

Appendix B

MSW Landfills Implementation Time line

MSW Landfills Implementation Timeline

State plans must be submitted by December 12, 1996, unless the State receives an extension. EPA has four months (that is, until April 12, 1997) to approve or disapprove the plan. Figure B-1 presents a timeline for submission and approval of Section 111(d) State plans to implement the MSW landfill Emission Guidelines. If the state does not submit an approvable plan, the EPA will promulgate a Federal Plan for the state.

The timeline for MSW landfill compliance as presented in Figure B-2 applies to existing MSW landfills with design capacities equal to or greater than 2.5 million Mg and 2.5 million m³. (The compliance timeline for the NSPS is similar to the timeline for the Emission Guidelines, except that it starts as of March 12, 1996 [the date of promulgation of the NSPS] instead of the effective date of EPA's approval of the State plan.) The states must establish a compliance schedule that is no less stringent than the schedule in the Emission Guidelines (Subpart Cc), except in unusual case-by-case situations (see Section 3.11). As shown in Figure B-2, the first reports are due 90 days after the effective date of EPA's approval of the State plan.

If a MSW landfill emits 50 Mg/yr or more of NMOC as of the effective date of EPA's approval of the State plan, a site-specific collection and control system design plan must be submitted within 1 year after the first Annual Emission Rate Report is due, if the source is following the Emission Guidelines schedule. This Emission Rate Report is due within 90 days of the effective date of EPA's approval of the State plan, so the design plan is due within 1 year plus 90 days of the effective date of EPA's approval of the State plan. Installation of the collection and control system must be completed and the system must be in compliance within 30 months after the Emission Rate Report shows NMOC emissions are ≥ 50 Mg/yr (e.g., within 30 months and 90 days of the effective date of EPA's approval of the State plan).

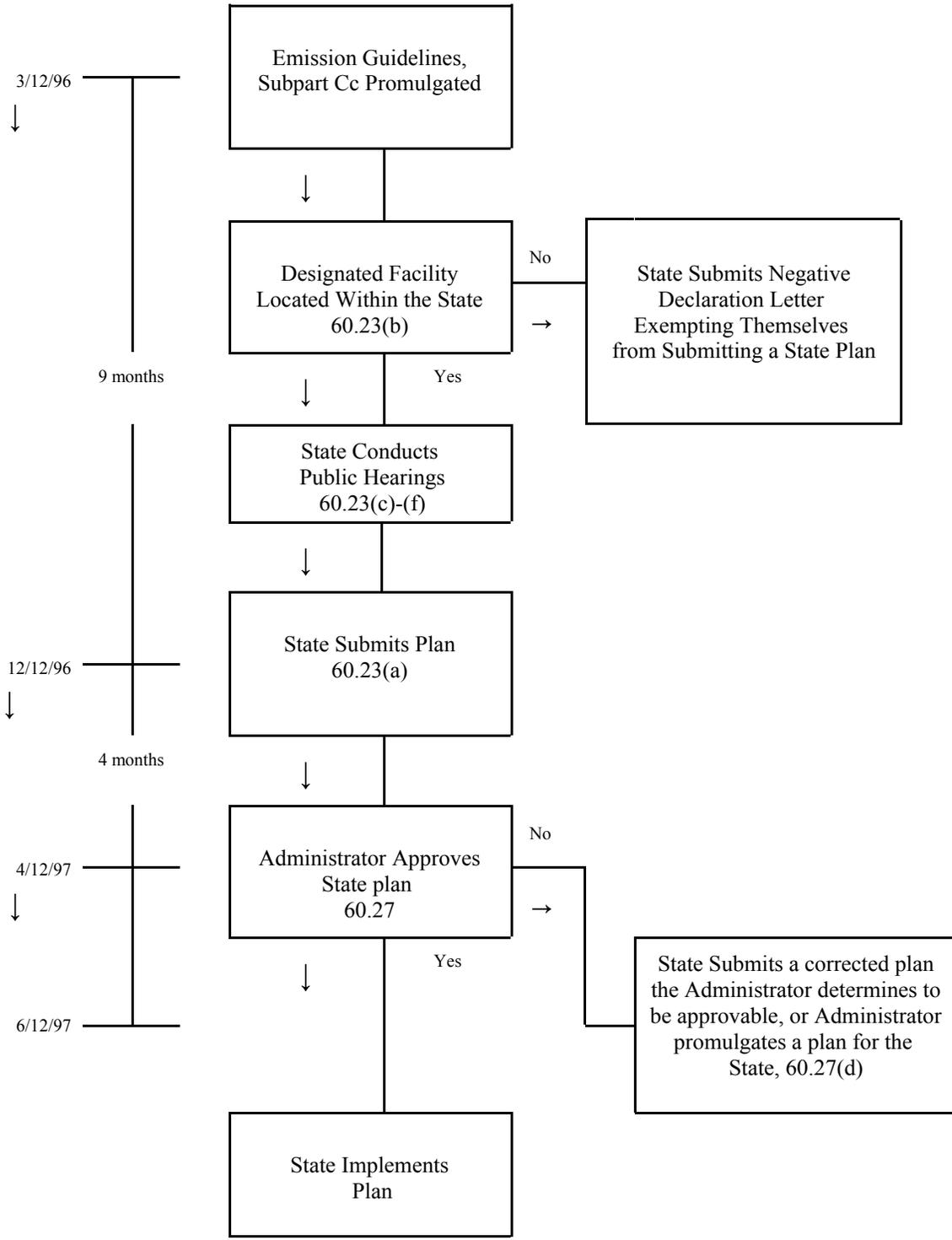
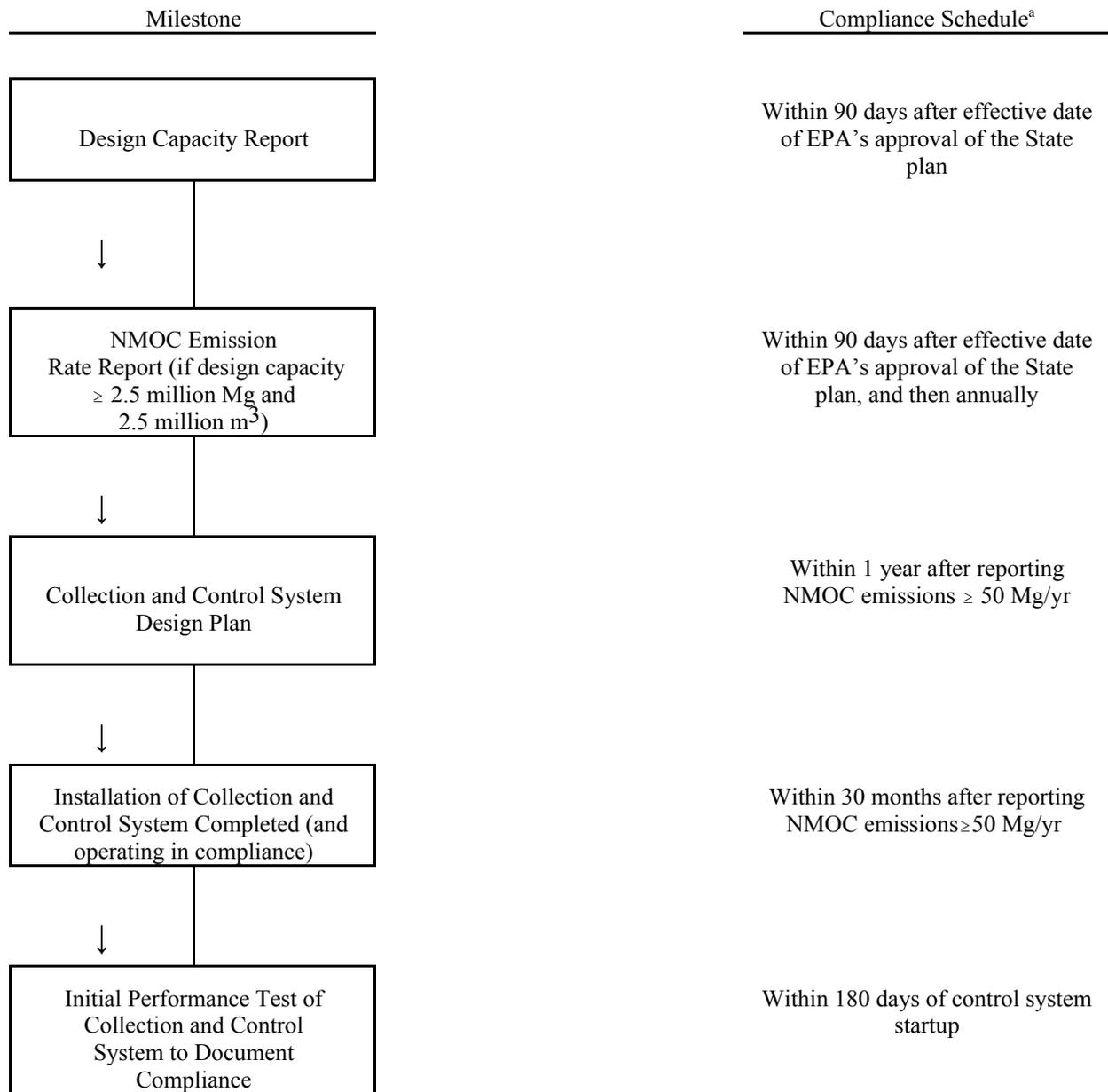


Figure B-1. State Plan Approval Process and Schedule



^a The time frames specified in this example are based on the dates in section 60.757 of Subpart WWW.

Figure B-2. General Milestones for the Compliance Schedule for An Existing MSW Landfill

The compliance schedule is different for MSW landfills that have design capacities that are ≥ 2.5 million Mg and 2.5 million m³ and emit less than the 50 Mg/yr emission rate cutoff on the effective date. Because landfill emissions increase over time as additional waste is deposited, a landfill may emit less than 50 Mg/yr when the State plan takes effect, but emissions may increase to greater than 50 Mg/yr in future years. The Emission Guidelines require such landfills to submit Annual Emission Rate Reports. The collection and control system design plan must be submitted within 1 year after the date of the first Annual Emission Rate Report shows that emissions equal or exceed 50 Mg/yr of NMOC. Collection and control systems must be installed within 30 months after the Emission Rate Report shows emissions of NMOC equal or exceed 50 Mg/yr. MSW Landfills, Volume 1 (EPA-453/R-96-004) presents additional information on landfill compliance requirements.