)**

| | | | | | | | |
|--------------------------|--|--------------------------|---|--|--------------------------|--|---|
| For reference rule . . . | Comply with the following requirements in 40 CFR subpart . . . | | | | | | |
| | for control standards | for control devices | for leak inspection, close vent systems, covers, and openings | for inspection for improper work practices | for delay of repair | for reporting | for recordkeeping |
| part 61, subpart FF | §§61.343-61.347 | §60.780 OR §61.349 | §60.786 OR §63.148 | §60.781 OR §§61.354 and 61.355(h) | §60.777 OR §61.350 | §60.784 OR §61.357 and §60.784 (c)(4) and (c)(5) | §60.785 OR §61.356 and §60.785(c)(1) and (c)(7) |

**TABLE 4 TO SUBPART YYY--CONTROL REQUIREMENTS FOR
WASTEWATER TANKS REQUIRING CONTROLS**

| Capacity (m ³) | Vapor Pressure (kPa) | Control Requirements |
|----------------------------|----------------------|-----------------------------|
| <75 | any vapor pressure | FR, IFR, EFR, or CVS and CD |
| ≥75 and <151 | <13.1 | FR, IFR, EFR, or CVS and CD |
| | ≥13.1 | IFR, EFR, or CVS and CD |
| ≥151 | <5.2 | FR, IFR, EFR, or CVS and CD |
| | ≥5.2 | IFR, EFR, or CVS and CD |

FR means fixed roof requirements in the applicable compliance option.

IFR means internal floating roof requirements in the applicable compliance option.

EFR means external floating roof requirements in the applicable compliance option.

CVS and CD means closed-vent system routed to a control device requirements in the applicable compliance option.

**TABLE 5a TO SUBPART YYY--
CONFORMING TERMS FOR USE WITH §60.774**

| If you read... | in 40 CFR, section(s)... ^a | then the following term shall apply for the purposes of this subpart: |
|--|---|--|
| air emissions | 63.922 63.923 63.942 63.943 63.946 63.962 63.964 63.1042 63.1043 63.1044 | organic wastewater compound emissions |
| air pollutant emissions | 264.1084 264.1085 264.1086 265.1085 265.1086 265.1087 | |
| benzene emissions | 61.356(g) 61.357(d)(8) | |
| organic emissions | 61.349 63.1046 264.1084 264.1085 264.1086 265.1085 265.1086 265.1087 | |
| organic hazardous air pollutant(s) emissions <u>or</u> organic HAP emissions | 63.133 63.139 | |

TABLE 5a TO SUBPART YYY--Continued

| If you read... | in 40 CFR, section(s)... ^a | then the following term shall apply for the purposes of this subpart: |
|--|---|---|
| air emission(s) control equipment | 63.942 63.943 63.946 63.962 | organic wastewater compound emission(s) control equipment |
| benzene <u>or</u> organic(s) <u>or</u> organic compounds | 61.354(c) and (d) 61.356(j)(8) 61.356(j)(9) 61.357(d)(7)(iv)(D) 264.1087 265.1088 | organic wastewater compound |
| organic hazardous air pollutants | 63.147 | |
| organic vapors | 63.962 | |
| hazardous waste | 264.1084 264.1085 264.1086 264.1089 265.1085 265.1086 265.1087 265.1090 | wastewater or residual |
| waste | 61.349(b) | |
| waste stream | 61.343 61.344 61.345 61.346 61.347 | |

TABLE 5a TO SUBPART YYY--Continued

| If you read... | in 40 CFR, section(s)... ^a | then the following term shall apply for the purposes of this subpart: |
|---|--|---|
| individual organic constituent(s) <u>or</u> organic constituent(s) maximum organic concentration | 63.925 63.945 63.925 63.945 | individual organic wastewater compound constituents <u>or</u> organic wastewater compound constituents maximum organic wastewater compound concentration |
| maximum organic vapor pressure | 61.343 264.1084 264.1089 265.1085 265.1090 | maximum true vapor pressure, as defined in 60.771 |
| no detectable organic emissions | 63.925 | no detectable organic wastewater compound emissions |
| organic HAP concentration <u>or</u> organic hazardous air pollutants concentration | 63.139 63.925 63.945 63.1046 | organic wastewater compound concentration |
| organic HAP vapors <u>or</u> organic hazardous air pollutant(s) vapors | 63.133 63.135 63.137 | organic wastewater compound vapors |
| organic vapors | 63.692 | |
| organic vapor leakage | 63.925 63.1046 | organic wastewater compound leakage |

TABLE 5a TO SUBPART YYY--Concluded

| If you read... | in 40 CFR, section(s)... ^a | then the following term shall apply for the purposes of this subpart: |
|--------------------------------------|--|---|
| organic vapor permeability | 63.922 63.923 63.942 63.943 | organic wastewater compound vapor permeability <u>or</u> VOC permeability |
| organic vapor-suppressing barrier | 63.922 63.923 | organic wastewater compound vapor-suppressing barrier |
| organic vapor-suppressing foam | 63.922 63.923 | organic wastewater compound vapor-suppressing foam |
| tank | 264.1084 264.1085 264.1086 265.1085 265.1086 265.1087 | wastewater tank |
| total organic compound concentration | 61.349 | total organic wastewater compound concentration |

^a Citation for references may not be exactly as stated in rule, but are the equivalent citation. For example, the rule may read "§63.138 of this subpart" and this table lists "40 CFR 63.138." These are equivalent and the table applies to both.

**TABLE 5b TO SUBPART YYY-CONFORMING CROSS-REFERENCES FOR USE WITH
§60.774**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|---|---|---|
| <u>HON, Subpart G</u> | | |
| 63.102(b), The determination of equivalence criteria, | 63.133 and 63.137 | 60.787(c) |
| 63.152(b), The Notice of Compliance Status requirements, | 63.133, 63.137, 63.146 | 60.784(c) |
| 63.138, Performance standards for treatment processes, | 63.139, 63.143 63.146 | 60.779 |
| 63.145(i), Performance tests for control devices other than flares, | 63.139 | 60.783(i) |
| 63.145(j), Compliance demonstration for flares, | 63.139 | 60.783(j) |
| 63.101, Definitions, | 63.143 | 60.771 and 60.774(d) |
| 63.111, Definitions, | 63.143 | 60.771 and 60.774(d) |

**TABLE 5b TO SUBPART YYY—CONFORMING CROSS-REFERENCES FOR
USE WITH §60.774 (Continued)**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|--|---|---|
| 63.151(f), Request for approval to monitor alternate parameters | 63.143, 63.146 | 60.784(b) |
| Table 11 of the appendix to subpart G to part 63, inspection requirements, | 63.136 63.146 | Table 11 of the appendix to subpart G to part 63 |
| 63.152(c), Periodic reports applicable to waste management units | 63.146 | 60.784(d) |
| 63.132(g), Third-party treatment requirements, | 63.147 | 60.773(e) |
| 63.144(b)(3) or (c)(1), Process knowledge | 63.147 | 60.782(b)(3) or (c)(1) |
| 63.152(f), Continuous records, | 63.147 | 60.785(f) |

**TABLE 5b TO SUBPART YYY—CONFORMING CROSS-REFERENCES FOR
USE WITH §60.774 (Continued)**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|--|---|---|
| 63.139, Control device requirements | 63.133, 63.134, 63.135, 63.136, or 63.137 | 63.139 or 60.780 |
| 63.140, Delay of repair | 63.133, 63.134, 63.135, 63.136, or 63.137 | 63.140 or 60.777 |
| 63.143, Inspections and monitoring of operations, | 63.133, 63.134, 63.135, 63.136, or 63.137 | 63.143 or 60.781 |
| 63.148, Leak inspections | 63.133, 63.134, 63.135, 63.136, or 63.137 | 63.148 or 60.786 |
| Table 10 of the appendix to subpart G to part 63, compliance options for wastewater tanks, | 63.133 | Table 4 to subpart YYY to part 60 |
| <u>Std-Std,Standards for Containers, Subpart PP</u> | | |
| 63.921, Definitions, | 63.922 63.923 | 60.771 and 60.774(d) |

**TABLE 5b TO SUBPART YYY—CONFORMING CROSS-REFERENCES FOR
USE WITH §60.774 (Continued)**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|--|---|---|
| 63.926(a), Requirements for measuring no detectable organic emissions, | 63.922 | 60.786 |
| <u>Std-Std, Standards for Surface Impoundments, Subpart QQ</u> | | |
| 63.941, Definitions | 63.942 63.943 | 60.771 and 60.774(d) |
| 63.693, Closed-vent system and control device, | 63.942 63.943(b)(4) 63.962 63.963 63.964 63.1044(b)(4) | 60.780 and 60.786 |
| 63.693, Closed-vent system and control device inspection and monitoring requirements | 63.946 | 60.781 |
| 63.693, Closed-vent system and control device recordkeeping requirements | 63.947 63.1048(c) | 60.785 |

**TABLE 5b TO SUBPART YYY—CONFORMING CROSS-REFERENCES FOR
USE WITH §60.774 (Continued)**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|--|---|---|
| 63.693, Closed-vent system and closed vent system reporting requirements | 63.948 63.1049(b) | 60.784 |
| 63.945(a), Requirements for no detectable emissions, | 63.943 | 60.786 |
| 63.946(a), Inspection Provisions, | 63.942 | 60.786 |
| 63.947(a)(2), Recordkeeping | 63.946 | 60.785 |
| <u>Std-Std, Standards for Individual Drain Systems, Subpart RR</u> | | |
| 63.965(a) or (a)(3), Record of inspection, | 63.964 | 60.785 |
| <u>Std-Std, Standards for Oil-Water Separators, Subpart VV</u> | | |
| 63.1041, Definitions | 63.1042, 63.1043, 63.1044 | 60.771 and 60.774(d) |
| 63.1046(a), No detectable organic emissions, | 63.1042 63.1043 63.1044 | 60.786 |

**TABLE 5b TO SUBPART YYY—CONFORMING CROSS-REFERENCES FOR
USE WITH §60.774 (Continued)**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|--|---|---|
| <u>RCRA, part 264, Subpart CC</u> | | |
| 264.1081, Definitions, | 264.1084 264.1085 264.1086 | 60.771 and 60.774(d) |
| 264.1033(e) Flare compliance with visible emissions | 264.1087(c)(5)(ii) | 60.783(j) |
| 264.1034(c)(1) through (c)(4) Performance Test | 264.1087(c)(5)(iii) | 60.783 |
| 264.1087, Closed-vent systems and control devices, | 264.1084 264.1085 264.1086 | 60.780 and 60.786 |
| 264.1084(k), 264.1085(f), 264.1086(c)(4)(i ii) and (d)(4)(iii), delay of repair | 264.1084 264.1085 264.1086 | 60.777 |
| 264.1084, 264.1085, 264.1086 Inspection and monitoring provisions | 264.1088 | 60.781 |

**TABLE 5b TO SUBPART YYY—CONFORMING CROSS-REFERENCES FOR
USE WITH §60.774 (Continued)**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|--|---|---|
| 264.1089, Recordkeeping, | 264.1084 264.1085 264.1086 | 60.785 |
| 264.1083(d), Leak inspections, | 264.1084(h)(2) 264.1085(d)(1)(ii) 264.1086(g) | 60.786 |
| <u>RCRA, part 265, subpart CC</u> | | |
| 265.1081, Definitions, | 265.1085 265.1086 265.1087 | 60.771 and 60.774(d) |
| 265.1033(e) Flare compliance with visible emissions | 265.1088(c)(5)(ii) | 60.783(j) |
| 265.1034(c)(1) through (c)(4) Performance Tests | 265.1088(c)(5)(iii) | 60.783 |
| 265.1088, Closed-vent systems and control devices, | 265.1085 265.1086 265.1087 | 60.780 and 60.786 |
| 265.1085(k), 265.1086(f), 265.1087(d)(4)(i ii), Delay of repair, | 265.1085 265.1086 265.1087 | 60.781 or 60.777 |

**TABLE 5b TO SUBPART YYY—CONFORMING CROSS-REFERENCES FOR
USE WITH §60.774 (Concluded)**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|--|---|---|
| 265.1085, 265.1086, and 265.1087, Inspection and monitoring requirements, | 265.1089 | 60.781 |
| 265.1090, Recordkeeping, | 265.1085 265.1086 265.1087 | 60.785 |
| 265.1084(d), Leak inspection provisions, | 265.1085(h)(2) 265.1086(d)(1)(ii) 265.1087(g) | 60.786 |
| <u>Benzene Waste</u> part 60, Appendix A, Method 18 | 61.349(a)(2)(i)(B) | 60.783 |
| 60.18, General control device requirement, | 61.349(a)(2)(iii) 61.354(c)(3) | 60.783(j) |
| 61.349(c)(ii) | NA | 60.783 |
| 61.355, Test methods, procedures, and compliance provision, | 61.349 | 60.783 |

**TABLE 5b TO SUBPART YYY–CONFORMING CROSS-REFERENCES FOR
USE WITH §60.774 (Concluded)**

| When the following section in 40 CFR... | is referenced in 40 CFR, section(s) ... | then, for the purposes of this subpart, the following section(s) in 40 CFR... shall apply |
|--|---|---|
| 61.354(a) and (b), Monitoring of operations, | 61.354 | 60.781 |
| 61.349, Closed-vent systems and control devices, | 61.343 through 61.347 | 60.780 and 60.786 |
| 61.350, Delay of repair, | 61.343 through 61.347 | 60.777 |
| 61.355(h), Leak inspections, | 61.343 through 61.347 | 60.786 |

TABLE 6 TO SUBPART YYY--CONTROL REQUIREMENTS FOR ITEMS OF EQUIPMENT THAT MEET THE CRITERIA OF §60.775

| Item of Equipment | Control Requirement ^a |
|----------------------|---|
| Drain or drain hub | <p>(a) Tightly fitting solid cover (TFSC); or</p> <p>(b) TFSC with a vent to either a process, a fuel gas system, or a control device meeting the requirements of §60.780; or</p> <p>(c) Water seal with submerged discharge or barrier to protect discharge from wind.</p> |
| Manhole ^b | <p>(a) TFSC; or</p> <p>(b) TFSC with a vent to either a process, a fuel gas system, or a control device meeting the requirements of §60.780; or</p> <p>(c) If the item is vented to the atmosphere, use a TFSC with a properly operating water seal at the entrance or exit to the item to restrict ventilation in the collection system. The vent pipe shall be at least 90 cm in length and not exceeding 10.2 cm in nominal inside diameter.</p> |
| Lift station | <p>(a) TFSC; or</p> <p>(b) TFSC with a vent to either a process, a fuel gas system, or a control device meeting the requirements of §60.780; or</p> <p>(c) If the lift station is vented to the atmosphere, use a TFSC with a properly operating water seal at the entrance or exit to the item to restrict ventilation in the collection system. The vent pipe shall be at least 90 cm in length and not exceeding 10.2 cm in nominal inside diameter. The lift station shall be level controlled to minimize changes in the liquid level.</p> |

TABLE 6 TO SUBPART YYY--Continued

| Item of Equipment | Control Requirement ^a |
|-------------------|---|
| Trench | <p>(a) TFSC; or</p> <p>(b) TSFC with a vent to either a process, a fuel gas system, or a control device meeting the requirements of §60.780; or</p> <p>(c) If the item is vented to the atmosphere, use a TFSC with a properly operating water seal at the entrance or exit to the item to restrict ventilation in the collection system. The vent pipe shall be at least 90 cm in length and not exceeding 10.2 cm in nominal inside diameter.</p> |
| Pipe | Each pipe shall have no visible gaps in joints, seals, or other emission interfaces. |
| Separator | <p>(a) Equip with a fixed roof and route vapors to either a process or a fuel gas system, or equip with a closed-vent system that routes vapors to a control device meeting the requirements of §60.780; or</p> <p>(b) Equip with a floating roof that meets the equipment specifications of §60.693(a)(1)(i), (1)(ii), (2), (3), and (4).</p> |
| Tank ^c | Maintain a fixed roof ^d . If the tank is sparged ^e or used for heating or treating by means of an exothermic reaction, a fixed roof and a system shall be maintained that routes the organic wastewater compound vapors to other process equipment or to a fuel gas system, or to a closed-vent system that routes the organic wastewater compound vapors to a control device that meets the requirements of §60.780. |

TABLE 6 TO SUBPART YYY--Concluded

^a Where a TFSC is required, it shall be maintained with no visible gaps or openings, except during periods of sampling, inspection, or maintenance.

^b Manhole includes sumps and other points of access to a conveyance system.

^c Applies to tanks with capacities of 38 m³ or greater.

^d A fixed roof may have openings necessary for proper venting of the tank, such as a pressure/vacuum vent or j-pipe vent.

^e The liquid in the tank is agitated by injecting compressed air or gas.

TABLE 7 TO SUBPART YYY--MONITORING REQUIREMENTS FOR TREATMENT PROCESSES

| To Comply With | Parameters to be Monitored | Frequency | Methods |
|---|--|--|--|
| 1. Required mass removal of each organic treated in a properly operated biological treatment unit §§60.779(f) and (g) | Appropriate parameters as specified in §60.781(b) and approved by the permitting authority | Appropriate frequency as specified in §60.781(b) and as approved by the permitting authority | Appropriate methods as specified in §60.781(b) and as approved by the permitting authority |

TABLE 7 TO SUBPART YYY--Continued

| To Comply With | Parameters to be Monitored | Frequency | Methods |
|-------------------|--------------------------------|--------------|---|
| 2. Steam stripper | Steam flow rate | Continuously | Integrating steam flow monitoring device equipped with a continuous recorder |
| | Wastewater feed mass flow rate | Continuously | Liquid flow meter installed at stripper influent and equipped with a continuous recorder |
| | Wastewater feed temperature | Continuously | Liquid temperature monitoring device installed at stripper influent and equipped with a continuous recorder |

TABLE 7 TO SUBPART YYY--Concluded

| To Comply With | Parameters to be Monitored | Frequency | Methods |
|--------------------------------------|---|-----------|---------|
| 3. Alternative monitoring parameters | Other parameters may be monitored upon approval from the Administrator in accordance with the requirements specified in §60.781(c) | | |

TABLE 8 TO SUBPART YYY--MONITORING REQUIREMENTS FOR CONTROL DEVICES

| Control Device | Monitoring Equipment Required | Parameters to be Monitored | Frequency |
|---------------------|--|---|---|
| All control devices | 1. Flow indicator installed at all bypass lines to the atmosphere and equipped with a continuous recorder ^a <u>or</u> | 1. Diversion to the atmosphere from the control device, <u>or</u> | Hourly records of whether the flow indicator was operating and whether a diversion was detected at any time during each hour Record and report the times of all periods when emissions are diverted through a bypass line or the flow indicator is not operating |
| | 2. Valves sealed closed with car-seal or lock-and-key configuration | 2. Inspections of sealed valves | Monthly |

TABLE 8 TO SUBPART YYY-Continued

| Control Device | Monitoring Equipment Required | Parameters to be Monitored | Frequency |
|-----------------------|---|---|------------|
| Thermal Incinerator | Temperature monitoring device installed in firebox or in ductwork immediately downstream of firebox ^b and equipped with a continuous recorder ^a | Firebox temperature | Continuous |
| Catalytic Incinerator | Temperature monitoring device installed in gas stream immediately before and after catalyst bed and equipped with a continuous recorder ^a | <ol style="list-style-type: none"> 1. Temperature upstream and downstream of catalyst bed 2. Temperature difference across catalyst bed | Continuous |

TABLE 8 TO SUBPART YYY-Continued

| Control Device | Monitoring Equipment Required | Parameters to be Monitored | Frequency |
|---|--|---|--|
| Flare | Heat sensing device or equivalent device installed at the pilot light and equipped with a continuous recorder ^a | Presence of a flame at the pilot light | Hourly records of whether the monitor was continuously operating and whether the pilot flame was continuously present during each hour |
| Boiler or process heater <44 megawatts and vent stream is not mixed with the primary fuel | Temperature monitoring device installed in firebox ^b and equipped with a continuous recorder ^a | Combustion temperature | Continuous |
| Condenser | Temperature monitoring device installed at condenser exit and equipped with a continuous recorder ^a | Condenser exit (product side) temperature | Continuous |

TABLE 8 TO SUBPART YYY-Continued

| Control Device | Monitoring Equipment Required | Parameters to be Monitored | Frequency |
|--------------------------------|---|--|--|
| Carbon Adsorber (Regenerative) | Integrating regeneration stream flow monitoring device having an accuracy of ± 10 percent, <u>and</u> | 1. Total regeneration stream mass or volumetric flow during carbon bed regeneration cycle(s) | For each regeneration cycle, record the total regeneration stream mass or volumetric flow |
| | Carbon bed temperature monitoring device | 2. Temperature of carbon bed after regeneration [and within 15 minutes of completing any cooling cycle(s)] | For each regeneration cycle and within 15 minutes of completing any cooling cycle, record the carbon bed temperature |

TABLE 8 TO SUBPART YYY--Concluded

| Control Device | Monitoring Equipment Required | Parameters to be Monitored | Frequency |
|------------------------------------|---|--|--|
| Carbon Adsorber (Non-regenerative) | organic compound concentration monitoring device ^c | organic compound concentration of adsorber exhaust | Daily or at intervals no greater than 20 percent of the design carbon replacement interval, whichever is greater |
| Alternative monitoring parameters | Other parameters may be monitored upon approval from the Administrator in accordance with the requirements in §60.781(d)(3) | | |

^a "Continuous recorder" is defined in §60.771 of this subpart.

^b Monitor may be installed in the firebox or in the ductwork immediately downstream of the firebox before any substantial heat exchange is encountered.

^c As an alternative to conducting this monitoring, an owner or operator may replace the carbon in the carbon adsorption system with fresh carbon at a regular predetermined time interval that is less than the carbon replacement interval that is determined by the maximum design flow rate and organic concentration in the gas stream vented to the

TABLE 8 TO SUBPART YYY--Concluded

carbon adsorption system.

TABLE 9 TO SUBPART YYY--INFORMATION ON PROCESS WASTEWATER STREAMS TO BE SUBMITTED WITH NOTIFICATION OF COMPLIANCE STATUS^{a,b}

| Process Unit I.D Code ^c | Stream I.D. Code | Organic Wastewater Compound Conc. (ppmw) ^{d,e} | Flow Rate (lpm) ^{e,f} | Group 1 or Group 2 ^g | Compliance Approach ^h | Treatment Process(es) I.D. ⁱ | Waste Management Unit(s) I.D. | Intended Control Device |
|---------------------------------------|---------------------|---|-----------------------------------|---------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------|
|---------------------------------------|---------------------|---|-----------------------------------|---------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------|

^a The information specified in this Table 9 must be submitted; however, it may be submitted in any format. This Table 9 presents an example format.

^b Other requirements for the Notification of Compliance Status are specified in §60.784(c).

^c Also include a description of the process unit (e.g., benzene process unit).

^d Except when §60.773(c) is used, annual average concentration as specified in §60.773(b) and §60.782.

^e When §60.773(c) is used, indicate that the wastewater stream is a designated Group 1 wastewater stream.

^f Except when §60.773(c) is used, annual average flow rate as specified in §§60.773(b) and 60.782.

^g Indicate whether stream is Group 1 or Group 2.

^h Cite §60.779 compliance option used.

ⁱ Identification codes should correspond to those listed in Table 10 of this subpart.

**TABLE 10 TO SUBPART YYY--INFORMATION FOR TREATMENT PROCESSES TO BE
SUBMITTED WITH NOTIFICATION OF COMPLIANCE STATUS^{a,b}**

| Treatment Process Identification ^c | Description ^d | Wastewater Stream(s) Treated ^e | Monitoring Parameters ^f |
|--|--------------------------|--|---------------------------------------|
|--|--------------------------|--|---------------------------------------|

^a The information specified in this Table 10 must be submitted; however, it may be submitted in any format. This Table 10 presents an example format.

^b Other requirements for the Notification of Compliance Status are specified in §60.784(c) of this subpart.

^c Identification codes should correspond to those listed in Table 9 of this subpart.

^d Description of treatment process (e.g., steam stripper).

^e Stream identification code for each wastewater stream treated by each treatment unit. Identification codes should correspond to entries listed in Table 9 of this subpart.

^f Parameter(s) to be monitored or measured in accordance with Table 7 and §60.781 of this subpart.

**TABLE 11 TO SUBPART YYY--INFORMATION FOR WASTE MANAGEMENT UNITS
TO BE SUBMITTED WITH NOTIFICATION OF COMPLIANCE STATUS^{a,b}**

| Waste Management Unit Identification ^c | Description ^d | Wastewater Stream(s) Received or Managed ^e |
|--|--------------------------|--|
| | | |

- ^a The information specified in this Table 11 must be submitted; however, it may be submitted in any format. This Table 11 presents an example format.
- ^b Other requirements for the Notification of Compliance Status are specified in §60.784(c) of this subpart.
- ^c Identification codes should correspond to those listed in Table 9 of this subpart.
- ^d Description of waste management unit.
- ^e Stream identification code for each wastewater stream received or managed by each waste management unit. Identification codes should correspond to entries listed in Table 9 of this subpart.

**TABLE 12 TO SUBPART YYY--INFORMATION ON RESIDUALS TO BE SUBMITTED WITH
NOTIFICATION OF COMPLIANCE STATUS^{a,b}**

| Residual Identifi- cation ^c | Residual Descript ion ^d | Wastewater Stream Identifi- cation ^e | Treatment Process ^f | Fate ^g | Control Device Identificat ion Code | Control Device Description ^h | Control Device Efficiency ⁱ |
|--|--|--|-----------------------------------|-------------------|--|---|--|
|--|--|--|-----------------------------------|-------------------|--|---|--|

- ^a The information specified in this Table 12 must be submitted; however, it may be submitted in any format. This Table 12 presents an example format.
- ^b Other requirements for the Notification of Compliance Status are specified in §60.784(c) of this subpart.
- ^c Name or identification code of residual removed from Group 1 wastewater stream.
- ^d Description of residual (e.g., steam stripper A-13 overhead condensates).
- ^e Identification of stream from which residual is removed.
- ^f Treatment process from which residual originates.
- ^g Indicate whether residual is sold, returned to production process, or returned to waste management unit or treatment process; or whether organic wastewater compound mass of residual is destroyed by 99 percent.
- ^h If the fate of the residual is such that the organic wastewater compound mass is destroyed by 99 percent, give description of device used for organic wastewater compound destruction.
- ⁱ If the fate of the residual is such that the organic wastewater compound mass is destroyed by 99 percent, provide an estimate of control device efficiency and attach substantiation in accordance

with §60.784(c)(6) of this subpart.

**TABLE 13 TO SUBPART YYY--SEMIANNUAL REPORTING REQUIREMENTS FOR CONTROL DEVICES
(see §60.784(f))**

| Control Device | Reporting Requirements |
|--|--|
| Thermal Incinerator | <ol style="list-style-type: none"> 1. Report all daily average^a temperatures that are above the maximum or below the minimum operating parameter value established in the NCS^b or operating permit and all operating days when insufficient monitoring data are collected^c |
| Catalytic Incinerator | <ol style="list-style-type: none"> 1. Report all daily average^a upstream temperatures that are above the maximum or below the minimum operating parameter value established in the NCS^b or operating permit 2. Report all daily average^a temperature differences across the catalyst bed that are above the maximum or below the minimum operating parameter value established in the NCS^b or operating permit 3. Report all operating days when insufficient monitoring data are collected^c |
| Boiler or Process Heater with a design heat input capacity less than 44 megawatts and vent stream is not mixed with the primary fuel | <ol style="list-style-type: none"> 1. Report all daily average^a firebox temperatures that are above the maximum or below the minimum operating parameter value established in the NCS^b or operating permit and all operating days when insufficient monitoring data are collected^c |

TABLE 13 TO SUBPART YYY--CONTINUED

| Control Device | Reporting Requirements |
|-----------------------------------|--|
| Flare | 1. Report the duration of all periods when all pilot flames are absent |
| Condenser | 1. Report all daily average ^a exit temperatures that are above the maximum or below the minimum operating parameter value established in the NCS ^b or operating permit and all operating days when insufficient monitoring data are collected ^c |
| Carbon Adsorber (Regenerative) | <p>1. Report all carbon bed regeneration cycles when the total regeneration stream mass or volumetric flow is above the maximum or below the minimum operating parameter value established in the NCS^b or operating permit</p> <p>2. Report all carbon bed regeneration cycles during which the temperature of the carbon bed after regeneration is above the maximum or below the minimum operating parameter value established in the NCS^b or operating permit</p> <p>3. Report all operating days when insufficient monitoring data are collected^c</p> |

TABLE 13 TO SUBPART YYY--Concluded

| Control Device | Reporting Requirements |
|---------------------------------------|--|
| Carbon Adsorber (Non-Regenerative) | <ol style="list-style-type: none"> 1. Report all operating days when inspections are not done according to the schedule developed as specified in Table 8 of this subpart 2. Report all operating days when carbon has not been replaced at the frequency specified in Table 8 of this subpart |
| All Control Devices | <ol style="list-style-type: none"> 1. Report the times and durations of all periods when the vent stream is diverted through a bypass line or the monitor is not operating, or 2. Report all monthly inspections that show the valves are moved to the diverting position or the seal has been changed |

^a The daily average is the average of all values recorded during the operating day, as specified in §60.785(f) of this subpart.

^b NCS = Notification of Compliance Status described in §60.784(c) of this subpart.

^c The semiannual reports shall include the duration of periods when monitoring data are not collected for each excursion as defined in §60.784(d)(3) of this subpart.

TABLE 14 TO SUBPART YYY--COMPOUND AND DEFAULT BIORATES USED FOR COMPLIANCE DEMONSTRATIONS FOR ENHANCED BIOLOGICAL TREATMENT PROCESSES (SEE §60.783(h))

| Compound Name | BIORATE, K1 L/g MLVSS-hr |
|---|-----------------------------|
| Acetonitrile | 0.100 |
| Acetophenone | 0.538 |
| Acrylonitrile | 0.750 |
| Biphenyl | 5.643 |
| Chlorobenzene | 10.000 |
| Dichloroethyl Ether (bis (2-chloroethyl ether)) | 0.246 |
| Diethyl Sulfate | .0105 |
| Dimethyl Hydrazine (1,1-) | 0.227 |
| Dimethyl Sulfate | 0.178 |
| Dinitrophenol (2,4-) | 0.620 |
| Dinitrotoluene (2,4-) | 0.784 |
| Dioxane (1,4-) (1,4-diethylene oxide) | 0.393 |
| Ethylene Glycol Dimethyl Ether | 0.364 |
| Ethylene Glycol Monobutyl Ether Acetate | 0.496 |
| Ethylene Glycol Monomethyl Ether Acetate | 0.159 |
| Hexachlorobenzene | 16.179 |
| Isophorone | 0.598 |
| Methanol | 0.200 |
| Methyl Methacrylate | 4.300 |
| Nitrobenzene | 2.300 |
| Toluidine (-o) | 0.859 |
| Trichlorobenzene (1,2,4-) | 4.393 |
| Trichlorophenol (2,4,5-) | 4.477 |

| Compound Name | BIORATE, K1 L/g MLVSS-hr |
|---------------|-----------------------------|
| Triethylamine | 1.064 |