

2.2.9 Control of Pollution

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Appendix A– Definitions

The following definitions apply to this permit. Terms not defined in this Appendix have the meaning given by 40 CFR §133.2. Where a defined term appears in a definition, the defined term is placed in quotation marks as an aid to readers.

“Active Substance” means a substance or organism, including a virus or a fungus, that has a general or specific action on or against harmful aquatic organisms and land pathogens. *Source: BW*

“Agriculture” means the raising of crops or livestock.

“Aquatic Organism” means any animal, plant, or microorganism that lives in or on water, including any stage of its life cycle.

“Biosolids” means the solid residue from the biological treatment of wastewater, including the residue from the treatment of industrial wastewater.

“Biosolids Application” means the application of biosolids to land, including the application of biosolids to a water body.

“Biosolids Storage” means the storage of biosolids.

“Biosolids Treatment” means the treatment of biosolids, including the treatment of biosolids by composting, incineration, or other means.

“Biosolids Water Quality” means the total water quality of any water body.

“Charging” means water, including any multi-use tanks, space or compartment designed to allow carrying

“Clear Water” means water that is free of any visible solids.

“Construction” means the construction of any structure, including any structure for the purpose of carrying

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carbon production of at least 60 percent of the theoretical carbon dioxide, or consumption of at least 60 percent of the theoretical oxygen demand within 28 days.

Acceptable test methods include Organization for Economic Cooperation and Development Test Guidelines 301 A-F, 302, 303, and 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

formulation that does not meet the above biodegradability requirements, 10% (w/w) of the formulation may be nonbiodegradable (but not bioaccumulative) while the remainder must be inherently biodegradable. For grease formulations, the 25% (w/w) of the formulation that does not meet the above biodegradability requirements, the constituents must be either inherently biodegradable or non-biodegradable, but may not be bioaccumulative.

Acceptable test methods to demonstrate inherent biodegradability include OECD Test Guidelines 302C (>70% biodegradation after 28 days) or OECD Test Guidelines 301 A-F (>20% but <60% biodegradation after 28 days).

- Regarding cleaning products, biodegradable means products that demonstrate removal of at least 70 percent of dissolved organic carbon, production of at least 70 percent of the theoretical carbon dioxide, or consumption of at least 70 percent of the theoretical oxygen demand within 28 days.

(iii) all "Active Substance" or "Biocide" data (e.g., the full data package as submitted to the International Maritime Organization for approval) have all been made available to the US EPA.

"Discharge Incidental to the Normal Operation of a Vessel" means those discharges that are selected for the VGP's permitting program by operation of the VGP's permit.

seawater (brine) produced as a by-product of the processes used to generate freshwater from seawater. (source: 40 CFR 8170.30-7)

by-product of the process

"drydocking" for purposes of the VGP, means the next scheduled drydocking, consistent with the requirements of 46 CFR 31.10-21 (typically, at least every five years or sooner). In the context of ballast water implementation schedule, it means hauling out, or a vessel or placing a vessel in a drydock or slipway for an examination of all accessible parts of the vessel's underwater body and all through-hull fittings and does not include emergency drydocking and emergency hull repairs.

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means lubricants that are "biodegradable" and "non-accumulative" as defined in this permit. For purposes of the permit's definitions of being an "Environmentally Acceptable Lubricant," the following labeling programs: Blue Angel, European Ecolabel, Nordic Ecolabel, North American Green Label, and the Environment (DfE).

of the vessel or parts of vessels. (source: 40 CFR 8170.30-4)

"Environmentally Acceptable Lubricant" means lubricants that are "biodegradable" and "non-accumulative" as defined in this permit. For purposes of the VGP, products meeting the permit's definitions of being an "Environmentally Acceptable Lubricant," the following labeling programs: Blue Angel, European Ecolabel, Nordic Ecolabel, North American Green Label, and the Environment (DfE).

"ETP" means EPA's final protocol for the treatment of ballast water.

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