

**SUPPORTING STATEMENT FOR
EPA INFORMATION COLLECTION REQUEST NUMBER 1572.05
"HAZARDOUS WASTE SPECIFIC UNIT REQUIREMENTS, AND
SPECIAL WASTE PROCESSES AND TYPES"**

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1. IDENTIFICATION OF THE INFORMATION COLLECTION

1(a) TITLE AND NUMBER OF THE INFORMATION COLLECTION

This information collection request (ICR) is entitled "Hazardous Waste Specific Unit Requirements and Special Waste Processes and Types," EPA ICR Number 1572.05.

1(b) SHORT CHARACTERIZATION OF THE INFORMATION COLLECTION

Section 3004 of the Resource Conservation and Recovery Act (RCRA) of 1976, as amended, requires that the U.S. Environmental Protection Agency develop standards for hazardous waste treatment, storage, and disposal facilities (TSDFs), as may be necessary, to protect human health and the environment. Section 3004, Subsections (1), (3), (4), (5), and (6) specify that these standards include, but not be limited to, the following requirements:

- (1) Maintaining records of all hazardous wastes identified or listed under this title which are treated, stored, or disposed of, ... and the manner in which such wastes were treated, stored, or disposed of;
- (3) Treatment, storage, or disposal of all such waste received by the unit pursuant to such operating methods, techniques, and practices as may be satisfactory to the Administrator;
- (4) The location, design, and construction of such hazardous waste treatment, disposal, or storage facilities;
- (5) Contingency plans for effective action to minimize unanticipated damage from any treatment, storage, or disposal of any such hazardous waste; and
- (6) The maintenance or operation of such facilities and requiring such additional qualifications as to ownership, continuity of operation, training for personnel, and financial responsibility as may be necessary or desirable.

The regulations implementing these requirements are published in the Code of Federal Regulations (CFR) Title 40, Parts 261, 264, 265, and 266, Subpart F.

The following briefly summarizes the information collection requirements covered in this ICR, focusing on the type and content of the collection. Section 4(b) of this ICR contains a more detailed description of the information collection requirements, including the data items and respondent activities associated with each requirement.

TANK SYSTEMS

In 40 CFR Parts 264 and 265, Subpart J, EPA promulgated standards applicable to owner/operators of facilities that use tank systems for storing or treating hazardous waste. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C A no-free-liquids demonstration (§§ 264.190(a) and 265.190(a));
- C Existing tank system assessments (§§ 264.191 and 265.191);
- C New tank system assessments and certifications (§§ 264.192 and 265.192);
- C An equivalent containment exemption (§§ 264.193(d) and 265.193(d));
- C An exemption from the 24-hour leak detection requirement (§§ 264.193(e)(3)(iii) and 265.193(e)(3)(iii));
- C A variance from secondary containment requirements (§§ 264.193(g) and 265.193(g));
- C Annual leak tests and inspections (§§ 264.193(i) and 265.193(i));
- C An exemption from the 24-hour waste removal requirement (§§ 264.196(b) and 265.196(b));
- C Release notifications and reports, and major repair certifications (§§ 264.196(d) and (f), and 265.196(d) and (f); and
- C Decontamination of soils demonstration (§§ 264.197(b) and 265.197(b)).

SURFACE IMPOUNDMENTS

In 40 CFR Parts 264 and 265, Subpart K, EPA promulgated standards applicable to owner/operators of facilities that use surface impoundments to treat, store, or dispose of hazardous wastes. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C Design and operating requirements, including assessment of alternate design and operating practices, notification of intent to receive waste, and certification of certain alternate design features or operating plans (§§ 265.221 and 265.222);
- C Development of action leakage rates (§265.222(a));
- C Calculation of average daily flow rates (§265.222(c) and §264.222(c));
- C Response Action Plans (§265.223(a));
- C Notification of exceedance of action leakage rates (§265.223(b) and §264.223(b));
- C A remediation determination analysis (§265.223(c) and §264.223(c));
- C Certification of a dike's sufficient structural integrity (§264.226(c));
- C Records of waste treatment data (§265.225(2)(i));

- C Records of all monitoring and inspection activities and data (§265.226(b)(1) and §264.226(d)(1));
- C Development of pump operating levels (§265.226(b)(3));
- C Notification of a surface impoundment's removal from service, and the certification required for restoring the service (§264.227);
- C Certification for ignitable or reactive wastes (§265.229(b));
- C Closure plan information (§265.113(e) and §264.113(e)); and
- C A waste management plan for hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.231(a)).

WASTE PILES

In 40 CFR Part 264 and 265, Subpart L, EPA promulgated standards applicable to owner/operators of facilities that store or treat hazardous waste in piles. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C A demonstration for an exemption or variance from liner/leachate system requirements (§265.254);
- C Development of action leakage rates (§265.255(a));
- C Calculation of average daily flow rates (§265.255(c) and §264.252(c));
- C Response Action Plans (§265.259(a));
- C Notification of exceedance of action leakage rates (§265.259(b) and §264.253(b));
- C A remediation determination analysis (§265.259(c) and §264.253(c));
- C Records of all monitoring and inspection activities and data (§265.260 and §264.254(c)); and
- C A waste management plan for hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.259(a)).

LAND TREATMENT

In 40 CFR Parts 264 and 265, Subpart M, EPA promulgated standards applicable to owner/operators of interim status and permitted hazardous waste land treatment facilities. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C Notifications and demonstrations necessary for growing food chain crops on a hazardous waste land treatment unit (§§ 264.276 and 265.276), including developing and maintaining an operating plan (§265.276(c)(2)(iii) and §264.276(b)(2)(iii);
- C A record of the unit unsaturated-zone monitoring plan (§265.278(d));
- C Notification of statistically significant increases of hazardous waste constituents below the treatment zone, and the related demonstration and notice (§264.278(g) and (h));
- C Certification of closure (§265.280(e) and §264.280(b));
- C A demonstration for exemption from the post-closure requirements of §264.280(a) and (c); and
- C A waste management plan for hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.283(a)).

LANDFILLS

In 40 CFR Part 264 and 265, Subpart N, EPA promulgated regulations applicable to owner/operators of facilities that dispose of hazardous wastes in landfills. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C Notification of intent to receive waste (§265.301(b));
- C A demonstration for exemption from liner and leachate collection system requirements (§§ 264.301(b));
- C A demonstration to obtain a waiver from the double liner requirement for a monofill (§§ 265.301(d)(2)(ii));
- C Development of action leakage rates (§265.302(a));
- C Calculation of average daily flow rates (§265.302(c) and §264.302(c));
- C Response Action Plans (§265.303(a));
- C Notification of exceedance of action leakage rates (§265.303(b) and §264.303(b));
- C A remediation determination analysis (§265.303(c) and §264.303(c));
- C Records of all monitoring and inspection activities and data (§265.304(b) and §264.303(c)(1));
- C Development of pump operating levels (§265.304(b));

- C A no-free-liquids demonstration, including results of the Paint Filter Liquids Test (§§ 264.314(c) and 265.314(d));
- C A demonstration to allow placement of non-hazardous liquids in a landfill under (§§ 264.314(e) and 265.314(f)); and
- C A waste management plan for hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.317(a)).

INCINERATORS

In 40 CFR Parts 264 and 265, Subpart O, EPA promulgated regulations for owner/operators of facilities that incinerate hazardous waste. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C Documentation necessary for an exemption from the Subpart O requirements (except closure requirements) (§§ 264.340(b) and 265.340(b));
- C An application for certification to burn hazardous wastes F020, F021, F022, F023, F026, and F027 (§265.352(b)(1));
- C Notification of intent to burn EPA Hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.343(a)(2)); and
- C Collection of monitoring and inspection data per §264.347(d). EPA collects this information after the permit is issued.

THERMAL TREATMENT UNITS

In 40 CFR Part 265, Subpart P, EPA promulgated regulations for owners/operators of facilities that thermally treat hazardous waste in devices other than enclosed devices using controlled flame combustion. To comply with these regulations respondents must submit an application to burn EPA Hazardous Wastes F020, F021, F022, F023, F026, or F027 (§265.383 (a)(1)).

CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS

In 40 CFR Part 265, Subpart Q, EPA promulgated regulations for owners/operators of facilities which treat hazardous wastes by chemical, physical, or biological methods in units other than tanks, surface impoundments, and land treatment facilities. To comply with these regulations respondents must submit documentation demonstrating that solid waste removed from a treatment process or equipment is not hazardous (§265.404).

MISCELLANEOUS UNITS

In 40 CFR Part 264, Subpart X, EPA promulgated regulations for owners/operators of permitted facilities that treat, store, or dispose of hazardous waste in miscellaneous units. To comply with these

regulations respondents must submit several information collections, including some or all of the following:

- C Inspection and reporting information, including a written schedule for inspecting equipment (§264.15), biennial report (§264.75), an unmanifested waste report (§264.76), and release, fire, explosion, and closure reports (§264.77) (§264.602); and
- C Documentation specifying post-closure care procedures for miscellaneous treatment or storage units that contain contaminated soils or ground water that cannot be completely removed or decontaminated during closure (§264.603).

Because developing and following a written schedule for inspecting equipment is covered in the General Hazardous Waste Facility Standards ICR (EPA ICR Number 1571), submitting a biennial report is covered in the Biennial Report ICR (EPA ICR Number 976), preparing an unmanifested waste report is covered in the Manifest ICR (EPA ICR Number 801), and release, fire, explosion, and closure reports are covered in the General Hazardous Waste Facility Standards ICR (EPA ICR Number 1571), data items and activities associated with these items will not be covered in this ICR. This ICR, however, covers documentation specifying post-closure care procedures for miscellaneous units.

DRIP PADS

In 40 CFR Part 261, Subpart D, EPA promulgated regulations for owners and operators of facilities that generate hazardous wastes associated with wood preserving processes. To comply with these regulations, generators must submit the following information collection request:

- C An equipment cleaning plan or equipment replacement plan, and documentation of cleaning and replacement (§261.35(b)-(c)).

In 40 CFR Parts 264 and 265, Subpart W, EPA promulgated regulations for owners/operators of facilities which treat or store hazardous wastes on drip pads. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C A contingency plan for managing the discharge of drippage (§264.570(c)(1) and 265.440(c)(1));
- C An assessment of the integrity of existing drip pads (§264.571(a) and §265.441(a));
- C A plan for upgrading, repairing, and modifying a drip pad (§264.571(b)-(c) and §265.441(b)-(c));
- C Documentation and assessments certifying that design and operating requirements are being met (§264.573(a)-(k) and §265.443(a)-(k));
- C Notification and documentation indicating any release discovery that requires an emergency response (§264.573(m) and §265.443(m));

- C A unit operating record containing documentation of past operating and waste handling practices (§264.573(n) and §264.443(n)); and
- C Records and documenting the weekly inspection and certification of drip pad liners (§264.574 and §265.444).

PROCESS VENTS

In 40 CFR Parts 264 and 265, Subpart AA, EPA promulgated regulations for owners/operators of facilities that manage hazardous waste with organic concentrations of at least 10-ppmw in units that are subject to the permitting requirements of 40 CFR Part 270, or hazardous waste recycling units that are located on hazardous waste management facilities otherwise subject to the permitting requirements of 40 CFR Part 270. These regulations apply to unit process vents associated with distillation, fractionation, thin-film evaporation, solvent extraction, or air or steam stripping. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C Documentation describing the operation of and identifying process parameters that indicate proper operation and maintenance of control devices other than those specified under this Part;
- C Documentation of waste determination, if the waste determination was based on knowledge of the waste rather than testing (§§ 264.1034(d)(2) and 265.1034(d)(2)); and
- C Unit operating record containing documentation specified in §§ 264.1035(b) - (f) and 265.1035(b)- (f) (§§ 264.1035(b), (c), and (f) and 265.1035(b), (c), and (f)); and
- C A semiannual report of control device monitoring events (§264.1036).

EQUIPMENT LEAKS

In 40 CFR Parts 264 and 265, Subpart BB, EPA promulgated regulations for owners/operators of facilities with equipment that contains or contacts hazardous wastes organic concentrations of at least 10 percent by weight that are managed in units subject to the permitting requirements of 40 CFR Part 270, or hazardous waste recycling units that are located on hazardous waste management facilities otherwise subject to the permitting requirements of 40 CFR Part 270. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C Notification that an owner/operator has decided to implement the alternative valves in gas/vapor service or in light liquid service standard specified in §§ 264.1061(a) or 265.1061(a) (§§ 264.1061(b)(1) and 265.1061(b)(1));
- C Notification that an owner/operator no longer implementing the alternative standard specified in §§ 264.1061(a) or 265.1061(a) will follow the work practice standards in §§ 264.1057(a) through (e) or 265.1057(a) through (e) (§§ 264.1061(d) and 265.1061(d));

- C Notification that an owner/operator has decided to implement the alternative standard for valves specified in either §§ 264.1062(b)(2) or (b)(3) or 265.1062(b)(2) or (b)(3) (§§ 264.1062(a)(2) and 265.1062(a)(2));
- C Documentation of the determination that each piece of equipment does or does not contain or contact hazardous waste with organic concentration that equals or exceeds 10 percent by weight, if this determination was based on knowledge rather than testing (§§ 264.1062(d)(3) and 265.1062(d)(3));
- C Unit operating record containing documentation specified in §§ 264.1064(b) - (m) or 265.1064(b) - (m) (§§ 264.1064(b), (d), (e), and (g)-(k) and 265.1064(b), (d), (e), and (g)-(k)); and
- C A semiannual report (§264.1065).

CONTAINMENT BUILDINGS

In 40 CFR Part 264 and 265, Subpart DD, EPA promulgated regulations applicable to owner/operators of facilities that dispose of hazardous wastes in containment buildings. To comply with these regulations respondents must submit several information collections, including some or all of the following:

- C Notification of intent to be bound by the regulations earlier than as specified (§264.1100 and §265.1100);
- C A demonstration that the unit substantially meets standards of Subpart DD, if the owner/operator wants the secondary containment requirement to be delayed (§264.1101(b) and §265.1101(b));
- C Certification by a professional engineer and records of leaks, spills, and associated cleanup activities (§264.1101(c) and §265.1101(c));
- C A no-free-liquids demonstration (§264.1101(c) and §265.1101(c)); and
- C A written description of operating procedures used to maintain the integrity of areas without secondary containment (§264.1102(c)(4) and §265.1101(c)(4)).

SPECIFIC HAZARDOUS WASTE RECOVERY/RECYCLING FACILITIES

In 40 CFR Part 266, Subpart F, EPA promulgated standards for managing specific types of precious metals at recycling facilities. To comply with these regulations, respondents must keep records of precious metals stored onsite, demonstrating that they are not speculatively accumulated (§266.70(c)).

2. NEED FOR AND USE OF THE COLLECTION

2(a) NEED AND AUTHORITY FOR THE COLLECTION

This subsection establishes the need and legal authority for each information collection covered in this ICR. All of the collection requirements covered in this ICR have been published in 40 CFR Parts 261, 264 and 265, Subparts J through DD, and 40 CFR Part 266, Subpart F. With each collection covered in this ICR, EPA is aiding the goal of complying with its statutory mandate under RCRA to develop standards for hazardous waste TSDFs, as may be necessary, to protect human health and the environment. Section 2(b) lists each information collection along with its regulatory citation, and provides precise information regarding the decisions EPA makes with the information provided by the respondents.

2(b) PRACTICAL UTILITY AND USERS OF THE DATA

This subsection establishes the practical utility of the information that is collected from respondents by listing each collection and its regulatory citation and by explaining how the Agency uses the information.

TANK SYSTEMS

In 40 CFR Parts 264 and 265, Subpart J, EPA promulgated standards applicable to owner/operators of facilities that use tank systems for storing or treating hazardous waste. The following lists Agency information collection requirements for tank systems, and the uses for the data.

- C A no-free-liquids demonstration (§264.190(a) and §265.190(a)). EPA uses this demonstration to decide whether it may exempt facilities that meet this and other conditions from the requirements of §264.193 and §265.193.
- C Existing tank system assessments (§264.191 and §265.191). EPA uses this information to assure that facilities operate tank systems that are appropriate for storing and treating hazardous waste.
- C New tank system assessments and certifications (§264.192 and §265.192). EPA uses new tank system assessments and certifications to assure that any new components or systems installed at facilities are appropriate for storing and treating hazardous waste.
- C An equivalent containment exemption (§264.193(d) and §265.193(d)). EPA may grant this exemption to facilities that can demonstrate that their release containment system is equivalent to a liner, vault, or double-walled tank. This exemption lessens the burden on facilities without compromising public health or the environment.
- C An exemption from the 24-hour leak detection requirement (§264.193(e)(3)(iii) and §265.193(e)(3)(iii)). EPA may grant this exemption to facilities that can demonstrate that existing technologies or site conditions will not allow detection of a leak within 24 hours. The exemption allows these facilities to use a system that will detect failure or contamination at the earliest practicable time.

- C A variance from secondary containment requirements (§264.193(g) and §265.193(g)). EPA may grant facilities a variance from all secondary containment requirements if they can demonstrate that alternative design and operating practices, together with location characteristics, will be as protective of the environment as secondary containment. This variance lessens the burden on facilities without compromising public health or the environment.
- C Annual leak tests and inspections (§264.193(i) and §265.193(i)). EPA uses this information to insure that hazardous wastes are not leaking into the environment. The Agency requires facilities to conduct these tests and inspections until they comply with the secondary containment requirements.
- C An exemption from the 24-hour waste removal requirement (§264.196(b) and §265.196(b)). EPA uses information submitted by facilities under these sections to decide whether to grant the exemption. EPA regulations require facilities at which there has been a spill to, within 24 hours, remove enough waste from the system to prevent further release and allow for inspection and repair of the tank. If the unit can demonstrate that it is not possible to do so within 24 hours, EPA will allow the unit to remove the waste at the earliest possible time.
- C Release notifications and reports, and major repair certifications (§264.196(d) and (f) and §265.196(d) and (f)). EPA uses release notifications and reports to document hazardous waste releases and track the progress of their cleanup. In cases in which a release has been caused by major system damage, the Agency uses the certifications to document that the system has been adequately repaired.
- C Decontamination of soils demonstration (§264.197(b) and §265.197(b)). EPA uses this demonstration to certify clean-closure of tank systems and to decide whether to exempt facilities from post-closure care requirements under §264.310 and §265.310.

SURFACE IMPOUNDMENTS

In 40 CFR Parts 264 and 265, Subpart K, EPA promulgated standards applicable to owner/operators of facilities that use surface impoundments to treat, store, or dispose of hazardous wastes. The following lists Agency information collection requirements for surface impoundments, and the use of the data.

- C Facilities must submit design and operating requirements, including assessment of alternate design and operating practices, notification of intent to receive waste, and certification of certain alternate design features or operating plans (§264.221, §265.221 and §265.222). EPA uses this information to confirm that surface impoundments wishing to store or treat hazardous waste are designed and operated so that they pose no threat to the environment.
- C Facilities must develop action leakage rates and Response Action Plans, calculate average daily flow rates, and notify EPA of any exceedance of an action leakage rate (§265.222(a), §265.222(c) and §264.222(c), §265.223(a), and §265.223(b) and

§264.223(b)). Facilities must also conduct remediation determination analyses (§265.223(c) and §264.223(c)). EPA reviews this information to ensure that owner/operators take the necessary steps to address leakage from their units.

- C A certification of a dike's sufficient structural integrity (§264.226(c)). Prior to issuing a permit and after any extended period of time in which an impoundment is not in use, EPA uses this information to ensure that the impoundment's dike is sound.
- C Records of waste treatment data (§265.225(2)(i)). To lessen the chance of improper or dangerous treatment, EPA collects these data when a surface impoundment at an interim status facility is used to chemically treat hazardous waste with a substantially different method than any previously used in the same impoundment.
- C Facilities must maintain records of all monitoring and inspection activities and data (§265.226(b)(1) and §264.226(d)(1)). EPA uses this information to ensure that the integrity of these units is maintained.
- C Development of pump operating levels (§265.226(b)(3)). EPA uses this information to ensure proper operation of surface impoundment units.
- C A notification of a surface impoundment's removal from service, and the certification required for restoring the service. 40 CFR 264.227(a) requires surface impoundments to be removed from service in certain emergency situations. EPA requires the notifications so that it is apprised of all such emergencies. In addition, the Agency requires any impoundment containing a liner and removed from service under 40 CFR 264.227(a) to be certified prior to being put back into service. This assures EPA that the impoundment has been repaired to meet the design specifications approved in the unit's permit.
- C A certification for ignitable or reactive wastes (§265.229(b)). The Agency uses this information to ensure that ignitable or reactive wastes are properly treated and handled before being placed in the interim status surface impoundment to which the certification applies.
- C Closure plan information (§265.113(e) and §264.113(e)). EPA collects this information to ensure that owner/operators close their facilities and conduct any necessary remediation such that the unit does not pose any threat to human health and the environment.
- C A waste management plan for hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.231(a)). F-listed wastes are those from non-specific sources. EPA is less likely to know the exact physical and chemical characteristics of particular non-specific source wastes than those of uniform, specific-source wastes. Without this knowledge, the Agency cannot ensure that these wastes are safely placed or disposed. Consequently, EPA prohibits owner/operators from placing these wastes in a surface impoundment unless the owner/operator operates the impoundment in accordance with an approved management plan that includes information such as the physical and chemical properties

of the wastes, their potential to migrate through the soil, the mobilizing properties of other materials co-disposed with the wastes, and other data.

WASTE PILES

In 40 CFR Part 264 and Part 265, Subpart L, EPA promulgated standards applicable owner/operators of facilities that store or treat hazardous waste in piles. The following lists Agency information collection requirements for waste piles, and the use of the data.

- C Exemption from liner and leachate system requirements (§264.251(b) and §265.254 (Note: §264.254 states that the owner/operator must comply with the requirements in §264.251)). EPA requires waste piles to have liners and leachate collection and removal systems sufficient to prevent any waste migration for the active life of the pile, including the closure period (§264.251(a)). The Agency details design, construction, and installation requirements for the liners and collection systems. At §264.251(b), EPA exempts waste piles from the requirements in paragraph §264.251(a) if the owner/operator can demonstrate that alternate design and operating practices, together with location characteristics, will prevent hazardous constituents from migrating into the ground or surface water at any future time. EPA allows this exemption to reduce the financial and other burden on landfills that, though they do not comply with approved design standards, do not threaten ground or surface water.
- C Facilities must develop action leakage rates and Response Action Plans, calculate average daily flow rates, and notify EPA of any exceedance of an action leakage rate. Facilities must also conduct remediation determination analyses (§265.255(a), §265.255(c) and §264.252(c), and §265.259(a)-(c) and §264.253(b)-(c)). EPA reviews this information to ensure that owner/operators take the necessary steps to address leakage from their units.
- C Facilities must maintain records of all monitoring and inspection activities and data (§265.260 and §264.254(c)). EPA uses this information to ensure that the integrity of these units is maintained.
- C A waste management plan for hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.259(a)). F-listed wastes are those from non-specific sources. EPA is less likely to know the exact physical and chemical characteristics of particular non-specific source wastes than those of uniform, specific-source wastes. Without this knowledge, the Agency cannot ensure that these wastes are safely placed or disposed. Consequently, EPA prohibits owner/operators from placing these wastes in a waste pile unless the owner/operator operates the pile in accordance with an approved management plan that includes information such as the physical and chemical properties of the wastes, their potential to migrate through the soil, the mobilizing properties of other materials co-disposed with the wastes, and other data.

LAND TREATMENT

In 40 CFR Parts 264 and 265, Subpart M, EPA promulgated standards applicable to owner/operators of hazardous waste land treatment facilities. The following lists Agency information collection requirements for land treatment facilities, and the use of the data.

- C Food-chain crop notification. EPA uses these notifications to keep track of food-chain crops grown at hazardous waste land treatment units.
- C Records demonstrating that heavy metals and other constituents will not be transferred from soil to plants grown on unit land. EPA requires these information collections to assure that no threats to public health stem from growing food-chain crops on hazardous waste unit lands.
- C 40 CFR 264.276 and §265.276 regulates the growth of food-chain crops at hazardous waste land treatment facilities. Owner/operators must notify EPA if crops are grown, or have been grown and will be grown again, on the unit. Owner/operators of interim status units must also keep, at the unit, records of the information necessary to make the demonstration under 40 CFR 265.276(b)(1). EPA requires these information collections to assure that no threats to public health stem from growing food chain crops on hazardous waste unit lands.
- C An operating plan demonstrating how the animal feed will be distributed to preclude ingestion by humans (§264.276(b)(2)(iii) and §265.276(c)(2)(iii)). EPA requires this information collection to ensure that measures are taken to safeguard against possible health hazards from cadmium entering the food chain, which may result from alternative land uses.
- C A record of the unsaturated-zone monitoring plan required for interim status facilities (§265.278(d)). Interim status land treatment facilities must keep on file a written record documenting the unsaturated-zone monitoring system required in 40 CFR 265.278. EPA uses the information to guarantee that interim status land treatment facilities have installed the requisite monitoring systems.
- C Notification, modification, and report associated with unsaturated-zone monitoring requirements for permitted facilities (§264.278(g) and (h)). Land treatment facilities must notify EPA whenever they determine that there is a statistically significant increase of hazardous constituents below the treatment zone, and must 1) submit a permit modification application to modify the operating practices at the unit, or 2) submit a report to EPA demonstrating that the source of the increase is not the regulated unit. The information informs EPA of and allows EPA to alter operating practices that increase hazardous constituent concentrations below the treatment zone.
- C Certifications of closure (§264.280(b) and §265.280(e)). To assure that interim status and permitted facilities have been closed in accordance with specifications in EPA-approved closure plans, EPA requires certification by both an independent qualified scientist and the owner/operator that the unit has done so.

- C A demonstration for exemption from the post-closure requirements of §264.280(a) and (c). 40 CFR 264.280(d) exempts facilities from these requirements if they can demonstrate that there are no significant amounts of hazardous constituents in the treatment zone soil. EPA allows this exemption to reduce the financial and other burden on land treatment facilities that have not contaminated the treatment zone soil.
- C A waste management plan for hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.283). F-listed wastes are those from non-specific sources. EPA is less likely to know the exact physical and chemical characteristics of particular non-specific source wastes than those of uniform, specific-source wastes. Without this knowledge, the Agency cannot ensure that these wastes are safely placed or disposed. Consequently, EPA prohibits owner/operators from placing these wastes in a land treatment unit unless the owner/operator operates the unit in accordance with an approved management plan that includes information such as the physical and chemical properties of the wastes, their potential to migrate through soil, the mobilizing properties of other materials co-disposed with the wastes, and other data.

LANDFILLS

In 40 CFR Parts 264 and 265, Subpart N, EPA promulgated regulations applicable to owner/operators of facilities that dispose of hazardous wastes in landfills. The following lists Agency information collection requirements for landfills, and the use of the data.

- C A notification of intent to receive waste (§265.301(b)). EPA requires this notification so that it may track interim status land disposal facilities disposing hazardous waste.
- C A demonstration for exemption from the liner and leachate collection system requirements (§264.301(b)). The Agency details design, construction, and installation requirements for liners and collection systems. EPA exempts permitted landfills from these requirements if they can demonstrate that alternate design and operating practices, together with location characteristics, will prevent hazardous constituents from migrating into the ground or surface water at any future time. EPA allows this exemption to reduce the financial and other burden on landfills that, though they do not comply with approved design standards, do not threaten ground or surface water.
- C A demonstration to obtain a waiver from the double liner requirement for a monofill (§265.301(d)(2)(ii)). EPA grants this waiver to interim status landfill units if the owner/operator can demonstrate that the monofill is located, designed, and operated as to assure that there will be no migration of any hazardous constituent into ground water or surface water at any future time. EPA grants this waiver to reduce financial and other burden on landfills that, though they do not comply with approved design standards, do not threaten ground or surface water.
- C Facilities must develop action leakage rates and Response Action Plans, calculate average daily flow rates, and notify EPA of any exceedance of an action leakage rate. Facilities must also conduct remediation determination analyses (§264.302(c), §265.302(a), and §265.302(c) and §264.304(b)-(c) and §265.303(a)-(c)). EPA reviews

this information to ensure that owner/operators take the necessary steps to address leakage from their units.

- C Facilities must maintain records of all monitoring and inspection activities and data (§264.303(c)(1) and §265.304(b)). EPA uses this information to ensure that the integrity of these units is maintained.
- C Development of pump operating levels (§265.304(b)). EPA uses this information to ensure proper operation of landfill units.
- C A no-free-liquids demonstration (§264.314(c) and §265.314(d)). EPA uses this demonstration to decide whether it may exempt facilities that meet this and other conditions from the requirements of 40 CFR 264.193 and §265.193.
- C A demonstration to allow placement of non-hazardous liquids in a landfill under §264.314(e) and §265.314(f). EPA uses this information to decide whether a unit may safely dispose a non-hazardous liquid in a landfill.
- C A waste management plan for hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.317(a)). F-listed wastes are those from non-specific sources. EPA is less likely to know the exact physical and chemical characteristics of particular non-specific source wastes than those of uniform, specific-source wastes. Without this knowledge, the Agency cannot ensure that these wastes are safely placed or disposed. Consequently, EPA prohibits owner/operators from placing these wastes in landfills unless they are operated in accordance with an approved management plan that includes information such as the physical and chemical properties of the wastes, their potential to migrate through soil, the mobilizing properties of other materials co-disposed with the wastes, and other data.

INCINERATORS

In 40 CFR Parts 264 and 265, Subpart O, EPA promulgated regulations for owner/operators of facilities that incinerate hazardous waste. The following lists Agency information collection requirements for incinerators, and the use of the data. [Note: Most of the 264 Subpart O information collection requirements are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR (EPA ICR Number 1573).]

- C Documentation necessary for an exemption from the Subpart O requirements (except closure requirements) (§264.340(b) and §265.340(b)). To lessen the burden on the respondent universe, EPA exempts facilities from these regulations provided that there will be no adverse effects on public health or the environment.
- C An application for certification to burn hazardous wastes F020, F021, F022, F023, F026, and F027 (§265.352(b)(1)). EPA requires this application to determine the suitability of the interim status incinerators applying for it to burn these wastes.

- C Notification of intent to burn hazardous wastes F020, F021, F022, F023, F026, and F027 (§264.343(a)(2)). EPA requires this notification to regulate facilities that intend to burn F-listed wastes.
- C Collection of monitoring and inspection data (§264.347(d)). The unit would collect this information to demonstrate continued compliance with permit conditions.

THERMAL TREATMENT UNITS

40 CFR Part 265, Subpart P requires owners/operators of facilities that thermally treat hazardous waste in devices other than enclosed devices using controlled flame combustion who chose to burn EPA Hazardous Wastes F020, F021, F022, F023, F026, or F027 to submit an application to burn these wastes (§265.383 (a)(1)). EPA reviews this information to ensure that owner/operators of thermal treatment units subject to Subpart P can meet the performance standard in Part 264, Subpart O when they burn these wastes.

CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS

40 CFR Part 265, Subpart Q, requires owners/operators of facilities which treat hazardous wastes by chemical, physical, or biological methods in units other than tanks, surface impoundments, and land treatment facilities to submit documentation demonstrating that solid waste removed from a treatment process or equipment is not hazardous (§265.404). EPA reviews this information to ensure that treated waste that is hazardous is not disposed of in an unsafe manner.

MISCELLANEOUS UNITS

In 40 CFR Part 264, Subpart X, EPA promulgated regulations that require owners/operators of facilities that treat, store, or dispose of hazardous waste in miscellaneous units to prepare documentation specifying post-closure care procedures for miscellaneous treatment or storage units that contain contaminated soils or ground water that cannot be completely removed or decontaminated during closure. EPA reviews this information to ensure that owners/operators of closed miscellaneous units containing contaminated soils or ground water maintain these units in accordance with the Congressional mandate of protecting human health and the environment.

DRIP PADS

In 40 CFR Part 261, Subpart D, EPA promulgated regulations that require generators of wood preserving wastes to prepare, sign and follow an equipment cleaning or an equipment replacement plan, and maintain documentation of any equipment cleaning or replacement (§261.35(b)-(c)). EPA reviews this information to ensure that no threat to human health or the environment is posed by improperly maintained or cleaned drip pads.

In 40 CFR Parts 264 and 265, Subpart W, EPA promulgated regulations for owners/operators of facilities which treat or store hazardous wastes on drip pads. Facilities must develop a contingency plan and a plan for upgrading, repairing, and modifying drip pads. In addition, facilities must maintain documentation and assessments of drip pad integrity and design, operating and waste handling practices, waste release discoveries, and weekly inspections. EPA reviews this information to ensure that the

integrity of the units is maintained to prevent any release of waste to the environment. In addition, the requirements are designed to ensure the safe handling of wastes and effective management of the discharge of any drippage from the units.

PROCESS VENTS

Records and reports required in 40 CFR Parts 264 and 265, Subpart AA are used to enable EPA to (1) identify TSDFs that may not understand the workings of the standard or may not be in compliance with the standard and (2) to ensure that the standards required by Section 3004(n) are being implemented effectively. Based on reported information, EPA can decide how many TSDF inspections will be needed, which TSDFs should be inspected, and what records or processes should be reviewed at the TSDF. The records that TSDFs will maintain will play a significant role for the unit owner or operator in assessing unit personnel efforts and in determining whether the unit is in compliance with the standard. The records will reveal misunderstandings about how the standard is to be implemented.

EQUIPMENT LEAKS

Records and reports required in 40 CFR Parts 264 and 265, Subpart BB are used to enable EPA to (1) identify TSDFs that may not understand the workings of the standard or may not be in compliance with the standard and (2) to ensure that the standards required by Section 3004(n) are being implemented effectively. Based on reported information, EPA can decide how many TSDF inspections will be needed, which TSDFs should be inspected, and what records or processes should be reviewed at the TSDF. The records that TSDFs will maintain play a significant role for the unit owner or operator in assessing unit personnel efforts and in determining whether the unit is in compliance with the standard. The records will reveal misunderstandings about how the standard is to be implemented.

CONTAINMENT BUILDINGS

Subpart DD requires facilities to maintain records of engineer certifications, releases and cleanup actions, and inspections. Facilities use these records to ensure that the containment building is operating properly, that it is not a waste pile, and that releases are properly addressed. Facilities must also notify EPA of releases. EPA uses these notifications to ensure that releases are cleaned up. Facilities may also submit demonstrations that secondary containment is not necessary, which EPA uses to determine if secondary containment requirements may be waived or delayed. EPA may also review unit files during an inspection to ensure that proper records are being kept.

SPECIFIC HAZARDOUS WASTE RECOVERY/RECYCLING FACILITIES

In 40 CFR Part 266, Subpart F, EPA promulgated standards for managing specific types of hazardous wastes at specific types of hazardous waste management facilities (e.g., hazardous wastes and used oil burned for energy recovery). To comply with these regulations respondents must keep records of precious metals stored on-site, demonstrating that these materials are not speculatively accumulated (§266.70(c)). EPA uses this information to guarantee that the respondents are not accumulating the recycled materials for the purpose of speculation, since this would qualify the materials as waste.

3. NONDUPLICATION, CONSULTATIONS, AND OTHER COLLECTION CRITERIA

3(a) NONDUPLICATION

The information collections covered in this ICR are not available from sources other than the respondents. EPA's Office of Solid Waste is the only Office within the Agency collecting this information, and no other Federal agency or department collects this information. In addition, the Office of Solid Waste has systematically reorganized its ICR structure to eliminate gaps or duplication.

3(b) PUBLIC NOTICE REQUIRED PRIOR TO ICR SUBMISSION TO OMB

In compliance with the Paper Reduction Act of 1995, EPA has issued a public notice in [ADD FR NOTICE DATE AND CITATION]. The public comment period extended through [ENTER DATE]. EPA received [ADD NUMBER OF COMMENTS RECEIVED] public comments. [ADD SUMMARY OF COMMENTS AFTER COMMENT PERIOD ENDS].

[EPA will complete this section in the finalized ICR.]

3(c) CONSULTATIONS

In preparing the respondent burden estimates for this ICR, EPA conducted consultations with the following organizations:

Name	Organization	Phone Number

[EPA will conduct consultations when finalizing this ICR. Thus, EPA will complete this section in the finalized ICR.]

3(d) EFFECTS OF LESS FREQUENT COLLECTION

EPA has carefully considered the burden imposed upon the regulated community by the specific unit and special waste processes and types regulations. Consequently, EPA is confident that those activities required of respondents are necessary, and to the extent possible, minimize the burden imposed. EPA believes strongly that if the minimum requirements specified under the regulations are not met EPA will be unable to fulfill its Congressional mandate to protect public health and the environment.

3(e) GENERAL GUIDELINES

This ICR adheres to the guidelines stated in the 1995 Paperwork Reduction Act, OMB's implementing regulations, EPA's Information Collection Review Handbook, and other applicable OMB guidance.

3(f) CONFIDENTIALITY

Section 3007(b) of RCRA and 40 CFR Part 2, Subpart B, which define EPA's general policy on the public disclosure of information, contain provisions for confidentiality. EPA also ensures that the information collection procedures comply with the Privacy Act of 1974 and the OMB Circular 108.

3(g) SENSITIVE QUESTIONS

No questions of a sensitive nature are included in any of the information collection requirements.

4. THE RESPONDENTS AND THE INFORMATION REQUESTED

4(a) RESPONDENTS/NAICS CODES

The following is a list of North American Industrial Classification System (NAICS) codes associated with the respondents most likely to be affected by the information collection requirements detailed in this ICR.

211112	Natural Gas Liquid Extraction
221111	Hydroelectric Power Generation
221112	Fossil Fuel Electric Power Generation
221113	Nuclear Electric Power Generation
221119	Other Electric Power Generation
221121	Electric Bulk Power Transmission and Control
221122	Electric Power Distribution
22132	Sewage Treatment Facilities
311942	Spice and Extract Manufacturing
323110	Commercial Litographic Printing
323114	Quick Printing
32411	Petroleum Refineries
32511	Petrochemical Manufacturing
32512	Industrial Gas Manufacturing
325131	Inorganic Dye and Pigment Manufacturing
325188	All Other Basic Inorganic Chemical Manufacturing
325193	Ethyl Alcohol Manufacturing
325199	All Other Basic Organic Chemical Manufacturing
325211	Plastics Material and Resin Manufacturing
32551	Paint and Coating Manufacturing
325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing
331311	Alumina Refining
33271	Machine Shops
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
333319	Other Commercial and Service Industry Machinery Manufacturing
333999	All Other Miscellaneous General Purpose Machinery Manufacturing
33422	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
33431	Audio and Video Equipment Manufacturing
334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
334419	Other Electronic Component Manufacturing
336211	Motor Vehicle Body Manufacturing
336312	Gasoline Engine and Engine Parts Manufacturing
336322	Other Motor Vehicle Electrical and Electronic Equipment Manufacturing
33633	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
33634	Motor Vehicle Brake System Manufacturing
33635	Motor Vehicle Transmission and Power Train Parts Manufacturing
336399	All Other Motor Vehicle Parts Manufacturing

42271	Petroleum Bulk Stations and Terminals
44111	New Car Dealers
44711	Gasoline Stations with Convenience Store
44719	Other Gasoline Stations
454311	Heating Oil Dealers
454312	Liquefied Petroleum Gas (Bottled Gas) Dealers
48411	General Freight Trucking, Local
48421	Used Household and Office Goods Moving
48422	Specialized Freight (except Used Goods) Trucking, Local
562111	Solid Waste Collection
562112	Hazardous Waste Collection
562119	Other Waste Collection
562211	Hazardous Waste Treatment and Disposal
562212	Solid Waste Landfill
562213	Solid Waste Combustors and Incinerators
562219	Other Non-hazardous Waste Treatment and Disposal
56292	Materials Recovery Facilities
811111	General Automotive Repair

4(b) INFORMATION REQUESTED

The following subsection presents the data items and respondent activities required for each of the broad information collection areas introduced in the previous section.

TANK SYSTEMS

Interim status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart J is expected to read the regulations.

No-free-liquids demonstration

(i) Data items:

40 CFR 265.190(a) releases tank system owner/operators from the requirements of §265.193 (containment and detection of releases) provided that the tanks are located in buildings with impermeable floors and are used to store or treat wastes that contain no free liquids. Owner/operators must demonstrate the absence of free liquids by using EPA Method 9095 (Paint Filter Liquids Test) as described in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods" (EPA Publication No. SW-846) in order to be exempt from these requirements. Data items for demonstrating the absence of free liquids include:

- C Results of the Paint Filter Liquids Test, performed as specified in SW-846.

(ii) Respondent activities:

Respondents must perform the following activities in performing this demonstration:

- C Perform the test as required; and
- C File results at the appropriate unit.

Assessment of existing tank systems' integrity(i) Data items:

Under 40 CFR 265.191 owner/operators of facilities with tank systems that (1) store or treat waste that becomes hazardous after July 14, 1986 and (2) do not meet the secondary containment requirements of 40 CFR 265.193 must determine that the tank systems are sufficient for storing or treating hazardous waste. Data items for this determination include:

- C For each tank system, a written assessment that has been reviewed and certified by an independent, qualified registered professional engineer in accordance with 40 CFR 270.11(d). At a minimum, the assessment must consider the following:
 - The design standards to which the tank and ancillary equipment were constructed;
 - Hazardous characteristics of the waste(s) that has been and will be handled;
 - Existing corrosion protection measures;
 - The tank's documented or estimated age; and
 - Results of a leak test performed as specified in 40 CFR 265.191(b)(5)(i) and (ii).

(ii) Respondent activities:

Respondents must perform the following activities in assessing their tank systems:

- C Perform the leak test as specified in 40 CFR 265.191(b)(5)(i) and (ii);
- C Write or have written an assessment certified by an independent, qualified, registered professional engineer that attests to the tank system's integrity; and
- C File the assessment at the unit.

Design and installation of new tank systems or components

(i) Data items:

40 CFR 265.192 requires owner/operators of new tank systems or components to obtain a written assessment attesting that the tank system is acceptable for storing and treating hazardous waste. In addition, owner/operators must obtain and keep on file at the unit statements written by those who designed the tank system and supervised its construction. These statements will verify that the system was designed and constructed properly. Data items for these requirements include:

- C For each new tank system, a written assessment that has been reviewed and certified by an independent, qualified, registered professional engineer in accordance with 40 CFR 270.11(d). At a minimum, the assessment must report on the following:
 - The design standards to which the tank and ancillary equipment were constructed;
 - Hazardous characteristics of the waste(s) to be handled;
 - For new systems or components in which any external metal component of the tank system will be in contact with soil or water, a determination by a corrosion expert of the factors affecting the potential for and protection from corrosion as specified in 40 CFR 265.192(a)(3)(i) and (ii);
 - For underground tank systems likely to be adversely affected by vehicular traffic, the design or operational measures that will protect the tank system from damage; and
 - Design considerations to ensure that: (1) tank foundations will maintain the load of a full tank, (2) the systems will not float or dislodge when placed in a saturated or seismic fault zone, and (3) the systems will withstand the effects of frost heave.
- C Maintain records of statements written by those who certify the tank system's design and supervise its installation (§265.192(g)). These records must verify that the system was designed and installed according to the regulatory requirements, and that any needed repairs were performed. They must also include the certification statement as required in 40 CFR 270.11(d).

(ii) Respondent activities:

Respondents must perform the following activities in complying with these requirements:

- C Prepare the written assessment and have it reviewed and certified;
- C Obtain written statements from those who certified the design of the tank system and supervised its installation; and

- C Maintain the written statements at the unit.

Containment and detection requirements

40 CFR 265.193 requires tank systems to have secondary containment that will prevent the release of hazardous constituents into the environment. New tank systems must have the containment installed prior to their being put into service. The dates by which containment must be installed on existing tank systems depend upon the waste types handled, the system's age, and other factors. The information collection requirements in this section include reports to the Regional Administrator that will exempt, when appropriate, tank system owner/operators from specific secondary containment standards. In addition, 40 CFR 265.193(g) allows owner/operators to obtain a variance from all secondary containment requirements if they can demonstrate to the Regional Administrator that alternative design and operating practices, together with location characteristics, will be as protective of the environment as secondary containment.

Equivalent containment devices

- (i) Data items:

40 CFR 265.193(d) requires all secondary containment for tank systems to include one or more of the following devices: a liner; a vault; a double-walled tank; or an equivalent device, as approved by the Regional Administrator. The regulations do not specify the means by which respondents will obtain approval of their equivalent containment devices. Though some respondents may choose to use a previously-approved containment device, this ICR assumes that owner/operators will submit to the Regional Administrator written information regarding the design and type of device, as well as additional information that may be necessary to substantiate a claim that the device is equivalent to a liner, vault, or double-walled tank. Therefore, data items required to obtain approval for an equivalent containment device include:

- C Written information regarding the design and type of containment device as well as additional information that may be necessary to substantiate a claim that the device is equivalent to a liner, vault, or double-walled tank.

- (ii) Respondent activities:

Respondents must perform the following activities in obtaining approval for their equivalent containment device:

- C Gather information regarding the design and type of containment device as well as additional information necessary to substantiate a claim that the device is equivalent to a liner, vault, or double-walled tank; and
- C Submit the information to the Regional Administrator.

Exemption from 24-hour leak detection requirement

(i) Data items:

40 CFR 265.193(e)(3)(iii) requires secondary containment systems to have a leak detection system that will detect a release within 24 hours. If owner/operators can demonstrate that existing technologies or site conditions will not allow detection within 24 hours, they may use a leak detection system that will detect failure or contamination "at the earliest practicable time." Data items required for this demonstration include:

- C Any such evidence regarding existing technologies or site conditions sufficient to show that the leak detection system cannot detect failure or contamination within 24 hours.

(ii) Respondent activities:

Respondents must perform the following activities in obtaining an exemption from the 24 hour detection requirement:

- C Compile evidence showing that the leak detection system cannot detect failure or contamination within 24 hours; and
- C Submit the evidence to the Regional Administrator.

Variance from secondary containment requirements

(i) Data items:

40 CFR 265.193(g) allows owner/operators to obtain a variance from all secondary containment requirements if they can demonstrate to the Regional Administrator that (1) alternative design and operating practices, together with location characteristics, will prevent the migration of hazardous constituents into the ground water or surface water as effectively as secondary containment or (2) if a release does migrate to ground or surface water, that the release will pose no substantial hazard. Data items required to obtain a variance from secondary containment include:

- C A written notification to the Regional Administrator indicating intent to conduct and submit a demonstration for a variance from secondary containment. This notification must contain:
 - A description of the steps necessary to conduct the demonstration (which must address each factor listed in 40 CFR 265.193(g)(1) and (2)); and
 - A timetable for completing each step.

(ii) Respondent activities:

Respondents must perform the following activities in obtaining a variance from secondary containment:

- C Prepare and submit, to the Regional Administrator, the notification of intent to conduct a demonstration (for existing tank systems, notification must be submitted 24 months prior to the date at which secondary containment must be provided; for new systems, notification must be submitted at least 30 days before entering into a contract to install the system);
- C Complete the demonstration in accordance with 40 CFR 265.193(g)(1) and (2); and
- C Submit the completed demonstration to the Regional Administrator within 180 days of submitting the notification.

Annual leak tests and inspections(i) Data items:

40 CFR 265.193(i) requires owner/operators, until they meet the secondary containment requirements, to conduct annual leak tests and/or inspections of their tanks and ancillary equipment. Records of these assessments must be kept on file at the unit. Data items required for these recordkeeping requirements are:

- C A record of the results of the leak tests and/or inspections required under 40 CFR 265.193(i).

(ii) Respondent activities:

Respondents must perform the following activities in filing a record of the assessment results:

- C For non-enterable underground tanks, conduct a leak test that meets the requirements of 40 CFR 265.191(b)(5);
- C For all other tanks and for ancillary equipment, conduct an annual leak test that meets the requirements in 40 CFR 265.191(b)(5) or have the tanks and equipment inspected as described in 40 CFR 265.193(i)(2);
- C Record the inspection and/or test results; and
- C Maintain on file at the unit a record of the results.

Inspections

40 CFR 265.195 requires owners and operators of interim tank systems to conduct inspections of their units. Data collected during these inspections must be documented in the operating record of the facility. Data items required for these recordkeeping requirements are listed below.

(i) Data items:

- C Documentation pertaining to the daily inspection, where present, of the following components of the tank system:
 - Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order;
 - The aboveground portions of the tank system, if any, to detect corrosion or release of waste;
 - Data gathered from monitoring equipment and leak-detection equipment (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; and
 - The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation).

- C Documentation pertaining to the inspection of cathodic protection systems, if present, according to, at a minimum, the following schedule to ensure that they are functioning properly:
 - The proper operation of the cathodic protection system must be confirmed within six months after initial installation, and annually thereafter; and
 - All sources of impressed current must be inspected and/or tested, as appropriate, at least bimonthly (i.e., every other month).

(ii) Respondent activities:

Respondents must perform the following activities in documenting in the operating record of the facility the inspection of the tank systems:

- C Record all inspection data; and
- C Maintain records of analyses.

Responses to leaks or spills; disposition of leaking or unfit-for-use tank systems

Exemption from the 24-hour waste removal requirement

(i) Data items:

40 CFR 265.196 requires a tank system or secondary containment system from which there has been a spill to be removed from service immediately. Paragraph (b) of that section requires owner/operators, within 24 hours, to remove enough waste from the system to prevent further release and allow for inspection and repair of the tank. If the owner/operator can demonstrate that it is not possible to do so within 24 hours, the waste may be removed at the earliest practicable time. Data items required for this demonstration include:

- C Any such evidence sufficient to show that, within 24 hours, the owner/operator cannot remove enough waste from the system to prevent further release and allow for system inspection and repair.

(ii) Respondent activities:

Respondents must perform the following activities in making this demonstration:

- C Compile evidence showing that, within 24 hours, enough waste cannot be removed from the system to prevent further release and allow for system inspection and repair; and
- C Submit the evidence to the Regional Administrator.

Release notifications and reports; major repair certifications

(i) Data items:

40 CFR 265.196(d) requires facilities to comply with certain reporting requirements in the case of a leak or spill. Owner/operators must notify the Regional Administrator of any release to the environment (except as defined in 40 CFR 265.196(d)(2)) within 24 hours of detection,¹ and submit a detailed report within 30 days. In addition, where the leak or spill is caused by major system damage, 40 CFR 265.196(f) requires that owner/operators submit to the Regional Administrator a certification of major repairs. This documents that the system has been repaired and is capable of handling hazardous waste without release, and must be submitted to the Regional Administrator within 7 days of returning the system to use. Data items required for release notifications and reports include:

- C A notification to the Regional Administrator that there has been a release;

¹ If the release has been reported pursuant to 40 CFR Part 302 (CERCLA §103), that report will satisfy this requirement.

- C A report to the Regional Administrator containing the following information:
- The release's likely migration route;
 - The surrounding soil characteristics;
 - The results of any monitoring or sampling conducted in connection with the release (if not available within 30 days, results must be submitted as soon as practicable);
 - The release's proximity to downgradient drinking water, surface water, and population areas; and
 - A description of the response actions taken or planned.

Data items required for a certification of major repairs include:

- C A certification by an independent, qualified, registered professional engineer in accordance with 40 CFR 270.11(d) that the repaired system is capable of handling hazardous wastes without release for the intended life of the system.

(ii) Respondent activities:

Respondents must perform the following activities in preparing and submitting release notifications and reports:

- C Within 24 hours of detection, notify the Regional Administrator that there has been a release; and
- C Within 30 days of detection, prepare a detailed report for submission to the Regional Administrator. In order to do so, owner/operators must:
- Determine the release's likely migration route;
 - Provide information on the surrounding soil characteristics;
 - Conduct appropriate monitoring or sampling;
 - Determine the release's proximity to downgradient drinking water, surface water, and population areas;
 - Describe the response actions taken or planned; and
 - Compile and submit the report to the Regional Administrator.

Respondents must perform the following activities in preparing and submitting a certification of major repairs:

- C Obtain a certification in accordance with 40 CFR 270.11(d); and
- C Within 7 days of returning the system to use, submit the certification to the Regional Administrator.

Closure and post-closure care

Decontamination demonstration

40 CFR 265.197 regulates tank system closure and post-closure care. Paragraph (a) stipulates that the closure plan, closure activities, cost estimates for closure, and financial responsibility for tank systems must meet all of the requirements of 40 CFR Subparts G and H. Tank systems will be required to submit a decontamination of soils demonstration under §264.197(b) and §265.197(b). All other information collection requirements for tank system closure and post-closure care are contained in EPA ICR Number 1571, "General Hazardous Waste Facility Standards."

(i) Data items:

No specific data items are to be included in this demonstration.

(ii) Respondent activities:

Respondents must perform the following activities in performing this demonstration:

- C Prepare decontamination demonstration; and
- C Submit demonstration to EPA.

Waste analysis and trial tests

40 CFR 265.200 requires interim status tank system owner/operators to gather waste analysis data (in addition to that required in §265.13) when a tank system is used to treat chemically or store a hazardous waste that is substantially different from waste previously treated or stored in that tank system; or treat chemically a hazardous waste with a substantially different process than any previously used in that tank system. If this is the case, the owner or operator must gather and maintain records on the following data items.

(i) Data items:

- C Documentation pertaining to waste analyses and trial treatment or storage tests (e.g., bench-scale or pilot-plant scale tests);

OR

- C Documentation on similar waste under similar operating conditions to show that the proposed treatment or storage will meet the requirements of §265.194(a).

- (ii) Respondent activities:

Respondents must perform the following activities in performing this demonstration:

- C Conduct the waste analyses and trial tests;
- C Obtain written, documented information to show that the proposed treatment or storage will meet the requirements of §265.194(a); and
- C Maintain information at the facility.

Air emission standards

40 CFR 265.202 requires owners and operators of interim status facilities to manage all hazardous waste placed in a tank in accordance with the applicable requirements of 40 CFR part 265, Subparts AA, BB, and CC. All data items and respondent activities under Subparts AA and BB, as applicable to tanks, are covered later in this ICR under process vents and equipment leaks, respectively. Data items and respondent activities under Subpart CC, as applicable to tanks, are covered in the Supporting Statement for EPA ICR Number 1593: "Standards of Performance for Air Emission Standards for Tanks, Surface Impoundments and Containers, 40 CFR Part 264, Subpart CC and 40 CFR Part 265, Subpart CC."

Permitted facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart J is expected to read the regulations.

No-free-liquids demonstration

- (i) Data items:

40 CFR 264.190(a) releases tank system owner/operators from the requirements of §§ 264.193 (containment and detection of releases) provided that the tanks are located in buildings with impermeable floors and are used to store or treat wastes that contain no free liquids. Owner/operators must demonstrate the absence of free liquids by using EPA Method 9095 (Paint Filter Liquids Test) as described in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods" (EPA Publication No. SW-846) in order to be exempt from these requirements. Data items for demonstrating the absence of free liquids include:

- C Results of the Paint Filter Liquids Test, performed as specified in SW-846.

(ii) Respondent activities:

Respondents must perform the following activities in performing this demonstration:

- C Perform the test as required; and
- C File results at appropriate unit.

Assessment of existing tank systems' integrity(i) Data items:

Under 40 CFR 264.191 owner/operators of facilities with tank systems that (1) store or treat waste that becomes hazardous after July 14, 1986 and (2) do not meet the secondary containment requirements of 40 CFR 264.193 must determine that the tank systems are sufficient for storing or treating hazardous waste. Data items for this determination include:

- C For each tank system, a written assessment that has been reviewed and certified by an independent, qualified registered professional engineer in accordance with 40 CFR 270.11(d). At a minimum, the assessment must consider the following:
 - The design standards to which the tank and ancillary equipment were constructed;
 - Hazardous characteristics of the waste(s) that has been and will be handled;
 - Existing corrosion protection measures;
 - The tank's documented or estimated age; and
 - Results of a leak test performed as specified in 40 CFR 264.191(b)(5)(i) and (ii).

(ii) Respondent activities:

Respondents must perform the following activities in assessing their tank systems:

- C Perform the leak test as specified in 40 CFR 264.191(b)(5)(i) and (ii);
- C Write or have written an assessment certified by an independent, qualified, registered professional engineer that attests to the tank system's integrity; and
- C File the assessment at the unit.

Design and installation of new tank systems or components

40 CFR 264.192 requires owner/operators of new tank systems or components to obtain a written assessment attesting that the tank system is acceptable for storing and treating hazardous waste. Since

permitted facilities submit this assessment with their part B permit application, activities associated with obtaining and submitting a written assessment are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

(i) Data items:

40 CFR 264.192(g) requires owner/operators to obtain and keep on file at the unit statements written by those who designed the tank system and supervised its construction. These statements will verify that the system was designed and constructed properly. Data items for this requirement include:

- C Maintaining records of statements written by those who certify the tank system's design and supervise its installation. These must verify that the system was designed and installed according to the regulatory requirements, and that any needed repairs were performed. They must also include the certification statement as required in 40 CFR 270.11(d).

(ii) Respondent activities:

Respondents must perform the following activities in complying with these requirements:

- C Obtain written statements from those who certified the design of the tank system and supervised its installation; and
- C Maintain the written statements at the unit.

Containment and detection requirements

Equivalent containment device

40 CFR 264.193(d) requires all secondary containment for tank systems to include one or more of the following devices: a liner; a vault; a double-walled tank; or an equivalent device, as approved by the Regional Administrator. The regulations do not specify the means by which respondents will obtain approval of their equivalent containment devices. Though some respondents may choose to use a previously-approved containment device, this ICR assumes that owner/operators will submit to the Regional Administrator written information regarding the design and type of device, as well as additional information that may be necessary to substantiate a claim that the device is equivalent to a liner, vault, or double-walled tank. Since permitted facilities submit an applications for obtaining equivalent containment device approval with their part B permit application, data items and activities associated with preparing and submitting this information are covered in the Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Exemption from 24-hour leak detection requirements

40 CFR 264.193(e)(3)(iii) requires secondary containment systems to have a leak detection system that will detect a release within 24 hours. If owner/operators can demonstrate that existing technologies or site conditions will not allow detection within 24 hours, they may use a leak detection

system that will detect failure or contamination "at the earliest practicable time." Since permitted facilities submit applications for exemption from 24-hour leak detection requirements with their part B permit application, data items and activities associated with preparing and submitting this information are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Variance from secondary containment requirements

40 CFR 264.193(g) allows owner/operators to obtain a variance from all secondary containment requirements if they can demonstrate to the Regional Administrator that (1) alternative design and operating practices, together with location characteristics, will prevent the migration of hazardous constituents into the ground water or surface water as effectively as secondary containment or (2) if a release does migrate to ground or surface water, that the release will pose no substantial hazard. Since permitted facilities submit an applications for variances from secondary containment requirements with their part B permit application, data items and activities associated with preparing and submitting this information are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Annual leak tests and inspections

(i) Data items:

40 CFR 264.193(i) requires owner/operators, until they meet the secondary containment requirements, to conduct annual leak tests on the tank system and ancillary equipment and/or develop a schedule and procedures for assessing their tanks. Records of the tests and assessments must be kept on file at the unit. Data items required for these recordkeeping requirements are:

- C A record of the results of the leak tests and/or inspections required under 40 CFR 264.193(i).

(ii) Respondent activities:

Respondents must perform the following activities in filing a record of the assessment results:

- C For non-enterable underground tanks, conduct a leak test that meets the requirements of 40 CFR 264.191(b)(5), or other method approved or required by the Regional Administrator;
- C For all other tanks and ancillary equipment, conduct the annual leak test (above) or develop a schedule and procedure, in accordance with 40 CFR 264.193(i)(2), for assessing the overall condition of the tank system. This assessment must be performed by an independent, qualified, registered professional engineer;
- C Record all inspection and/or test results; and
- C Maintain on file at the unit a record of the results.

Inspections

40 CFR 264.195 requires owners and operators of interim tank systems to conduct inspections of their units. Data collected during these inspections must be documented in the operating record of the facility. Data items required for these recordkeeping requirements are listed below.

(i) Data items:

- C Documentation pertaining to the inspection of overfill controls (i.e., schedule, procedures, and data collected during inspections).
- C Documentation pertaining to the daily inspection of the following components of the tank system:
 - The aboveground portions of the tank system, if any, to detect corrosion or release of waste;
 - Data gathered from monitoring equipment and leak-detection equipment (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; and
 - The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation).
- C Documentation pertaining to the inspection of cathodic protection systems, if present, according to, at a minimum, the following schedule to ensure that they are functioning properly:
 - The proper operation of the cathodic protection system must be confirmed within six months after initial installation, and annually thereafter; and
 - All sources of impressed current must be inspected and/or tested, as appropriate, at least bimonthly (i.e., every other month).

(ii) Respondent activities:

Respondents must perform the following activities in documenting in the operating record of the facility the inspection of the tank systems:

- C Record all inspection data; and
- C Maintain records of analyses.

Responses to leaks or spills; disposition of leaking or unfit-for-use tank systems

Exemption from the 24-hour waste removal requirement

(i) Data items:

40 CFR 264.196 requires a tank system or secondary containment system from which there has been a spill to be removed from service immediately. Paragraph (b) of that section requires owner/operators, within 24 hours, to remove enough waste from the system to prevent further release and allow for inspection and repair of the tank. If the owner/operator can demonstrate that it is not possible to do so within 24 hours, the waste may be removed at the earliest practicable time. Data items required for this demonstration include:

- C Any such evidence sufficient to show that, within 24 hours, the owner/operator cannot remove enough waste from the system to prevent further release and allow for system inspection and repair.

(ii) Respondent activities:

Respondents must perform the following activities in making this demonstration:

- C Compile evidence showing that, within 24 hours, enough waste cannot be removed from the system to prevent further release and allow for system inspection and repair; and
- C Submit the evidence to the Regional Administrator.

Release notifications and reports; major repair certifications

(i) Data items:

40 CFR 264.196(d) requires facilities to comply with certain reporting requirements in the case of a leak or spill. Owner/operators must notify the Regional Administrator of any release to the environment (except as defined in 40 CFR 264.196(d)(2)) within 24 hours of detection,² and submit a detailed report within 30 days. In addition, where the leak or spill is caused by major system damage, 40 CFR 264.196(f) requires that owner/operators submit to the Regional Administrator a certification of major repairs. This documents that the system has been repaired and is capable of handling hazardous waste without release, and must be submitted to the Regional Administrator within 7 days of returning the system to use. Data items required for release notifications and reports include:

- C A notification to the Regional Administrator that there has been a release;

² If the release has been reported pursuant to 40 CFR Part 302 (CERCLA §103), that report will satisfy this requirement.

- C A report to the Regional Administrator containing the following information:
- The release's likely migration route;
 - The surrounding soil characteristics;
 - The results of any monitoring or sampling conducted in connection with the release (if not available within 30 days, results must be submitted as soon as practicable);
 - The release's proximity to downgradient drinking water, surface water, and population areas; and
 - A description of the response actions taken or planned.

Data items required for a certification of major repairs include:

- C A certification by an independent, qualified, registered professional engineer in accordance with 40 CFR 270.11(d) that the repaired system is capable of handling hazardous wastes without release for the intended life of the system.

(ii) Respondent activities:

Respondents must perform the following activities in preparing and submitting release notifications and reports:

- C Within 24 hours of detection, notify the Regional Administrator that there has been a release;
- C Within 30 days of detection, prepare a detailed report for submission to the Regional Administrator. In order to do so, owner/operators must:
- Determine the release's likely migration route;
 - Provide information on the surrounding soil characteristics;
 - Conduct appropriate monitoring or sampling;
 - Determine the release's proximity to downgradient drinking water, surface water, and population areas;
 - Describe the response actions taken or planned; and
 - Compile and submit the report to the Regional Administrator.

Respondents must perform the following activities in preparing and submitting a certification of major repairs:

- C Obtain a certification in accordance with 40 CFR 270.11(d); and
- C Within 7 days of returning the system to use, submit the certification to the Regional Administrator.

Closure and post-closure care

Decontamination demonstration

40 CFR 264.197 regulates tank system closure and post-closure care. Paragraph (a) stipulates that the closure plan, closure activities, cost estimates for closure, and financial responsibility for tank systems must meet all of the requirements of 40 CFR Part 264, Subparts G and H. Tank systems will be required to submit a decontamination of soils demonstration under §264.197(b) and §265.197(b). All other information collection requirements for tank system closure and post-closure care are contained in ICR Number 1571, "General Hazardous Waste Facility Standards."

(i) Data items:

No specific data items are to be included in this demonstration.

(ii) Respondent activities:

Respondents must perform the following activities in performing this demonstration:

- C Prepare decontamination demonstration; and
- C Submit demonstration to EPA.

Air emission standards

40 CFR 264.200 requires owners and operators of permitted facilities to manage all hazardous waste placed in a tank in accordance with the applicable requirements of 40 CFR part 264, Subparts AA, BB, and CC. All data items and respondent activities under Subparts AA and BB, as applicable to tanks, are covered later in this ICR under process vents and equipment leaks, respectively. Data items and respondent activities under Subpart CC, as applicable to tanks, are covered in the Supporting Statement for EPA ICR Number 1593: "Standards of Performance for Air Emission Standards for Tanks, Surface Impoundments and Containers, 40 CFR Part 264, Subpart CC and 40 CFR Part 265, Subpart CC."

SURFACE IMPOUNDMENTS

Interim status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart K is expected to read the regulations.

Design and operating requirements

(i) Data items:

Under 40 CFR 265.221, interim status facilities will need to submit information to EPA or the authorized State if they seek an exemption from the liner and/or leachate system requirements specified in §265.221(a), (c), or (e). In seeking such exemptions, respondents will need to report and maintain records on the following data item:

- C A written assessment of alternate design and operating practices, together with location characteristics, that will prevent the migration of any hazardous constituents into the ground water or surface water as effectively as the requirements.

In addition, §265.221 requires interim status facilities to notify EPA at least 60 days before receiving waste. Respondents are also required to file Part B of their permit application within six months of EPA's receipt of the notification. The Part B information collection activities are described in the "Part B Permit Application, Permit Modification, and Special Permits ICR (EPA ICR Number 1573). The data item required to comply with the notification requirement is:

- C A notification to EPA or the authorized State at least 60 days prior to receiving waste.

Under the general operating requirements detailed in §265.222, facilities must assess their design features and operating plans with regard to dike overtopping prevention requirements. Records of these assessments must be maintained at the unit. The data items for this recordkeeping requirement include:

- C A written identification of the alternate design features or operating plans that will prevent overtopping of a dike; and
- C A certification from a qualified engineer that these alternate design features or operating plans will prevent overtopping.

(ii) Respondent activities:

In order to complete the assessment, facilities will need to perform the following activities:

- C Prepare and submit the written assessment of alternative design and operating practices to EPA or the authorized State; and

- C File and maintain the written assessment and related data at the unit.

Respondents will need to engage in the following activities in order to notify EPA before receiving waste:

- C Prepare the notification and submit it to the Regional Administrator.

Respondents will perform the following activities in assessing their dike overtopping design features and operating plans:

- C Prepare the written identification of the alternate design features or operating plans that will prevent overtopping of a dike;
- C Obtain the certification from a qualified engineer that these alternate design features or operating plans will prevent overtopping; and
- C Maintain the certification and written identification at the unit.

Developing and submitting action leakage rates

Pursuant to section 265.222(a), the owner or operator of each new and replacement surface impoundment and each lateral expansion of a surface impoundment subject to §265.221(a) must propose an action leakage rate, with rationale, to EPA when submitting the notice required under §265.221(b) for interim status facilities. After 60 days from the notification date, the action leakage rate will be established as proposed by the interim status owner or operator, unless otherwise acted upon by EPA. In addition, §265.73 requires owners or operators to maintain records of all monitoring, testing, or analytical data, and corrective action in connection with the action leakage rate, as required under §265.222.

(i) Data item:

- C A proposed action leakage rate that is the maximum design flow rate that the leak detection system can remove without the fluid head on the bottom liner exceeding one (1) foot, allowing for an adequate safety margin to allow for uncertainties in the design, construction, operation, and location of the leak detection system; waste and leachate characteristics; likelihood and amounts of other sources of liquids in the leak detection system; and proposed response actions.

(ii) Respondent activities:

Respondents must perform the following activities for developing action leakage rates:

- C Develop and submit to EPA a proposed action leakage rate and rationale, as specified in section 265.222; and
- C Maintain results of analyses, as required by §265.73.

Calculating average daily flow rates

To determine if the action leakage rate has been exceeded, the owner or operator of the surface impoundment must use the weekly or monthly flow rates from the monitoring data obtained under §265.226(b) and calculate average daily flow rates (in gallons per acre per day), in accordance with §265.222(c). Unless EPA specifies otherwise, the average daily flow rates for each sump must be calculated weekly during the active life and closure period, and monthly during the post-closure care period, if the unit is closed in accordance with section 265.228(b), and when required under section 265.226(b).

(i) Data item:

- C Calculation of the average daily flow rates weekly during the active life and closure period, and monthly during the post-closure care period.

(ii) Respondent activity:

Respondents must perform the following activity:

- C Calculate average daily flow rates as required by §265.222(c).

Completion and submittal of the Response Action Plan and recordkeeping of response actions

Section 265.223(a) require the owner or operator of each new surface impoundment unit, each replacement of an existing surface impoundment unit, and each lateral expansion of a surface impoundment unit subject to section 265.221(a) to prepare a Response Action Plan (RAP). The plan must set forth the actions to be taken if the action leakage rate has been exceeded. It must describe, at a minimum, the actions required under §265.223(b). Interim status facilities must submit the RAP to EPA when submitting the action leakage rate under §265.223(a).

(i) Data item:

- C Response Action Plan.

(ii) Respondent activities:

- C Develop Response Action Plan;
- C Submit Response Action Plan to the Regional Administrator; and
- C Maintain a copy of the Response Action Plan and records of analyses.

Action leakage reporting

In the event the flow rate into the leak detection system exceeds the action leakage rate, section 265.223(b) requires the owner or operator to undertake the following activities.

(i) Data items:

The following data items are required if the action leakage rate is exceeded:

- C Notification to the Regional Administrator, in writing, of the exceedance within seven days of the determination;
- C Submittal of a preliminary written assessment to the Regional Administrator within 14 days of the determination, as to the amount of liquids, likely sources of liquids, possible location, size and cause of any leaks, and short-term actions taken and planned;
- C Determination of, to the extent practicable, the location, size, and cause of any leaks;
- C Determination as to whether waste receipt should cease or be curtailed;
- C Determination as to whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determination of any other short-term and longer-term actions to be taken to mitigate or stop any leaks; and
- C Submittal to the Regional Administrator, within 30 days after the notification that the action leakage rate has been exceeded, the results of the analyses specified, the results of actions taken, and actions planned. As long as the ALR is exceeded, the owner or operator must submit to the Regional Administrator monthly reports summarizing the results of any remedial actions taken and actions planned.

(ii) Respondent activities:

Respondents must perform the following activities as specified in the RAP:

- C Notify the Regional Administrator, in writing, of the exceedance within seven days of the determination, as required by §265.223(b)(1);
- C Submit a preliminary written assessment to the Regional Administrator within 14 days of the determination, as required §265.223(b)(2);
- C Determine, to the extent practicable, the location, size and cause of any leak, as required by §265.223(b)(3);
- C Determine whether waste receipt should cease or be curtailed;

- C Determine whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determine any other short-term and longer-term actions to be taken to mitigate or stop any leaks, as required by §265.223(b)(5); and
- C Submit to the Regional Administrator, within 30 days after the notification that the ALR has been exceeded, the results of the analyses specified in paragraphs(b)(3), (4), and (5), the results of the actions taken, and actions planned, and monthly thereafter as required by §265.223(b)(6).

Remediation determination analyses

In order to make the leak and/or remediation determinations under paragraphs (b)(3), (4) and (5) of section 265.223, the owner or operator must collect the following data items.

(i) Data items:

- C Assessment of the source liquids and amounts of liquids by source;
- C Execution of a fingerprint, hazardous constituent, of other analyses of the liquids in the leak detection system to identify the source of liquids and possible location of any leaks, and the hazard and mobility of the liquid; and
- C Assessment of the seriousness of any leaks in terms of potential for escaping into the environment.

OR

- C Documentation as to why assessments above are not needed.

(ii) Respondent activities:

Respondents must perform the following activities when conducting a remediation determination analyses:

- C Perform the following activities to make leak and/or remediation determinations:
 - Assess the source of liquids and amounts of liquids, as required by section §265.223(c)(1)(i);
 - Conduct a fingerprint, hazardous constituent, or other analyses, as required by section §265.223(c)(1)(ii); and
 - Assess the seriousness of any leaks, as required by section 265.223(c)(1)(ii).

OR

- Document why assessments above are not needed, as required by §265.223(c)(1)(iii).

Waste analysis and trial tests

(i) Data items:

40 CFR 265.225 requires interim status surface impoundment owner/operators to gather waste analysis data (in addition to that required in §264.13) when a surface impoundment is used to chemically treat hazardous waste with a substantially different method than any previously used in the same impoundment. If this is the case, the owner or operator must gather and maintain records on the following data items:

- C Documentation pertaining to waste analyses and trial treatment tests (e.g., bench-scale or pilot-plant scale tests); and
- C Documentation on similar treatment of similar waste under similar operating conditions to show that the treatment will comply with §265.17(b).

(ii) Respondent activities:

Respondents must perform the following activities in gathering these data:

- C Conduct waste analyses and trial tests;
- C Obtain written, documented information to show that the treatment will comply with §265.17(b); and
- C File and store this information at the unit.

Monitoring and inspections

Section 265.226(b) require owners or operators of each new surface impoundment unit, each replacement of an existing surface impoundment unit, and each lateral expansion of a surface impoundment unit required to have leak detection systems (LDS) under section 265.221(a) to record specified inspection activities. In addition, section 265.73 requires owners and operators to maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 265.226.

(i) Data items:

- C Records pertaining to the level of any liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each week during the active life and closure period, as specified in §265.226(b)(1); and, if applicable, at least monthly during the post-closure care period, at least quarterly if the liquid level in the sump stays below the pump operating level for two consecutive months, or at least semi-annually if

the liquid level in the sump stays below the pump operating level for two consecutive quarters, as specified in §265.226(b)(2); and

- C Recordkeeping, as required by §265.73, of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 265.226.

(ii) Respondent activities:

Respondents must perform the following activities for actions associated with monitoring and inspections:

- C Record the level of any liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each week during the active life and closure period, as required by §265.226(b)(1); and, if applicable, at least monthly during the post-closure care period, at least quarterly if the liquid level in the sump stays below the pump operating level for two consecutive months, or at least semi-annually if the liquid level in the sump stays below the pump operating level for two consecutive quarters, as specified in §265.226(b)(2); and
- C Maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities, in accordance with section 265.73.

Developing and submitting pump operating levels

Section 265.226(b)(3) require owners or operators of each new surface impoundment unit, each replacement of an existing surface impoundment unit, and each lateral expansion of a surface impoundment unit required to have leak detection systems (LDS) under section 265.221(a) to submit pump operating level proposals, with rationale, to EPA when submitting the action leakage rate proposal required under §265.222(a). In addition, section 265.73 require owners and operators to maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 265.226.

(i) Data items:

- C A proposed pump operating level that is a liquid level based on the pump activation level, sump dimensions, and level that avoids backup into the drainage layer and that minimizes the head in the sump; and
- C Recordkeeping, as required by §265.73, of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 265.226.

(ii) Respondent activities:

Respondents must perform the following activities when developing pump operating levels:

- C Develop and submit to the Regional Administrator a pump operating level and rationale, as specified in section 265.226(b)(3); and
- C Maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities, in accordance with section 265.73.

Requirements for ignitable or reactive waste(i) Data items:

Under 40 CFR 265.229, interim status facilities may not place ignitable or reactive waste in a surface impoundment unless the waste meets the specifications of §265.229(a) or the impoundment is used solely for emergencies, or: (1) the waste is protected from any conditions that may cause it to ignite or react, and (2) the owner/operator obtains a certification from a chemist or engineer that the design features or unit operating plans will prevent ignition or reaction, and (3) the certification and the basis for it are maintained at the unit. The data items required to comply with the certification requirement are:

- C A certification from a qualified chemist or engineer that the design features or unit operating plans will prevent ignition or reaction; and
- C The basis by which the chemist or engineer made the certification.

(ii) Respondent activities:

Respondents must perform the following activities to comply with this data collection:

- C Obtain the certification as required in 40 CFR 265.229; and
- C File and maintain this certification and related data at the unit.

Closure(i) Data items:

Under 40 CFR 265.113(e) an owner or operator of a hazardous waste surface impoundment that is not in compliance with the liner and leachate collection system requirements in 42 U.S.C. 3004(o)(1) and 3005(j)(1) or 2 U.S.C. 3004(o)(2) or (3) or 3005(j)(2), (3),(4), or (13) must implement closure and corrective action measures. The data items required to comply with these requirements are:

- C A contingent corrective measures plan, unless a corrective action plan has already been submitted under;

- C A plan for removing hazardous wastes in compliance with paragraph (e)(2) of this section;
 - C An extension request, based on a demonstration that the removal of hazardous wastes will, of necessity, take longer than the allotted period to complete and that an extension will not pose a threat to human health and the environment; and
 - C A semi-annual report to the Regional Administrator that describes the progress of the corrective action program.
- (ii) Respondent activities:
- C Prepare and submit a contingent corrective measures plan in accordance with §265.113(e)(1)(i);
 - C Prepare and submit a hazardous waste removal plan in accordance with §265.113(e)(1)(ii);
 - C Prepare and submit an extension request, as specified in §265.113(e)(3); and
 - C Prepare and submit a corrective action report twice per year, as required by §265.113(e)(5).

Air emission standards

40 CFR 265.231 requires owners and operators of interim status facilities to manage all hazardous waste placed in a surface impoundment in accordance with the applicable requirements of 40 CFR part 265, Subparts BB and CC. All data items and respondent activities under Subpart BB, as applicable to surface impoundments, are covered later in this ICR under equipment leaks. Data items and respondent activities under Subpart CC, as applicable to surface impoundments, are covered in the Supporting Statement for EPA ICR Number 1593: "Standards of Performance for Air Emission Standards for Tanks, Surface Impoundments and Containers, 40 CFR Part 264, Subpart CC and 40 CFR Part 265, Subpart CC."

Permitted facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart K is expected to read the regulations.

Design and operating requirements

Under 40 CFR 264.221, facilities will need to submit information to EPA or the authorized State if they seek an exemption from the liner and/or leachate system requirements specified in §264.221(a), (c), or (e). Since permitted facilities submit applications for exemption from the liner and/or leachate system requirements with their part B permit application, data items and activities associated with

preparing and submitting applications for exemption from the liner and/or leachate system requirements are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Calculating average daily flow rates

To determine if the action leakage rate has been exceeded, the owner or operator of the surface impoundment must use the weekly or monthly flow rates from the monitoring data obtained under §264.226(d) and calculate average daily flow rates (in gallons per acre per day), in accordance with §264.222(b). Unless EPA specifies otherwise, the average daily flow rates for each sump must be calculated weekly during the active life and closure period, and monthly during the post-closure care period, if the unit is closed in accordance with section 264.228(b), and when required under section 264.226(d).

(i) Data item:

- c Calculation of the average daily flow rates weekly during the active life and closure period, and monthly during the post-closure care period.

(ii) Respondent activity:

Respondents must perform the following activity:

- c Calculate the average daily flow rates as required by §264.222(b).

Completion and submittal of the Response Action Plan and recordkeeping of response actions

Section 264.223(a) require the owner or operator of each new surface impoundment unit, each replacement of an existing surface impoundment unit, and each lateral expansion of a surface impoundment unit subject to section 264.221(a) to prepare a Response Action Plan (RAP). The plan must set forth the actions to be taken if the action leakage rate has been exceeded. It must describe, at a minimum, the actions required under §264.223(b). Permitted facilities and facilities seeking initial permits must submit the RAP for EPA approval in a Part B permit application or modification before the receipt of waste. Data items and respondent activities associated with preparing and submitting the RAP are covered in the "Part B Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Action leakage reporting

In the event the flow rate into the leak detection system exceeds the action leakage rate (ALR), section 264.223(b) requires the owner or operator to undertake the following activities.

(i) Data items:

The following activities must be taken if the action leakage rate is exceeded:

- C Notification to the Regional Administrator, in writing, of the exceedance within seven days of the determination;
- C Submittal of a preliminary written assessment to the Regional Administrator within 14 days of the determination, as to the amount of liquids, likely sources of liquids, possible location, size and cause of any leaks, and short-term actions taken and planned;
- C Determination of, to the extent practicable, the location, size, and cause of any leaks;
- C Determination as to whether waste receipt should cease or be curtailed;
- C Determination as to whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determination of any other short-term and longer-term actions to be taken to mitigate or stop any leaks; and
- C Submittal to the Regional Administrator, within 30 days after the notification that the action leakage rate has been exceeded, the results of the analyses specified, the results of actions taken, and actions planned. As long as the ALR is exceeded, the owner or operator must submit to the Regional Administrator monthly reports summarizing the results of any remedial actions taken and actions planned.

(ii) Respondent activities:

Respondents must perform the following activities as specified in the RAP:

- C Notify the Regional Administrator, in writing, of the exceedance within seven days of the determination, as required by §264.223(b)(1);
- C Submit a preliminary written assessment to the Regional Administrator within 14 days of the determination, as required by §264.223(b)(2);
- C Determine, to the extent practicable, the location, size and cause of any leak, as required by §264.223(b)(3);
- C Determine whether waste receipt should cease or be curtailed;
- C Determine whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determine any other short-term and longer-term actions to be taken to mitigate or stop any leaks, as required by §264.223(b)(5); and
- C Submit to the Regional Administrator, within 30 days after the notification that the ALR has been exceeded, the results of the analyses specified in paragraphs(b)(3), (4), and (5),

the results of the actions taken, and actions planned, and monthly thereafter as required by §264.223(b)(6).

Remediation determination analyses

In order to make the leak and/or remediation determinations under paragraphs (b)(3), (4) and (5) of section 264.223, the owner or operator to undertake the following activities.

(i) Data items:

- C Assessment of the source liquids and amounts of liquids by source;
- C Execution of a fingerprint, hazardous constituent, of other analyses of the liquids in the leak detection system to identify the source of liquids and possible location of any leaks, and the hazard and mobility of the liquid; and
- C Assessment of the seriousness of any leaks in terms of potential for escaping into the environment.

OR

- C Documentation as to why assessments above are not needed.

(ii) Respondent activities:

Respondents must perform the following activities when conducting remediation determination analyses:

- C Perform the following activities to make leak and/or remediation determinations:
 - Assess the source of liquids and amounts of liquids, as required by sections 264.223(c)(1)(i);
 - Conduct a fingerprint, hazardous constituent, or other analyses, as required by section 264.223(c)(1)(ii); and
 - Assess the seriousness of any leaks, as required by sections 264.223(c)(1)(ii).

OR

- Document why assessments above are not needed, as required by §264.223(c)(1)(iii).

Dike re-certification

(i) Data items:

Under 40 CFR 264.226(c) surface impoundment owner/operators must, prior to issuance of a permit and after any extended period of time in which the impoundment was not in use, obtain a certification from a qualified engineer that the impoundment's dike has sufficient structural integrity. Since permitted facilities submit these certifications prior to or with their part B permit application, data items and activities associated with preparing and submitting these certifications are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573). The burden associated with re-certifying dikes after extended periods of non-use is covered in this ICR. The data item required to comply with this requirement includes:

- C A certification from a qualified engineer that the impoundment's dike, including any portion of the dike that provides freeboard, has structural integrity according to the standards detailed in §264.226(c)(1) and (2).

(ii) Respondent activities:

To fulfill this requirement, permittees will need to perform the following activities:

- C Obtain the certification from a qualified engineer; and
- C File and maintain certification and related data at the unit.

Monitoring and inspections

Section 264.226(d) requires owners or operators of each new surface impoundment unit, each replacement of an existing surface impoundment unit, and each lateral expansion of a surface impoundment unit required to have leak detection systems (LDS) under section 264.221(c) and (d), to record specified inspection activities. In addition, section 264.73 requires owners and operators to maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 264.226.

(i) Data items:

- C Records pertaining to the level of any liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each week during the active life and closure period, as specified in §264.226(d)(1); and, if applicable, at least monthly during the post-closure care period, at least quarterly if the liquid level in the sump stays below the pump operating level for two consecutive months, or at least semi-annually if the liquid level in the sump stays below the pump operating level for two consecutive quarters, as specified in §264.226(d)(2); and
- C Recordkeeping, as required by §264.73, of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 264.226.

(ii) Respondent activities:

Respondents must perform the following activities for actions associated with monitoring and inspections:

- C Record the level of any liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each week during the active life and closure period, as required by §264.226(d)(1); and, if applicable, at least monthly during the post-closure care period, at least quarterly if the liquid level in the sump stays below the pump operating level for two consecutive months, or at least semi-annually if the liquid level in the sump stays below the pump operating level for two consecutive quarters, as specified in §264.226(d)(2); and
- C Maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities, in accordance with §264.73.

Emergency repairs and contingency plans(i) Data items:

40 CFR 264.227 details criteria applicable to during emergency situations (i.e., those in which there is a precipitous drop in liquid levels or the impoundment is known to be leaking). For each surface impoundment removed from service under §264.227(a) owner/operators must, in addition to complying with other requirements, provide the following data item:

- C A written notification to the Regional Administrator of a surface impoundment's removal from service.

In addition, §264.227(d)(2)(ii) stipulates that no surface impoundment that contains a liner system and has been removed from service under §264.227(a)(1) may be restored to service unless the repaired liner system is certified by an engineer as meeting the design specifications approved in the permit. The data item required under this paragraph includes:

- C A certification by a qualified engineer that the repaired liner system meets the design specifications approved in the permit.

(ii) Respondent activities:

In order to complete this notification, permittees will need to engage in the following activities:

- C Within seven days, notify the Regional Administrator in writing of a surface impoundment's removal from service; and
- C File and maintain related data.

Respondents must perform the following activities in recertifying dikes:

- C Obtain certification of the dike's sufficient structural integrity; and
- C Maintain the certification on file.

OR

- C Obtain a liner repair certification, as required under §264.227(d)(2)(ii); and
- C Maintain the certification on file.

Closure

(i) Data items:

Under 40 CFR 264.113(e) an owner or operator of a hazardous waste surface impoundment that is not in compliance with the liner and leachate collection system requirements in 42 U.S.C. 3004(o)(1) and 3005(j)(1) or 2 U.S.C. 3004(o)(2) or (3) or 3005(j)(2), (3),(4), or (13) must implement closure and corrective action measures. The data items required to comply with these requirements are:

- C A contingent corrective measures plan, unless a corrective action plan has already been submitted under;
- C A plan for removing hazardous wastes in compliance with paragraph (e)(2) of this section;
- C An extension request, based on a demonstration that the removal of hazardous wastes will, of necessity, take longer than the allotted period to complete and that an extension will not pose a threat to human health and the environment; and
- C A semi-annual report to the Regional Administrator that describes the progress of the corrective action program.

(ii) Respondent activities:

- C Prepare and submit a contingent corrective measures plan in accordance with §264.113(e)(1)(i);
- C Prepare and submit a hazardous waste removal plan in accordance with §264.113(e)(1)(ii);
- C Prepare and submit an extension request, as specified in §264.113(e)(3); and
- C Prepare and submit a corrective action report twice per year, as required by §264.113(e)(5).

Special requirements for hazardous wastes F020, F021, F022, F023, F026, and F027

40 CFR 264.231 prohibits placing F020, F021, F022, F023, F026, and F027 wastes in any surface impoundment unless the owner/operator operates the impoundment in accordance with a management plan approved by the Regional Administrator. Since the waste management plan is submitted with the Part B permit application, data items and respondent activities associated with this requirement are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (1573).

Air emission standards

40 CFR 264.232 requires owners and operators of permitted facilities to manage all hazardous waste placed in a surface impoundment in accordance with the applicable requirements of 40 CFR part 264, Subparts BB and CC. All data items and respondent activities under Subpart BB, as applicable to surface impoundments, are covered later in this ICR under equipment leaks. Data items and respondent activities under Subpart CC, as applicable to surface impoundments, are covered in the Supporting Statement for EPA ICR Number 1593: "Standards of Performance for Air Emission Standards for Tanks, Surface Impoundments and Containers, 40 CFR Part 264, Subpart CC and 40 CFR Part 265, Subpart CC."

WASTE PILES

Interim status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart L is expected to read the regulations.

Waste analysis

40 CFR 265.252 requires interim status waste pile owner/operators to analyze a representative sample of waste from each incoming movement before adding the waste to any existing pile, unless (1) the only wastes the facility receives which are amenable to piling are compatible with each other, or (2) the waste received is compatible with the waste in the pile to which it is to be added. The analysis conducted must be able to differentiating between the types of hazardous waste the owner or operator places in piles, so that mixing of incompatible waste does not inadvertently occur. The analysis must include a visual comparison of color and texture. These waste analyses are in addition to the analyses required under §265.13.

(i) Data item:

- C Waste analysis data from each incoming movement before adding the waste to any existing pile.

(ii) Respondent activities:

Respondents must perform the following activities in gathering this data:

- C Conduct waste analyses; and
- C File and store waste analysis data.

Exemption from design and operating requirements(i) Data items:

40 CFR 265.254 requires waste piles to comply with the regulations established 40 CFR 264.251 by having liners and leachate collection and removal systems sufficient to prevent any waste migration for the active life of the pile (including the closure period). It also details design, construction, and installation requirements for the liners and collection systems. 40 CFR 265.254 also exempts waste piles from the requirements in paragraph §264.251(a) if the owner/operator can demonstrate to the Regional Administrator that alternate design and operating practices, together with location characteristics, will prevent hazardous constituents from migrating into the ground or surface water at any future time. Though the regulations provide no specific details regarding the demonstrations' content, they do list information that the Regional Administrator will consider in deciding whether to grant an exemption. This ICR assumes that respondents will include this information when submitting their demonstration. Therefore, the data items required for an exemption from §264.251(a) are:

- C Information regarding the nature and quantity of the wastes;
- C The proposed alternate design and operation;
- C The unit's hydrogeologic setting, including attenuative capacity and thickness of the liners and soils present between the pile and ground water or surface water; and
- C All other factors that would influence the quality and mobility of the leachate produced and the potential for it to migrate to ground water or surface water.

(ii) Respondent activities:

Respondents must perform the following activities in making this demonstration:

- C Gather the information necessary to provide adequate demonstration; and
- C Submit the information to the Regional Administrator.

Variance from design and operating requirements

(i) Data items:

40 CFR 265.254 also allows waste piles to seek a variance from the liner/leachate system design requirements in 40 CFR 264.251(a) by submitting an alternative design or operating practices to the Regional Administrator for approval, as long as the alternative complies with the requirements contained in 40 CFR 264.251(d). Though the regulations provide no specific details regarding the variance's content, they do list information that the Regional Administrator will consider in deciding whether to grant a variance. This ICR assumes that respondents will include this information when submitting their demonstration.

(ii) Respondent activities:

Respondents must perform the following activities in making this demonstration:

- C Gather the information necessary for demonstrating an alternative design; and
- C Submit the information to the Regional Administrator.

Developing and submitting action leakage rates

Pursuant to section 265.255(a), the owner or operator of each new and replacement waste pile and each lateral expansion of a waste pile subject to §265.254 must propose an action leakage rate (ALR) to EPA when submitting the notice required under §265.254 for interim status facilities. After 60 days from the notification date, the ALR will be established as proposed by the interim status owner or operator, unless otherwise acted upon by EPA. In addition, §265.73 requires owners and operators to maintain records of all monitoring, testing, or analytical data, and corrective action in connection with action leakage rates, as required under §265.255.

(i) Data item:

- C A proposed action leakage rate (ALR) that is the maximum design flow rate that the leak detection system (LDS) can remove without the fluid head on the bottom liner exceeding one (1) foot, allowing for an adequate safety margin to allow for uncertainties in the design, construction, operation, and location of the LDS; waste and leachate characteristics; likelihood and amounts of other sources of liquids in the LDS; and proposed response actions.

(ii) Respondent activities:

Respondents must perform the following activities for developing action leakage rates:

- C Develop and submit to EPA a proposed action leakage rate, as specified in section 265.255; and
- C Maintain results of analyses, as required by §265.73.

Calculating average daily flow rates

To determine if the action leakage rate has been exceeded, the owner or operator of the waste pile must use the weekly flow rates from the monitoring data obtained under §265.260 and calculate average daily flow rates (in gallons per acre per day), in accordance with §265.255(c). Unless EPA specifies otherwise, the average daily flow rates for each sump must be calculated weekly during the active life and closure period.

(i) Data item:

- ☐ Calculation of the average daily flow rates weekly during the active life and closure period.

(ii) Respondent activity:

Respondents must perform the following activity:

- ☐ Calculate the average daily flow rates, as required by §265.255(c).

Completion and submittal of the Response Action Plan and recordkeeping of response actions

Section 265.259(a) requires the owner or operator of each new waste pile unit, each replacement of an existing waste pile unit, and each lateral expansion of a waste pile unit subject to section 265.254 to prepare and submit to EPA a Response Action Plan (RAP). The plan must set forth the actions to be taken if the action leakage rate has been exceeded. It must describe, at a minimum, the actions required under section 265.259(b). Interim status facilities must submit the RAP to EPA when submitting the ALR under §265.255.

(i) Data item:

- ☐ Response Action Plan.

(ii) Respondent activities:

- ☐ Develop Response Action Plan;
- ☐ Submit Response Action Plan to the Regional Administrator; and
- ☐ Maintain a copy of the Response Action Plan and records of analyses.

Action leakage reporting

In the event the flow rate into the leak detection system exceeds the action leakage rate, section 265.259(b) requires the owner or operator to collect the following data items.

(i) Data items:

The following data items are required if the action leakage rate is exceeded:

- C Notification to the Regional Administrator, in writing, of the exceedance within seven days of the determination;
- C Submittal of a preliminary written assessment to the Regional Administrator within 14 days of the determination, as the amount of liquids, likely sources of liquids, possible location, size and cause of any leaks, and short-term actions taken and planned;
- C Determination of, to the extent practicable, the location, size, and cause of any leaks;
- C Determination as to whether waste receipt should cease or be curtailed;
- C Determination as to whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determination of any other short-term and longer-term actions to be taken to mitigate or stop any leaks; and
- C Submittal to the Regional Administrator, within 30 days after the notification that the action leakage rate has been exceeded, the results of the analyses specified, the results of actions taken, and actions planned. As long as the ALR is exceeded, the owner or operator must submit to the Regional Administrator monthly reports summarizing the results of any remedial actions taken and actions planned.

(ii) Respondent activities:

Respondents must perform the following activities as outlined in the RAP:

- C Notify the Regional Administrator, in writing, of the exceedance within seven days of the determination, as required by §265.259(b)(1);
- C Submit a preliminary written assessment to the Regional Administrator within 14 days of the determination, as required by §265.259(b)(2);
- C Determine, to the extent practicable, the location, size and cause of any leak, as required by §265.259(b)(3);
- C Determine whether waste receipt should cease or be curtailed;
- C Determine whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determine any other short-term and longer-term actions to be taken to mitigate or stop any leaks, as required by §265.259(b)(5); and

- C Submit to the Regional Administrator, within 30 days after the notification that the ALR has been exceeded, the results of the analyses specified in paragraphs(b)(3), (4), and (5), the results of the actions taken, and actions planned, and monthly thereafter as required by §265.259(b)(6).

Remediation determination analyses

In order to make the leak and/or remediation determinations under paragraphs (b)(3), (4) and (5) of section 265.259, the owner or operator must collect the following data items.

(i) Data items:

- C Assessment of the source liquids and amounts of liquids by source;
- C Execution of a fingerprint, hazardous constituent, of other analyses of the liquids in the leak detection system to identify the source of liquids and possible location of any leaks, and the hazard and mobility of the liquid; and
- C Assessment of the seriousness of any leaks in terms of potential for escaping into the environment.

OR

- C Documentation as to why assessments above are not needed.

(ii) Respondent activities:

Respondents must perform the following activities when conducting remediation determination analyses:

- C Perform the following activities to make leak and/or remediation determinations:
 - Assess the source of liquids and amounts of liquids, as required by sections 265.259(c)(1)(i);
 - Conduct a fingerprint, hazardous constituent, or other analyses, as required by section 265.259(c)(1)(ii); and
 - Assess the seriousness of any leaks, as required by section 265.259(c)(1)(ii).

OR

- Document why assessments above are not needed, as required by §265.259(c)(1)(iii).

Monitoring and inspections

Section 265.260 requires owners or operators of each new waste pile unit, each replacement of an existing waste pile unit, and each lateral expansion of a waste pile unit required to have leak detection systems under §265.254 to record specified inspection activities. In addition, section 265.73 require owners or operators to maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 265.260.

(i) Data items:

- C Records pertaining to the level of any liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each week during the active life and closure period, as specified in §265.260; and
- C Recordkeeping, as required by §265.73, of records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities as required under section 265.260.

(ii) Respondent activities:

Respondents must perform the following activities for actions associated with monitoring and inspections:

- C Record the level of any liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each week during the active life and closure period, as required by §265.260; and
- C Maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities, in accordance with §265.73.

Permitted facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart L is expected to read the regulations.

Exemption from design and operating requirements

40 CFR 264.251(a) requires owner/operators to comply with the provisions in 40 CFR 264.251. Under 40 CFR 264.251(a), owner/operators with waste piles subject to Subpart L are required to have liners and leachate collection and removal systems sufficient to prevent any waste migration for the active life of the pile (including the closure period). This citation also details design, construction, and installation requirements for the liners and collection systems. 40 CFR 264.251(b) exempts waste piles from the requirements in §264.251(a) if the owner/operator can demonstrate to the Regional Administrator that alternate design and operating practices, together with location characteristics, will prevent hazardous constituents from migrating into the ground or surface water at any future time. Since

permitted facilities submit applications for exemption from 40 CFR 264.251 with their part B permit application, data items and activities associated with this exemption are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Variance from design and operating requirements

40 CFR 264.251(d) allows owner/operators of waste piles to seek a variance from the liner/leachate system requirements by submitting an alternative design or operating practices, as long as the alternative complies with the requirements given in section 264.251(d). Since permitted facilities submit applications for variance from 40 CFR 264.251 with their part B permit application, data items and activities associated with this variance are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Calculating average daily flow rates

To determine if the action leakage rate has been exceeded, the owner or operator of the waste pile must use the weekly flow rates from the monitoring data obtained under §264.254(c) and calculate average daily flow rates (in gallons per acre per day), in accordance with §264.252(b). Unless EPA specifies otherwise, the average daily flow rates for each sump must be calculated weekly during the active life and closure period.

(i) Data item:

- c Calculation of the average daily flow rates weekly during the active life and closure period.

(ii) Respondent activity:

Respondents must perform the following activity:

- c Calculate the average daily flow rates as required by §264.252(b).

Completion and submittal of the Response Action Plan and recordkeeping of response actions

Section 264.253(a) requires the owner or operator of each new waste pile unit, each replacement of an existing waste pile unit, and each lateral expansion of a waste pile unit subject to section 264.253(c) or (d) to prepare and submit to EPA a Response Action Plan (RAP). The plan must set forth the actions to be taken if the action leakage rate has been exceeded. It must describe, at a minimum, the actions required under §264.253(b). Permitted facilities and facilities seeking initial permits must submit the RAP for EPA approval in a Part B permit application or modification before the receipt of waste. Data items and respondent activities associated with preparing and submitting the RAP are covered in the "Part B Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Action leakage reporting

In the event the flow rate into the leak detection system exceeds the action leakage rate, section 264.253(b) requires the owner or operator to collect the following data items.

(i) Data items:

The following data items are required if the action leakage rate is exceeded:

- C Notification to the Regional Administrator, in writing, of the exceedance within seven days of the determination;
- C Submittal of a preliminary written assessment to the Regional Administrator within 14 days of the determination, as the amount of liquids, likely sources of liquids, possible location, size and cause of any leaks, and short-term actions taken and planned;
- C Determination of, to the extent practicable, the location, size, and cause of any leaks;
- C Determination as to whether waste receipt should cease or be curtailed;
- C Determination as to whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determination of any other short-term and longer-term actions to be taken to mitigate or stop any leaks; and
- C Submittal to the Regional Administrator, within 30 days after the notification that the action leakage rate has been exceeded, the results of the analyses specified, the results of actions taken, and actions planned. As long as the ALR is exceeded, the owner or operator must submit to the Regional Administrator monthly reports summarizing the results of any remedial actions taken and actions planned.

(ii) Respondent activities:

Respondents must perform the following activities as outlined in the RAP:

- C Notify the Regional Administrator, in writing, of the exceedance within seven days of the determination, as required by §264.253(b)(1);
- C Submit a preliminary written assessment to the Regional Administrator within 14 days of the determination, as required by §264.253(b)(2);
- C Determine, to the extent practicable, the location, size and cause of any leak, as required by §264.253(b)(3);
- C Determine whether waste receipt should cease or be curtailed;
- C Determine whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determine any other short-term and longer-term actions to be taken to mitigate or stop any leaks, as required by §264.253(b)(5); and

- C Submit to the Regional Administrator, within 30 days after the notification that the ALR has been exceeded, the results of the analyses specified in paragraphs (b)(3), (4), and (5), the results of the actions taken, and actions planned, and monthly thereafter as required by §264.253(b)(6).

Remediation determination analyses

In order to make the leak and/or remediation determinations under paragraphs (b)(3), (4) and (5) of section 264.253, the owner or operator must collect the following data items.

(i) Data items:

- C Assessment of the source liquids and amounts of liquids by source;
- C Execution of a fingerprint, hazardous constituent, of other analyses of the liquids in the leak detection system to identify the source of liquids and possible location of any leaks, and the hazard and mobility of the liquid; and
- C Assessment of the seriousness of any leaks in terms of potential for escaping into the environment.

OR

- C Documentation as to why assessments above are not needed.

(ii) Respondent activities:

Respondents must perform the following activities when conducting remediation determination analyses:

- C Perform the following activities to make leak and/or remediation determinations:
 - Assess the source of liquids and amounts of liquids, as required by sections 264.253(c)(1)(i);
 - Conduct a fingerprint, hazardous constituent, or other analyses, as required by sections 264.253(c)(1)(ii); and
 - Assess the seriousness of any leaks, as required by sections 264.253(c)(1)(ii).

OR

- Document why assessments above are not needed, as required by §264.253(c)(1)(iii).

Monitoring and inspections

Section 264.254(c) requires owners or operators of each new waste pile unit, each replacement of an existing waste pile unit, and each lateral expansion of a waste pile unit required to have leak detection systems under §264.251(c) and (d), to record specified inspection activities. In addition, section 264.73 requires owners or operators to maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 264.254.

(i) Data items:

- C Records pertaining to the level of any liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each week during the active life and closure period, as specified in §264.254(c); and
- C Recordkeeping, as required by §264.73, of records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities as required under section 264.254.

(ii) Respondent activities:

Respondents must perform the following activities for actions associated with monitoring and inspections:

- C Record the level of any liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each week during the active life and closure period, as required by §264.254(c); and
- C Maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities, in accordance with §264.73.

Special requirements for hazardous wastes F020, F021, F022, F023, F026, and F027

40 CFR 264.259 prohibits placing F020, F021, F022, F023, F026, and F027 wastes in any waste pile unless the owner/operator operates the waste pile in accordance with a management plan approved by the Regional Administrator. Since the waste management plan is submitted with the Part B permit application, data items and respondent activities associated with this requirement are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (1573).

LAND TREATMENT

Interim status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart M is expected to read the regulations.

Waste analysis

40 CFR 265.273 requires owners and operators of interim status land treatment units to conduct waste analyses (in addition to the waste analyses required under §265.13) before placing a hazardous waste in or on a land treatment facility. The waste analysis results must be used to determine: (1) the concentrations in the waste of any substances that cause a waste to exhibit the Toxicity Characteristic; (2) the concentrations of any substances which caused the waste to be listed as a hazardous waste; and (3) if food chain crops are grown, the concentrations in the waste of arsenic, cadmium, lead, and mercury, unless the owner or operator has written, documented data that show that the constituent is not present.

(i) Data items:

C Waste analysis data for waste placed in or on a land treatment unit; and

If food chain crops are grown and arsenic, cadmium, lead, and mercury are not present in the waste:

C Documentation indicating that these constituents are not present in the waste.

(ii) Respondent activities:

Respondents must perform the following activities in complying with the §265.273 requirements:

C Conduct waste analyses;

C File and store waste analysis data; and

If food chain crops are grown and arsenic, cadmium, lead, and mercury are not present in the waste:

C Obtain and maintain documentation indicating that these constituents are not present in the waste.

Food-chain crops

(i) Data items:

40 CFR 265.276 regulates the growth of food-chain crops at interim status hazardous waste land treatment facilities. Owner/operators must notify the Regional Administrator if crops are grown, or have been grown and will be grown again, on the unit. These owner/operators must also keep records of the information necessary to make a demonstration under 40 CFR 265.276(b)(1) at the unit, as stated below, but are under no regulatory obligation to submit this information to EPA. The data items for these requirements include:

- C Notification, within 60 days of obtaining interim status, that food chain crops are being grown, or have been grown and will be grown in the future, on the unit (40 CFR 265.276(a));
- C A record maintained at the interim status unit of all information necessary to demonstrate, based on field testing, that arsenic, lead, mercury, or other constituents identified under 40 CFR 265.273(b): (1) will not be transferred to the food portion of the crop by plant uptake or direct contact and will not be ingested by food chain animals, or (2) that these constituents will not occur in greater concentrations in the crops grown on the land treatment unit than in the same crops grown on untreated soils under similar conditions in the same region (§265.276(b)(1)). This report must include:
 - Descriptions of crop and soil characteristics;
 - Sample selection criteria;
 - Sample size determination;
 - Analytical methods; and
 - Statistical procedures.

Under section 265.276(c)(2)(iii) owner/operators must develop an operating plan that demonstrates how the animal feed will be distributed to preclude ingestion by humans.

(ii) Respondent activities:

Respondents must perform the following activities in complying with the §265.276 requirements:

- C Prepare the notification required under 40 CFR 265.276(a) and submit it to EPA;
- C Compile the information necessary to make the demonstration required under 40 CFR 265.276(b)(1);
- C Maintain records of the information collected for the demonstrations; and

- C Develop an operating plan as specified in §265.276(c)(2)(iii).

Unsaturated-zone monitoring

- (i) Data items:

Owner/operators subject to the unsaturated-zone monitoring requirements of 40 CFR 265.278 must establish an unsaturated-zone monitoring program to determine whether hazardous constituents migrate out of the treatment zone. The interim status regulations require no reports to be submitted to EPA, but owner/operators must maintain a record of the plan at the unit. The data items for these requirements include:

- C A written record of the unsaturated-zone monitoring plan and the rationale used in developing this plan, which must be kept at the unit (§265.278(d)). The plan must include soil-core monitoring and soil-pore water monitoring.

- (ii) Respondent activities:

Respondents must perform the following activities in compiling the unsaturated-zone monitoring record:

- C Develop an unsaturated-zone monitoring plan; and
- C File the written plan at the unit.

Closure and post-closure care

- (i) Data items:

40 CFR 265.280 regulates closure and post-closure care at interim status hazardous waste land treatment facilities. The regulations require owner/operators to provide EPA with certification of closure when unit closure is completed. The data items for this requirement include:

- C Certification by both an independent qualified scientist, in lieu of an independent registered professional engineer, and the owner/operator that the unit has been closed in accordance with the specifications in the approved closure plan (§265.280(e)).

- (ii) Respondent activities:

Respondents must perform the following activities in complying with §265.280:

- C Obtain certification of closure from a qualified scientist;
- C Produce owner/operator's certification of closure; and
- C Submit certification(s) to EPA.

Permitted facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart M is expected to read the regulations.

Food-chain crops

40 CFR 264.276 regulates the growth of food-chain crops at permitted hazardous waste land treatment facilities. Since the owner/operator must make the demonstrations outlined in §264.276(a) prior to submitting the Part B permit application, data items and activities associated with this demonstration are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573). The burden associated with maintaining (i.e., filing and photocopying) this documentation is covered in this ICR.

(i) Data items:

Under section 264.276(b)(2)(iii), owner/operators must develop and maintain an operating plan that demonstrates how the animal feed will be distributed to preclude ingestion by humans.

(ii) Respondent activities:

- C Maintain food-chain crop documentation at the facility; and
- C Develop and maintain an operating plan.

Unsaturated-zone monitoring

(i) Data items:

Owner/operators of permitted facilities subject to the unsaturated-zone monitoring requirements of 40 CFR 264.278 must establish an unsaturated-zone monitoring program to determine whether hazardous constituents migrate out of the treatment zone. These owner/operators must notify EPA whenever they determine that there is a statistically significant increase of hazardous constituents below the treatment zone, and must (1) submit a permit modification application to modify the operating practices at the unit, or (2) submit a report to EPA demonstrating that the source of the increase is not the regulated unit. If, however, the demonstration does not show that a source other than the regulated units or some error in sampling, analysis, or evaluation caused the increase in hazardous constituents, the owner/operator must submit the permit modification request within the specified time period. The data items for these requirements include:

- C Notification of statistically significant increases of hazardous waste constituents below the treatment zone. This notification must be made within seven days and must include information on what constituents have shown statistically significant increases (§264.278(g)(1));

- C An application for a permit modification, submitted within 90 days, to modify operating practices at the unit in order to maximize the success of degradation, transformation, or immobilization processes in the treatment zone (§264.278(g)(2));
- C Notification of intent to demonstrate that the increase was not caused by the regulated units. This notification must be submitted within seven days of identifying the increase (§264.278(h)(1)); and
- C A report, submitted within 90 days, demonstrating that a source other than the regulated units caused the increase or that the increase resulted from error in sampling, analysis, or evaluation (§264.278(h)(2)).

(ii) Respondent activities:

Respondents must perform the following activities in complying with these notification, report, and application requirements:

- C Prepare and submit a notice of statistically significant increases in the concentration of hazardous constituents;
- C Prepare and submit notice of intent to make a demonstration under 40 CFR 264.278(h); and
- C Prepare and submit a report demonstrating that a source other than the regulated units caused the increase or that the increase resulted from error in sampling, analysis, or evaluation.

Closure and post-closure care

(i) Data items:

40 CFR 264.280 regulates closure and post-closure care at hazardous waste land treatment facilities. The regulations require owner/operators to provide EPA with certification of closure when unit closure is completed. The regulations also allow exemptions from both the requirement to establish a vegetative cover (§264.280(a)(8)), and the post-closure care requirements (§264.280(c)) if facilities make the appropriate demonstrations. The data items for these requirements include:

- C Certification by an independent qualified scientist, in lieu of an independent registered professional engineer, that the unit has been closed in accordance with the specifications in the approved closure plan (§264.280(b)); and
- C For exemption from the vegetative cover and post-closure requirements, a demonstration that the level of hazardous constituents in the treatment zone soil does not exceed the background value of those constituents by a statistically significant amount (§264.280(d)). This demonstration may be submitted at any time during the closure or post-closure care periods.

(ii) Respondent activities:

Respondents must perform the following activities in complying with these requirements:

- C Obtain certification of closure from a qualified scientist;
- C Submit the certification(s) to EPA; and
- C If applying for a demonstration under §264.280(d), prepare the demonstration and submit it to EPA.

Special requirements for hazardous wastes F020, F021, F022, F023, F026, and F027

40 CFR 264.283 prohibits placing F020, F021, F022, F023, F026, and F027 wastes in any land treatment unit unless the owner/operator operates the unit in accordance with a management plan approved by the Regional Administrator. Since the waste management plan is submitted with the Part B permit application, data items and respondent activities associated with this requirement are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (1573).

LANDFILLS**Interim status facilities:**Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart N is expected to read the regulations.

Design requirements(i) Data items:

40 CFR 265.301 requires owner operators of interim status landfills to install two or more liners and leachate collection systems above and between the liners if they (1) plan to replace an existing unit, (2) laterally expand an existing unit, or (3) install a new unit. The section provides for an exemption from these requirements if the owner/operator can demonstrate to the Regional Administrator that alternative design and operating practices, together with location characteristics, will prevent the migration of hazardous constituents as effectively as do the liners and leachate collection systems. In addition, the regulations provide for a double liner requirement waiver for monofills (in certain instances). Under §265.301(b), these facilities also must notify the Regional Administrator at least 60 days before receiving waste, and file a Part B permit application within 6 months of EPA's receipt of the notice (the Part B information collection activities are described in a separate ICR (EPA ICR Number 1573)). Data items required for the notification of intent to receive waste are:

- C A notification to the Regional Administrator at least 60 days prior to receiving waste.

The data items necessary to gain an exemption under §265.301(c) from the liner and leachate collection system requirements are:

- C The proposed alternate design and operating practices; and
- C Information concerning the landfill's location characteristics.

Under §265.301(d), the double liner requirement in §265.301(a) may be waived for any monofill if: (1) the monofill contains only hazardous wastes described in §265.301(d)(1), and (2) the monofill has at least one non-leaking liner, and (3) the monofill is located more than one-quarter mile from an underground source of drinking water, and (4) the monofill complies with the appropriate ground water monitoring requirements under RCRA §3005(c) **or** the owner/operator demonstrates that the monofill is located, designed, and operated so as to assure that there will be no migration of any hazardous constituent into ground water or surface water at any future time. The data items required for this waiver demonstration are:

- C Information regarding the monofill's location, design, and operation as may be necessary to make the demonstration.
 - (ii) Respondent activities:

Respondents will need to engage in the following activities to comply with the §265.301 notification requirement:

- C Prepare the notification and submit it to the Regional Administrator.

Respondents must perform the following activities in applying for an exemption from the liner and leachate collection system requirements:

- C Collect the required information; and
- C Submit the information to the Regional Administrator.

Respondents must perform the following activities in order to be granted a waiver from the double liner requirements:

- C Collect the required information; and
- C Submit the information to the Regional Administrator.

Developing and submitting action leakage rates

As required by section §265.302(a), the owner or operator of each new and replacement landfill and each lateral expansion of a landfill subject to §265.301 (a) must submit an action leakage rate (ALR) proposal and rationale to EPA when submitting the notice required under §265.301 (b) for interim status facilities. After 60 days from the notification date, the ALR will be established as proposed by the interim status owner or operator unless otherwise acted upon by EPA. In addition, section 265.73

requires owners or operators to maintain records of all monitoring, testing, or analytical data, and corrective action in connection with the ALR as required under §265.302.

(i) Data item:

- Ⓒ A proposed action leakage rate (ALR) that is the maximum design flow rate that the leak detection system (LDS) can remove without the fluid head on the bottom liner exceeding one (1) foot, allowing for an adequate safety margin to allow for uncertainties in the design, construction, operation, and location of the LDS; waste and leachate characteristics; likelihood and amounts of other sources of liquids in the LDS; and proposed response actions.

(ii) Respondent activities:

Respondents must perform the following activities when developing action leakage rates:

- Ⓒ Develop and submit to EPA a proposed action leakage rate and rationale, as specified in §265.302; and
- Ⓒ Maintain results of analyses, as required by §265.73.

Calculating average daily flow rates

To determine if the action leakage rate has been exceeded, section 265.302(c) requires the owner or operator of each landfill unit to use the weekly or monthly flow rates from the monitoring data obtained under §265.304(b) and calculate average daily flow rates (in gallons per acre per day). Unless EPA specifies otherwise, the average daily flow rates for each sump must be calculated weekly during the active life and closure period, and monthly during the post-closure care period, if the unit is closed in accordance with section 265.310(b)(2), and when required under section 265.304(b).

(i) Data item:

- Ⓒ Calculation of the average daily flow rates weekly during the active life and closure period, and monthly during the post-closure care period.

(ii) Respondent activity:

Respondents must perform the following activity:

- Ⓒ Calculate the average daily flow rates as required by §265.302(c).

Completion and submittal of the Response Action Plan and recordkeeping of response actions

Section 265.303(a) requires the owner or operator of each new landfill unit, each replacement of an existing landfill unit, and each lateral expansion of a landfill unit subject to section 265.301(a) to prepare a Response Action Plan (RAP). The plan must set forth the actions to be taken if the action

leakage rate has been exceeded. It must describe, at a minimum, the actions required under §265.303(b). Interim status facilities must submit the RAP to EPA when submitting the ALR under §265.302.

(i) Data item:

C Response Action Plan.

(ii) Respondent activities:

C Develop Response Action Plan;

C Submit Response Action Plan to the Regional Administrator; and

C Maintain a copy of the Response Action Plan and records of analyses.

Action leakage reporting

In the event the flow rate into the leak detection system exceeds the action leakage rate, section 265.303(b) requires the owner or operator to collect the following data items.

(i) Data items:

The following data items are required if the action leakage rate is exceeded:

C Notification to the Regional Administrator, in writing, of the exceedance within seven days of the determination;

C Submittal of a preliminary written assessment to the Regional Administrator within 14 days of the determination, as the amount of liquids, likely sources of liquids, possible location, size and cause of any leaks, and short-term actions taken and planned; Determination of, to the extent practicable, the location, size, and cause of any leaks;

C Determination as to whether waste receipt should cease or be curtailed;

C Determination as to whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;

C Determination of any other short-term and longer-term actions to be taken to mitigate or stop any leaks; and

C Submittal to the Regional Administrator, within 30 days after the notification that the action leakage rate has been exceeded, the results of the analyses specified, the results of actions taken, and actions planned. As long as the ALR is exceeded, the owner or operator must submit to the Regional Administrator monthly reports summarizing the results of any remedial actions taken and actions planned.

(ii) Respondent activities:

Respondents must perform the following activities as outlined in the RAP:

- C Notify the Regional Administrator, in writing, of the exceedance within seven days of the determination, as required by §265.303(b)(1);
- C Submit a preliminary written assessment to the Regional Administrator within 14 days of the determination, as required by §265.303(b)(2);
- C Determine, to the extent practicable, the location, size and cause of any leak, as required by §265.303(b)(3);
- C Determine whether waste receipt should cease or be curtailed;
- C Determine whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determine any other short-term and longer-term actions to be taken to mitigate or stop any leaks, as required by §265.303(b)(5); and
- C Submit to the Regional Administrator, within 30 days after the notification that the ALR has been exceeded, the results of the analyses specified in paragraphs(b)(3), (4), and (5), the results of the actions taken, and actions planned, and monthly thereafter as required by §265.303(b)(6).

Remediation determination analyses

In order to make the leak and/or remediation determinations under paragraphs (b)(3), (4) and (5) of section 265.303, the owner or operator must collect the following data items.

(i) Data items:

- C Assessment of the source liquids and amounts of liquids by source;
 - C Execution of a fingerprint, hazardous constituent, of other analyses of the liquids in the leak detection system to identify the source of liquids and possible location of any leaks, and the hazard and mobility of the liquid; and
 - C Assessment of the seriousness of any leaks in terms of potential for escaping into the environment.
- OR
- C Documentation as to why assessments above are not needed.

(ii) Respondent activities:

Respondents must perform the following activities to make leak and/or remediation determinations:

- C Perform the following activities to make leak and/or remediation determinations:
 - Assess the source of liquids and amounts of liquids, as required by section §265.303(c)(1)(i);
 - Conduct a fingerprint, hazardous constituent, or other analyses, as required by section §265.303(c)(1)(ii); and
 - Assess the seriousness of any leaks, as required by section 265.303(c)(1)(ii).
- OR
- Document why assessments above are not needed, as required by §265.303(c)(1)(iii).

Monitoring and inspections

Section 265.304 requires owners or operators of each new landfill unit, each replacement of an existing landfill unit, and each lateral expansion of a landfill unit required to have a leak detection system under §265.301(a) to record inspection activities as specified in the regulations. In addition, section 265.73 require owners and operators to maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 265.304.

(i) Data items:

- C Records pertaining to the level of liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each operating week during the active life and closure period, as specified in §265.304(a); and, if applicable, at least monthly during the post-closure care period, at least quarterly if the liquid level in the sump stays below the pump operating level for two consecutive months, or at least semi-annually if the liquid level in the sump stays below the pump operating level for two consecutive quarters, as specified in §265.304(b); and
- C Recordkeeping, as required by 265.73, of records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities as required under section 265.304.

(ii) Respondent activities:

Respondents must perform the following activities for actions associated with monitoring and inspections:

- C Record the level of liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each operating week during the active life and closure period, as required by §265.304(a); and, if applicable, at least monthly during the post-closure care period, at least quarterly if the liquid level in the sump stays below the pump operating level for two consecutive months, or at least semi-annually if the liquid level in the sump stays below the pump operating level for two consecutive quarters, as specified in §265.304(b); and
- C Maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities, in accordance with §265.73.

Developing and submitting pump operating levels

Section 265.304(c) requires owners or operators of each new landfill unit, each replacement of an existing landfill unit, and each lateral expansion of a landfill unit required to have leak detection systems (LDS) under section 265.301 (a) to submit pump operating level proposals, with rationale, to EPA when submitting the action leakage rate proposal required under §265.302(a). In addition, section 265.73 requires owners and operators to maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under sections 265.304.

(i) Data items:

- C A proposed pump operating level that is a liquid level based on the pump activation level, sump dimensions, and level that avoids backup into the drainage layer and that minimizes the head in the sump; and
- C Recordkeeping, as required by §265.73, of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 265.304.

(ii) Respondent activities:

Respondents must perform the following activities when developing pump operating levels:

- C Develop and submit to the Regional Administrator a pump operating level and rationale, as specified in section 265.304(c); and
- C Maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities, in accordance with section §265.73.

Special requirements for bulk and containerized liquids

(i) Data items:

40 CFR 265.314(b) prohibits disposing bulk or containerized liquid hazardous waste or hazardous waste containing free liquids in any landfill. 40 CFR 265.314(d) requires owner/operators to demonstrate the absence or presence of free liquids in bulk or containerized waste, using EPA Method 9095 (Paint Filter Liquids Test) as described in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods" (EPA Publication No. SW-846). The data items for demonstrating the absence of free liquids include:

- C Results of the Paint Filter Liquids Test, performed as specified in SW-846.

40 CFR 265.314(f) prohibits placing non-hazardous liquid waste in a landfill unless the landfill owner/operator can demonstrate to the Regional Administrator, or the Regional Administrator determines, that: (1) the only reasonably available alternative is placing the waste in another landfill that contains or is expected to contain hazardous waste, and (2) placing the waste in the owner/operator's landfill will not risk contaminating any underground source of drinking water. The regulations do not specify the exact form this demonstration must take; depending on the circumstances surrounding each demonstration, the effort and data required to gain an exemption may vary. This ICR assumes that owner/operators will present information regarding (1) the situational constraints that necessitate disposing the waste in a landfill containing hazardous waste (e.g., the lack of access to any other suitable disposal arrangement), and (2) hydrogeological and other information sufficient to show that doing so cannot contaminate any underground source of drinking water.

The data items required for this demonstration include:

- C Information sufficient to show that the only reasonably available alternative to placing the waste in the owner/operator's landfill would be to place the waste in another landfill or unlined surface impoundment that contains or is expected to contain hazardous waste; and
- C Information sufficient to show that placing the waste in the owner/operator's landfill will not present a risk of contamination of any underground source of drinking water.

(ii) Respondent activities:

Respondents must perform the following activities in performing the no-free-liquids demonstration:

- C Record and file the observation results.

Respondents must perform the following activities in order to gain an exemption from the requirements in §265.314(f):

- C Gather the information necessary to make the demonstration; and

- C Submit the information to the Regional Administrator.

Permitted facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart N is expected to read the regulations.

Calculating average daily flow rates

To determine if the action leakage rate has been exceeded, section 264.302(b) requires the owner or operator of each landfill unit to use the weekly or monthly flow rates from the monitoring data obtained under §264.303(c)(2) and calculate average daily flow rates (in gallons per acre per day). Unless EPA specifies otherwise, the average daily flow rates for each sump must be calculated weekly during the active life and closure period, and monthly during the post-closure care period, if the unit is closed in accordance with section 264.310(b)(3), and when required under section 264.303(c)(1).

(i) Data item:

- C Calculation of the average daily flow rates weekly during the active life and closure period, and monthly during the post-closure care period.

(ii) Respondent activity:

Respondents must perform the following activity:

- C Calculate the average daily flow rates as required by §264.302(b).

Monitoring and inspections

Section 264.303(c) requires owners or operators of each new landfill unit, each replacement of an existing landfill unit, and each lateral expansion of a landfill unit required to have a leak detection system under §264.301(c) and (d), to record inspection activities as specified in the regulations. In addition, section 264.73 requires owners and operators to maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities required under section 264.303.

(i) Data items:

- C Records pertaining to the level of liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each operating week during the active life and closure period, as specified in §264.303(c)(1); and, if applicable, at least monthly during the post-closure care period, at least quarterly if the liquid level in the sump stays below the pump operating level for two consecutive months, or at least semi-annually if the liquid level in the sump stays below the pump operating level for two consecutive quarters, as specified in §264.303(c)(2); and

- C Recordkeeping, as required by §264.73, of records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities as required under section 264.303.

- (ii) Respondent activities:

Respondents must perform the following activities for actions associated with monitoring and inspection:

- C Record the level of liquids in the leak detection system removal sumps and the amount of liquids removed from the LDS sumps each operating week during the active life and closure period, as required by §264.303(c)(1); and, if applicable, at least monthly during the post-closure care period, at least quarterly if the liquid level in the sump stays below the pump operating level for two consecutive months, or at least semi-annually if the liquid level in the sump stays below the pump operating level for two consecutive quarters, as specified in §264.303(c)(2); and
- C Maintain records of all monitoring, testing, or analytical data, and corrective action associated with the monitoring and inspection activities, in accordance with §264.73.

Completion and submittal of the Response Action Plan and recordkeeping of response actions

Section 264.304(a) requires the owner or operator of each new landfill unit, each replacement of an existing landfill unit, and each lateral expansion of a landfill unit subject to section 264.301(c) or (d) to prepare a Response Action Plan (RAP). The plan must set forth the actions to be taken if the action leakage rate has been exceeded. It must describe, at a minimum, the actions required under §264.303(b). Permitted facilities and facilities seeking initial permits must submit the RAP for EPA approval in a Part B permit application or modification before the receipt of waste. Data items and respondent activities associated with preparing and submitting the RAP are covered in the “Part B Application, Permit Modification, and Special Permits ICR” (EPA ICR Number 1573).

Action leakage reporting

In the event the flow rate into the leak detection system exceeds the action leakage rate, section §264.304(b) requires the owner or operator to collect the following data items.

- (i) Data items:

The following data items are required if the action leakage rate is exceeded:

- C Notification to the Regional Administrator, in writing, of the exceedance within seven days of the determination;
- C Submittal of a preliminary written assessment to the Regional Administrator within 14 days of the determination, as the amount of liquids, likely sources of liquids, possible location, size and cause of any leaks, and short-term actions taken and planned; Determination of, to the extent practicable, the location, size, and cause of any leaks;

- C Determination as to whether waste receipt should cease or be curtailed;
- C Determination as to whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determination of any other short-term and longer-term actions to be taken to mitigate or stop any leaks; and
- C Submittal to the Regional Administrator, within 30 days after the notification that the action leakage rate has been exceeded, the results of the analyses specified, the results of actions taken, and actions planned. As long as the ALR is exceeded, the owner or operator must submit to the Regional Administrator monthly reports summarizing the results of any remedial actions taken and actions planned.

(ii) Respondent activities:

Respondents must perform the following activities as outlined in the RAP:

- C Notify the Regional Administrator, in writing, of the exceedance within seven days of the determination, as required by §264.304(b)(1);
- C Submit a preliminary written assessment to the Regional Administrator within 14 days of the determination, as required by §264.304(b)(2);
- C Determine, to the extent practicable, the location, size and cause of any leak, as required by §264.304(b)(3);
- C Determine whether waste receipt should cease or be curtailed;
- C Determine whether any waste should be removed from the unit for inspection, repairs, or controls, and whether or not the unit should be closed;
- C Determine any other short-term and longer-term actions to be taken to mitigate or stop any leaks, as required by §264.304(b)(5); and
- C Submit to the Regional Administrator, within 30 days after the notification that the ALR has been exceeded, the results of the analyses specified in paragraphs(b)(3), (4), and (5), the results of the actions taken, and actions planned, and monthly thereafter as required by §264.304(b)(6).

Remediation determination analyses

In order to make the leak and/or remediation determinations under paragraphs (b)(3), (4) and (5) of section 264.304, the owner or operator must collect the following data items.

(i) Data items:

- C Assessment of the source liquids and amounts of liquids by source;
- C Execution of a fingerprint, hazardous constituent, of other analyses of the liquids in the leak detection system to identify the source of liquids and possible location of any leaks, and the hazard and mobility of the liquid; and
- C Assessment of the seriousness of any leaks in terms of potential for escaping into the environment.

OR

- C Documentation as to why assessments above are not needed.

(ii) Respondent activities:

Respondents must perform the following activities to make leak and/or remediation determinations:

- C Perform the following activities to make leak and/or remediation determinations:
 - Assess the source of liquids and amounts of liquids, as required by section 264.304(c)(1)(i);
 - Conduct a fingerprint, hazardous constituent, or other analyses, as required by section 264.304(c)(1)(ii); and
 - Assess the seriousness of any leaks, as required by section 264.304(c)(1)(ii).

OR

- Document why assessments above are not needed, as required by §264.304(c)(1)(iii).

Special requirements for bulk and containerized liquids

(i) Data items:

40 CFR 264.314(b) prohibits disposing bulk or containerized liquid hazardous waste or hazardous waste containing free liquids in any landfill. 40 CFR 264.314(c) requires owner/operators to demonstrate the absence or presence of free liquids in bulk or containerized waste using EPA Method

9095 (Paint Filter Liquids Test) as described in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods" (EPA Publication No. SW-846). The data items for demonstrating the absence of free liquids include:

- C Results of the Paint Filter Liquids Test, performed as specified in SW-846.

40 CFR 264.314(e) prohibits placing non-hazardous liquid waste in a landfill unless the landfill owner/operator can demonstrate to the Regional Administrator, or the Regional Administrator determines, that: (1) the only reasonably available alternative is placing the waste in another landfill that contains or is expected to contain hazardous waste, and (2) placing the waste in the owner/operator's landfill will not risk contaminating any underground source of drinking water. The regulations do not specify the exact form this demonstration must take; depending on the circumstances surrounding each demonstration, the effort and data required to gain an exemption may vary. This ICR assumes that owner/operators will present information regarding (1) the situational constraints that necessitate disposing the waste in a landfill containing hazardous waste (e.g., the lack of access to any other suitable disposal arrangement), and (2) hydrogeological and other information sufficient to show that doing so cannot contaminate any underground source of drinking water.

The data items required for this demonstration include:

- C Information sufficient to show that the only reasonably available alternative to placing the waste in the owner/operator's landfill would be to place the waste in another landfill or unlined surface impoundment that contains or is expected to contain hazardous waste; and
- C Information sufficient to show that placing the waste in the owner/operator's landfill will not present a risk of contamination of any underground source of drinking water.

(ii) Respondent activities:

Respondents must perform the following activities in performing the no-free-liquids demonstration:

- C Record and file the observation results.

Respondents must perform the following activities in order to gain an exemption from the requirements in §264.314(e):

- C Gather the information necessary to make the demonstration; and
- C Submit the information to the Regional Administrator.

Special requirements for hazardous wastes F020, F021, F022, F023, F026, and F027

40 CFR 264.317 prohibits placing F020, F021, F022, F023, F026, and F027 wastes in any landfill unless the landfill is operated in accordance with a management plan approved by the Regional Administrator. Since the waste management plan is submitted with the Part B permit application, data

items and respondent activities associated with this requirement are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

INCINERATORS

Interim status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart O is expected to read the regulations.

Applicability

(i) Data item:

40 CFR Part 265, Subpart O presents interim status hazardous waste incinerator standards. Section 265.340(b) exempts incinerator owner/operators from these regulations (except §265.351--Closure). The data item required for an exemption from the interim status incinerator requirements is:

- C Written documentation that the waste to be incinerated meets the requirements listed in 40 CFR 265.340(b) and cannot reasonably be expected to contain any of the hazardous constituents listed in 40 CFR 261, Appendix VIII.

(ii) Respondent activities:

Respondents must perform the following activities in order to be exempt from these requirements:

- C Determine whether the waste in question meets the requirements listed in 40 CFR 265.340(b) and Part 261, Appendix VIII, and document the fact in writing; and
- C File the documentation at the unit.

Waste analysis

(i) Data item:

40 CFR 265.341 requires owner/operators of an interim status incinerator to gather waste analysis data (in addition to that required in §265.13) for hazardous waste that has not been previously burned in his incinerator to enable him to establish steady state (normal) operating conditions (including waste and auxiliary fuel feed and air flow) and to determine the type of pollutants which might be emitted. At a minimum, the analysis must determine:

- C Heating value of the waste;
- C Halogen content and sulfur content in the waste; and

- C Concentrations in the waste of lead and mercury, unless the owner or operator has written, documented data that show that the element is not present.

- (ii) Respondent activities:

Respondents must perform the following activities in gathering this data:

- C Conduct waste analysis; and
- C File and store this waste analysis data.

Monitoring and inspections

- (i) Data items:

40 CFR 265.347(b) requires owner/operators of an interim status incinerator to conduct monitoring and inspection activities and collect the data gathered during these activities. Data items and respondent activities associated with these requirements are covered in this ICR. However, the burden for recordkeeping the applicable data items is covered in the "General Hazardous Waste Facility Standards ICR" (EPA ICR Number 1571).

The data items required for owners and operators of Subpart O incinerators include:

- C Records pertaining to the inspection of the complete incinerator and associated equipment (pumps, valves, conveyors, pipes, etc.), at least daily, for leaks, spills, and fugitive emissions; and
- C Records pertaining to the inspection of all emergency shutdown controls and system alarms to assure proper operation.

- (ii) Respondent activities:

Respondents must perform the following activities in gathering these data:

- C Inspect the complete incinerator and associated equipment for leaks, spills, and fugitive emissions;
- C Inspect all emergency shutdown controls and system alarms to assure proper operation; and
- C File and store monitoring and inspection data.

Special requirements for hazardous wastes F020, F021, F022, F023, F026, and F027

(i) Data item:

Under 40 CFR 265.352, these wastes may be burned in interim status hazardous waste incinerators if owner/operators receive a certification from the Assistant Administrator for Solid Waste and Emergency Response that they can meet the performance standards of Subpart O of Part 264. The data item required to receive this certification include:

- C An application to the Assistant Administrator containing the information in §§ 270.19 and 270.62.

(ii) Respondent activities:

Respondents must perform the following activities to receive this certification:

- C Complete an application that demonstrates the incinerator can meet the performance standards in Subpart O of Part 264, including a trial burn; and
- C Submit the application to EPA.

Permitted facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart O is expected to read the regulations.

Applicability

40 CFR Part 264, Subpart O presents permitted status hazardous waste incinerator standards. Section 264.340(b) exempts incinerator owner/operators from these regulations. Since the owner/operator submits applicability exemptions with the Part B Permit Application, data items and respondent activities associated with this requirement are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

Notification of intent to burn hazardous wastes

(i) Data items:

40 CFR 264.343(a)(2) requires owner/operators to notify the Regional Administrator prior to burning EPA Hazardous Waste Codes F020, F021, F022, F023, F026, and F027. No specific data items are to be included in this notification.

(ii) Respondent activities:

To comply with 40 CFR 264.343(a)(2), owners/operators must perform the following activities:

- C Prepare notification of intent to burn wastes; and
- C Submit notification to the Regional Administrator.

Monitoring and inspections

(i) Data items:

40 CFR 264.347 details the monitoring and inspection requirements for Subpart O incinerators. Data items and respondent activities associated with these requirements are covered in this ICR. However, the burden for recordkeeping the applicable data items is covered in the "General Hazardous Waste Facility Standards ICR" (EPA ICR Number 1571).

The data items required for owners and operators of Subpart O incinerators include:

- C Records pertaining to thorough visual inspections, conducted at least daily, of the incinerator and associated equipment (pumps, valves, conveyors, pipes, etc.) for leaks, spills, fugitive emissions, and signs of tampering (§264.347(b)); and
- C Records pertaining to operational testing, conducted at least weekly, of the emergency waste feed cutoff system and associated alarms to verify operability (§264.347(c));

OR

- C A demonstration for exemption under §264.347(c) from the requirements to test the emergency waste feed cutoff system and associate alarms on a weekly basis; and
- C Records pertaining to operational testing, conducted at least monthly, of the emergency waste feed cutoff system and associated alarms to verify operability (§264.347(c)).

(ii) Respondent activities:

Respondents must perform the following activities in order to be exempt from these requirements:

- C Conduct thorough visual inspections, at least daily, of the incinerator and associated equipment; and
 - C Conduct operational testing, at least weekly, of the emergency waste feed cutoff system and associated alarms;
- OR
- C Prepare demonstration for exemption from the requirements to test the emergency waste feed cutoff system and associate alarms on a weekly basis;
 - C Submit demonstration to the Regional Administrator; and

- C If the demonstration is approved, inspect the emergency waste feed cutoff system and associated alarms on a monthly basis.

THERMAL TREATMENT UNITS (Interim Status Facilities Only)

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart P is expected to read the regulations.

Waste analysis

(i) Data item:

40 CFR 265.375 requires owner/operators of a thermal treatment unit to gather waste analysis data (in addition to that required in §265.13) for hazardous waste that has not been previously treated in his thermal treatment process to enable him to establish steady state (normal) or other appropriate (for non-continuous process) operating conditions (including auxiliary fuel feed) and to determine the type of pollutants which might be emitted. At a minimum, the analysis must determine:

- C Heating value of the waste;
- C Halogen content and sulfur content in the waste; and
- C Concentrations in the waste of lead and mercury, unless the owner or operator has written, documented data that show that the element is not present.

(ii) Respondent activities:

Respondents must perform the following activities in gathering this data:

- C Conduct waste analyses; and
- C File and store this waste analysis data.

Monitoring and inspections

(i) Data items:

40 CFR 265.377 requires owner/operators of an interim status thermal treatment unit to conduct monitoring and inspection activities and collect the data gathered during these activities. Data items and respondent activities associated with these requirements are covered in this ICR. However, the burden for recordkeeping the applicable data items is covered in the "General Hazardous Waste Facility Standards ICR" (EPA ICR Number 1571).

The data items required for owners and operators of Subpart P incinerators include:

- C Records pertaining to the monitoring, at least every 15 minutes, of existing instruments which relate to temperature and emission control (if an emission control device is present);
- C Records pertaining to the visual observation, at least hourly, of the stack plume (emissions), where present, for normal appearance (color and capacity);
- C Records pertaining to the inspection, at least daily, of the complete thermal process and associated equipment (pumps, valves, conveyors, pipes, etc.) for leaks, spills, and fugitive emissions; and
- C Records pertaining to the inspection, at least daily, of all emergency shutdown controls and system alarms to assure proper operation.

(ii) Respondent activities:

Respondents must perform the following activities in gathering these data:

- C Monitor existing instruments which relate to temperature and emission control (if an emission control device is present);
- C Observe visually the stack plume, where present, for normal appearance;
- C Inspect the complete thermal process and associated equipment for leaks, spills, and fugitive emissions;
- C Inspect all emergency shutdown controls and system alarms to assure proper operation; and
- C File and store monitoring and inspection data.

Application to burn F020, F021, F023, F026, or F027

40 CFR 265.383(b)(1) requires owners/operators of facilities that thermally treat hazardous waste in devices other than enclosed devices using controlled flame combustion who chose to burn EPA Hazardous Wastes F020, F021, F022, F023, F026, or F027 to submit an application to burn these wastes.

(i) Data item:

Applications to burn EPA Hazardous Wastes F020, F021, F022, F023, F026, or F027 must include the applicable information in §§ 270.19 and 270.62. The specific data item required in these sections is listed below:

- C An application to the Assistant Administrator for Solid Waste and Emergency Response containing information in §270.62 or §270.19(c).

(ii) Respondent activities:

To comply with §265.383(b)(1), respondents must perform the following activities:

- C Collect information and prepare application; and
- C Submit application to the Assistant Administrator for Solid Waste and Emergency Response.

CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS (Interim Status Facilities Only)

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart Q is expected to read the regulations.

Waste analysis and trial tests

40 CFR 265.402 requires owner/operators of a chemical, physical, or biological treatment unit to conduct waste analyses (in addition to that required in §265.13) for hazardous waste, whenever:

- C A hazardous waste which is substantially different from waste previously treated in a treatment process or equipment at the facility is to be treated in that process or equipment;

OR

- C A substantially different process than any previously used at the facility is to be used to chemically treat hazardous waste.

(i) Data items:

The data items required for owners and operators of Subpart Q units include:

- C Records of waste analyses and trial treatment tests (e.g., bench scale or pilot plant scale);

OR

- C A demonstration that the proposed treatment will meet all applicable requirements of §265.401(a) and (b), based on written, documented information on similar treatment of similar waste under similar operating conditions.

(ii) Respondent activities:

Respondents must perform the following activities in gathering this data:

C Conduct waste analyses and trial treatment tests;

OR

C Obtain written, documented information on similar treatment of similar waste under similar operating conditions; and

C File and store waste analyses and trial test data.

Inspections

40 CFR 265.403 requires owner/operators of a chemical, physical, or biological unit to conduct inspections of the unit, as specified below. Data items and respondent activities associated with these requirements are covered in this ICR. However, the burden for recordkeeping the applicable data items is covered in the "General Hazardous Waste Facility Standards ICR" (EPA ICR Number 1571).

(i) Data items:

The data items required for owners and operators of Subpart Q treatment units include:

C Records pertaining to the inspection of discharge control and safety equipment (e.g., waste feed cutoff system, by-pass systems, drainage systems, and pressure relief systems), where present, at least once each operating day, to ensure that it is in good working order (§265.403(a)(1));

C Data gathered from monitoring equipment (e.g., pressure and temperature gauges), at least once each operating day, to ensure that the treatment process or equipment is being operating according to its design (§265.403(a)(2));

C Records pertaining to the inspection of construction materials of the treatment process or equipment, at least weekly, to detect corrosion or leaking fixtures or seams (§265.403(a)(3)); and

C Records pertaining to the inspection of construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes), at least weekly, to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation) (§265.403(a)(4)).

(ii) Respondent activities:

Respondents must perform the following activities in gathering these data:

C Inspect discharge control and safety equipment, where present, at least once each operating day, to ensure that it is in good working order (§265.403(a)(1));

- C Gather data from monitoring equipment, where present, at least once each operating day, to ensure that the treatment process or equipment is being operating according to its design (§265.403(a)(2));
- C Inspect construction materials of the treatment process or equipment, where present, at least weekly, to detect corrosion or leaking fixtures or seams (§265.403(a)(3));
- C Inspect construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes), where present, at least weekly, to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation) (§265.403(a)(4)); and
- C File and store monitoring and inspection data.

DRIP PADS

Generators:

Regulations

Each respondent regulated under 40 CFR Part 261 is expected to read the regulations.

Equipment cleaning or replacement plan

(i) Data items:

40 CFR 261.35(b) requires owners and operators of facilities that generate wastes from wood preserving processes to either prepare, sign, and follow an equipment cleaning plan, or prepare, sign, and follow an equipment replacement plan. In addition, generators must document equipment cleaning and replacement in accordance with §261.35(b)(1)(iii). Generators must also maintain records documenting all equipment cleaning or replacement (§261.35(c)).

(ii) Respondent activities:

- C Prepare and follow an equipment cleaning plan;
- OR
- C Prepare and follow an equipment replacement plan;
- OR
- C Document cleaning and replacement; and
- C Maintain documentation of equipment cleaning and replacement.

Interim Status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart W is expected to read the regulations.

Contingency plan

(i) Data items:

40 CFR 265.440 requires owners and operators of facilities that use new or existing drip pads to convey treated wood drippage, precipitation, and/or surface water run-on to an associated collection system. The requirements are not applicable, however, to the management of infrequent and incidental drippage in storage yards provided that the owner or operator maintains and complies with a written contingency plan that describes how the owner or operator will respond immediately to the discharge of such infrequent and incidental drippage.

- C Contingency plan describing how the owner or operator will do the following: (1) clean up the drippage; (2) document the cleanup of the drippage; (3) retain documents regarding cleanup for three years; and (4) manage the contaminated media in a manner consistent with Federal regulations (§265.440(c)).

(ii) Respondent activities:

To comply with §265.440(c), respondents must perform the following activities:

- C Develop and maintain a contingency plan for discharge of drippage, including documentation of drippage.

Assessment of existing drip pad integrity

(i) Data item:

40 CFR 265.441(a) requires that for each existing drip pad as defined in §265.440, the owner or operator must evaluate the drip pad and determine that it meets all of the requirements of this Subpart, except the requirements for liners and leak detection systems of §265.443(b). The data item for this evaluation include:

- C A written assessment of the drip pad, reviewed and certified by an independent, qualified registered professional engineer that attests to the results of the evaluation.

(ii) Respondent activities:

To comply with §265.441(a), respondents must perform the following activities:

- C Obtain and submit a written, certified assessment of the drip pad;

- C Maintain the written assessment of the drip pad; and
- C Review, update, and re-certify the assessment annually.

Plan for upgrading, repairing, and modifying the drip pad

(i) Data items:

40 CFR 265.441(b) requires that the owner or operator develop a written plan for upgrading, repairing, and modifying the drip pad to meet the requirements of §265.443(b) and must submit this plan no later than two years before the date that all repairs, upgrades, and modifications will be complete. This written plan must describe all changes to be made to the drip pad. Upon completion of all repairs and modifications, the owner or operator must submit the as-built drawing with certification by an independent, qualified engineer attesting that the drip pad conforms to the drawings, as specified in 40 CFR 265.441(c). The data items for these requirements include:

- C A written plan reviewed and certified by an independent qualified, registered professional engineer; and
- C As-built drawings for the drip pad together with a certification by an independent, qualified registered professional engineer attesting that the drip pad conforms to the drawings.

(ii) Respondent activities:

To comply with §265.441(b)-(c), respondents must perform the following activities:

- C Develop and submit to the Regional Administrator a written certified plan;
- C Maintain a written assessment of the plan; and
- C Obtain and submit as-built drawings and a certification.

Design and operating requirements

(i) Data items:

40 CFR 265.443 specifies design and operating requirements for owners and operators of facilities with drip pads. Sections 265.443(a), (b), (g), (i), and (k) include information collection requirements associated with the design, construction, operation, and maintenance of the drip pads. The data items required to comply with these requirements include:

- C A written assessment of the drip pad, reviewed and certified by an independent, qualified registered professional engineer that attests to the results of the evaluation. The assessment must be reviewed, updated, and recertified annually. The evaluation must document the extent to which the drip pad meets the design and operating standards of this section (§265.443(a)(4)(ii));

- C Documentation in the unit's operating log of the date and time of any leakage collected and removed from the leakage collection system immediately above the liner that is designed, constructed, maintained, and operated to collect leakage from the drip pad (§265.443(b)(3));
- C Certification from an independent, qualified registered professional engineer stating that the drip pad design meets the requirements of §265.443 (§265.443(g));
- C Documentation in the unit's operating log of the date and time of each weekly cleaning of the drip pad and the cleaning procedure used (§265.443(i)); and
- C Records sufficient to document that all treated wood is held on the pad following treatment in accordance with this requirement (§265.443(k)).

(ii) Respondent activities:

To comply with §265.443(a), (b), (g), (i), and (k), respondents must perform the following activities:

- C Obtain and maintain a written certified assessment of a new drip pad;
- C Update and maintain the written certified assessment of the drip pad annually;
- C Maintain documentation of the date and time of any leakage collected and removed from the leakage collection system immediately above the liner;
- C Obtain and maintain a certification from an independent, qualified registered professional engineer stating that the drip pad design meets the requirements of §265.443;
- C Maintain documentation of the date and time of each weekly cleaning of the drip pad; and
- C Maintain records that all treated wood is held on the drip pad after treatment.

Emergency response

(i) Data items:

40 CFR 265.443(m) requires that throughout the active life of the drip pad, the owner or operator must repair within a reasonably prompt period of time any condition detected that may have caused or has caused a release of hazardous waste. The data items for this requirement include:

- C A record of discovery of each condition in the unit operating log;
- C A 24-hour notification;

- C Written notification of the condition to the Regional Administrator within 10 working days of the discovery, providing a description of the steps that will be taken to repair the drip pad, and clean up any leakage, and the schedule for accomplishing this work; and
- C Written notification with a certification by an independent, qualified, registered professional engineer to the Regional Administrator showing that all repairs and clean up have been completed according to the written plan submitted.

(ii) Respondent activities:

To comply with §265.443(m), respondents must perform the following activities:

- C Enter a record of discovery for each condition;
- C Notify EPA of each condition within 24 hours;
- C Provide written notification to EPA within 10 working days; and
- C Prepare and submit a report with certification to EPA when all repairs and clean up are complete.

Operating record

(i) Data item:

40 CFR 265.443(n) requires that the owner or operator of a unit with drip pads must maintain as part of the unit's operating log, documentation of past operating and waste handling practices. The data item for this requirement is:

- C Documentation of past operating and waste handling practices, which must include identification of preservative formulations used in the past, a description of drippage management practices, and a description of treated wood storage and handling practices.

(ii) Respondent activity:

To comply with §265.443(n), respondents must perform the following activity:

- C Maintain documentation of past operating and waste handling practices.

Inspections

(i) Data items:

40 CFR 265.444 requires that during construction or installation, liners and cover systems (e.g., membranes sheets, or coatings) must be inspected for uniformity, damage, and imperfections (e.g., holes, cracks, thin spots, or foreign materials). Data items and respondent activities associated with these

requirements are covered in this ICR. However, the burden for recordkeeping the applicable data items is covered in the "General Hazardous Waste Facility Standards ICR" (EPA ICR Number 1571).

The data items for this requirement include:

- C Inspection of liners immediately after construction or installation with certification by an independent qualified, registered professional engineer. Also, drip pads must be inspected weekly while in operation; and
- C Certifications of inspection must be maintained at the unit as part of the unit's operating record.

(ii) Respondent activities:

To comply with §265.444 respondents must perform the following activity:

- C Inspect and certify liners immediately after construction or installation;
- C Inspect and certify liners on a weekly basis; and
- C Maintain certification of inspection in the unit's operating record.

Permitted facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart W is expected to read the regulations.

Contingency plan

(i) Data items:

40 CFR 264.570 requires owners and operators of facilities that use new or existing drip pads to convey treated wood drippage, precipitation, and/or surface water run-on to an associated collection system. The requirements are not applicable, however, to the management of infrequent and incidental drippage in storage yards provided that the owner or operator maintains and complies with a written contingency plan that describes how the owner or operator will respond immediately to the discharge of such infrequent and incidental drippage.

- C Contingency plan describing how the owner or operator will do the following: (1) clean up the drippage; (2) document the cleanup of the drippage; (3) retain documents regarding cleanup for three years; and (4) manage the contaminated media in a manner consistent with Federal regulations (§264.570(c)(1)).

(ii) Respondent activity:

To comply with §264.570(c)(1), respondents must perform the following activity:

- C Develop and maintain a contingency plan for discharge of drippage, including documentation of drippage.

Assessment of existing drip pad integrity(i) Data item:

40 CFR 264.571(a) requires that for each existing drip pad as defined in §264.570, the owner or operator must evaluate the drip pad and determine that it meets all of the requirements of this Subpart, except the requirements for liners and leak detection systems of §264.573(b). The data item for this evaluation include:

- C A written assessment of the drip pad, reviewed and certified by an independent, qualified registered professional engineer that attests to the results of the evaluation.

(ii) Respondent activities:

To comply with §264.571(a), respondents must perform the following activities:

- C Obtain a written, certified assessment of the drip pad;
- C Maintain on file the written assessment of the drip pad; and
- C Review, update, and re-certify the assessment annually.

Plan for upgrading, repairing, and modifying the drip pad(i) Data items:

40 CFR 264.571(b) requires that the owner or operator develop a written plan for upgrading, repairing, and modifying the drip pad to meet the requirements of §264.573(b) and must submit this plan no later than two years before the date that all repairs, upgrades, and modifications will be complete. This written plan must describe all changes to be made to the drip pad. Upon completion of all repairs and modifications, the owner or operator must submit the as-built drawing with certification by an independent, qualified engineer attesting that the drip pad conforms to the drawings, as specified in 40 CFR 264.571(c). The data items for these requirements include:

- C A written plan reviewed and certified by an independent qualified, registered professional engineer; and
- C As-built drawings for the drip pad together with a certification by an independent, qualified registered professional engineer attesting that the drip pad conforms to the drawings.

(ii) Respondent activities:

To comply with §264.571(b)-(c), respondents must perform the following activities:

- C Develop and submit to the Regional Administrator a written certified plan;
- C Maintain a written assessment of the plan; and
- C Obtain and submit as-built drawings and a certification.

Design and operating requirements(i) Data items:

40 CFR 264.573 specifies design and operating requirements for owners and operators of facilities with drip pads. Sections 264.573(a), (b), (g), (i), and (k) include information collection requirements associated with the design, construction, operation, and maintenance of the drip pads. The data items required to comply with these requirements include:

- C A written assessment of the drip pad, reviewed and certified by an independent, qualified registered professional engineer that attests to the results of the evaluation. The assessment must be reviewed, updated, and recertified annually. The evaluation must document the extent to which the drip pad meets the design and operating standards of this section (§264.573(a)(4)(ii));
- C Documentation in the unit's operating log of the date and time of any leakage collected and removed from the leakage collection system immediately above the liner that is designed, constructed, maintained, and operated to collect leakage from the drip pad (§264.573(b)(3));
- C Certification from an independent, qualified registered professional engineer stating that the drip pad design meets the requirements of §264.573 (§264.573(g));
- C Documentation in the unit's operating log of the date and time of each weekly cleaning of the drip pad and the cleaning procedure used (§264.573(i)); and
- C Records sufficient to document that all treated wood is held on the pad following treatment in accordance with this requirement (§264.573(k)).

(ii) Respondent activities:

To comply with §264.573(a), (b), (g), (i), and (k), respondents must perform the following activities:

- C Obtain and maintain a written certified assessment of a new drip pad;
- C Update and maintain the written certified assessment of the drip pad annually;

- C Maintain documentation of the date and time of any leakage collected and removed from the leakage collection system immediately above the liner;
- C Obtain and maintain a certification from an independent, qualified registered professional engineer stating that the drip pad design meets the requirements of §264.573;
- C Maintain documentation of the date and time of each weekly cleaning of the drip pad; and
- C Maintain records that all treated wood is held on the drip pad after treatment.

Emergency response

(i) Data items:

40 CFR 264.573(m) requires that throughout the active life of the drip pad, the owner or operator must repair within a reasonably prompt period of time any condition detected that may have caused or has caused a release of hazardous waste. The data items for this requirement include:

- C A record of discovery of each condition in the unit operating log;
- C A 24-hour notification;
- C Written notification of the condition to the Regional Administrator within 10 working days of the discovery, providing a description of the steps that will be taken to repair the drip pad, and clean up any leakage, and the schedule for accomplishing this work; and
- C Written notification with a certification to the Regional Administrator showing that all repairs and clean up have been completed according to the written plan submitted.

(ii) Respondent activities:

To comply with §264.573(m), respondents must perform the following activities:

- C Enter a record of discovery for each condition;
- C Notify EPA of each condition within 24 hours;
- C Provide written notification to EPA within 10 working days; and
- C Prepare and submit a report with certification to EPA when all repairs and clean up are complete.

Operating record

(i) Data item:

40 CFR 264.573(n) requires that the owner or operator of a unit with drip pads must maintain as part of the unit's operating log, documentation of past operating and waste handling practices. The data item for this requirement is:

- C Documentation of past operating and waste handling practices, which must include identification of preservative formulations used in the past, a description of drippage management practices, and a description of treated wood storage and handling practices.

(ii) Respondent activity:

To comply with §264.573(n), respondents must perform the following activity:

- C Maintain documentation of past operating and waste handling practices.

Inspections

(i) Data items:

40 CFR 264.574 requires that during construction or installation, liners and cover systems (e.g., membranes sheets, or coatings) must be inspected for uniformity, damage, and imperfections (e.g., holes, cracks, thin spots, or foreign materials). Data items and respondent activities associated with these requirements are covered in this ICR. However, the burden for recordkeeping the applicable data items is covered in the "General Hazardous Waste Facility Standards ICR" (EPA ICR Number 1571).

The data items for this requirement include:

- C Inspection of liners immediately after construction or installation with certification by an independent qualified, registered professional engineer. Also, drip pads must be inspected weekly while in operation; and
- C Certifications of inspection must be maintained at the unit as part of the unit's operating record.

(ii) Respondent activities:

To comply with §264.574 respondents must perform the following activity:

- C Inspect and certify liners immediately after construction or installation;
- C Inspect and certify liners on a weekly basis; and
- C Maintain certification of inspection in the unit's operating record.

MISCELLANEOUS UNITS (Permitted Facilities Only)

Because developing and following a written schedule for inspecting equipment is covered in the “General Hazardous Waste Facility Standards ICR” (EPA ICR Number 1571), submitting a biennial report is covered in the “Biennial Report ICR” (EPA ICR Number 976), preparing an unmanifested waste report is covered in the “Manifest ICR” (EPA ICR Number 801), preparing release, fire, explosion, and closure reports are covered in the “General Hazardous Waste Facility Standards ICR” (EPA ICR Number 1571), and documenting post-closure care procedures for closed miscellaneous units that have contaminated soils or ground water are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573), these data items and activities associated with them are not covered in this ICR. The only burden covered in this ICR for respondents regulated under 40 CFR Part 264, Subpart X is for reading the regulations.

PROCESS VENTS

Interim status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart AA is expected to read the regulations.

Control device operation documentation

(i) Data items:

40 CFR 265.1033(i) requires owner/operators to prepare documentation describing the operation of control devices different from those specified in §265.1033(f), (g), and (h) and identifying process parameters that indicate proper operation and maintenance of those control devices. The data items for this determination include:

- C Information describing the control device operation; and
- C Information on the process parameter or parameters that will be used to indicate proper operation and maintenance of the control device.

(ii) Respondent activities:

To comply with §265.1033(i), respondents must perform the following activities:

- C Gather information on control device operation and process parameters;
- C Document control device operation and process parameter information;
- C Reassess and file control device/process parameter information;
- C Modify control device documentation, if necessary; and

- C Maintain documentation at the unit (required under §265.1035(e)).

Waste determination

(i) Data items:

40 CFR 265.1034(d)(2) requires owner/operators to document waste determinations that are based on knowledge of the waste rather than testing. Data items required for documenting waste determinations are not specified, but may include the following:

- C Production process information documenting that no organic compounds are used;
- C Waste generation information documenting that the waste is generated by a process identical to a process at the same or another unit that has previously been demonstrated by direct measurement to generate a waste stream having a total organic content less than 10 ppmw; and
- C Prior specification analysis results on the same waste stream where it can be documented that no process changes have occurred since the specification analysis was conducted that could affect the waste total organic concentration.

(ii) Respondent activities:

To comply with §265.1034(d)(2), respondents must perform the following activities:

- C Gather information on production processes, waste generation, and specification analysis;
- C Document information on production processes, waste generation, and specification analysis; and
- C Maintain documentation at the unit.

Unit operating record

Implementation schedule

Under 40 CFR 265.1035(b)(1), owner/operators of facilities that comply with the provisions of §265.1033(a)(2) are required to put the implementation schedule in the unit operating record.

(i) Data item:

- C An implementation schedule that includes dates by which the closed-vent system and control device will be installed and in operation. The schedule must also include a rationale of why the installation cannot be completed at an earlier date.

(ii) Respondent activities:

To comply with §265.1035(b)(1), respondents must perform the following activities:

- C Prepare implementation schedule;
- C Reassess implementation schedule;
- C File and maintain implementation schedule; and
- C Modify implementation schedule, if necessary.

Up-to-date documentation of compliance with the process vent standards in §265.1032

Under 40 CFR 265.1035(b)(2), owner/operators are required to record the following information in the unit operating record to document up-to-date compliance with §265.1032.

(i) Data items:

- C Information and data identifying all affected process vents, annual throughput and operating hours of each affected unit, estimated emission rates for each affected vent and for the overall unit, and the approximate location within the unit of each affected unit; and
- C Information and data supporting determinations of vent emissions and emission reductions achieved by add-on control devices based on engineering calculations or source tests.

(ii) Respondent activities:

To comply with §265.1035(b)(2), respondents must perform the following activities:

- C Prepare documentation of compliance;
- C Reassess documentation of compliance;
- C File and maintain documentation of compliance; and
- C Modify documentation of compliance, if necessary.

Performance test plan

Under 40 CFR 265.1035(b)(3), owner/operators are required to put the performance test plan in the unit operating record.

(i) Data item:

- C Where an owner or operator chooses to use test data to determine the organic removal efficiency or total organic compound concentration achieved by the control device, a performance test plan that includes the following information:
- A description of how it is determined that the planned test is going to be conducted when the hazardous waste management unit is operating at the highest load or capacity level reasonably expected to occur. This shall include the estimated or design flow rate and organic content of each vent stream and define the acceptable operating ranges of key process and control device parameters during the test program;
 - A detailed engineering description of the closed-vent system and control device, including:
 - Manufacturer's name and model number of control device;
 - Type of control device;
 - Dimensions of the control device;
 - Capacity;
 - Construction materials; and
 - A detailed description of sampling and monitoring procedures, including sampling and monitoring locations in the system, the equipment to be used, sampling and monitoring frequency, and planned analytical procedures for sample analysis.

(ii) Respondent activities:

To comply with §265.1035(b)(3), respondents must perform the following activities:

- C Prepare performance test plan;
- C Reassess performance test plan;
- C File and maintain performance test plan; and
- C Modify performance test plan, if necessary.

Documentation of compliance with §265.1033

Under 40 CFR 265.1035(b)(4), owner/operators are required to record the following information in the unit operating record to document compliance with §265.1033.

(i) Data items:

- C A list of all information references and sources used in preparing the documentation;
- C Records including the dates of each compliance test required by §265.1033(j);
- C If engineering calculations are used, a design analysis, specifications, drawings, schematics, and piping and instrumentation diagrams based on the appropriate sections of "APTI Course 415: Control of Gaseous Emissions" or other engineering texts acceptable to the Regional Administrator that present basic control device design information. Documentation provided by the control device manufacturer or vendor that describes the control device design in accordance with paragraphs (b)(4)(iii)(A) through (b)(4)(iii)(G) of this section may be used;
- C A statement signed and dated by the owner/operator certifying that the operating parameters used in the design analysis reasonably represent the conditions that exist when the hazardous waste management unit is or would be operating at the highest load or capacity level reasonably expected to occur;
- C A statement signed and dated by the owner/operator certifying that the control device is designed to operate at an efficiency of 95 percent or greater unless the total organic concentration limit of §265.1032(a) is achieved at an efficiency less than 95 percent or the total organic emission limits of §265.1032(a) for affected process vents at the unit can be attained by a control device involving vapor recovery at an efficiency less than 95 weight percent. A statement provided by the control device manufacturer or vendor certifying that the control equipment meets the design specifications may be used to comply with this requirement; and
- C If performance tests are used to demonstrate compliance, all tests results.

(ii) Respondent activities:

To comply with §265.1035(b)(4), respondents must perform the following activities:

- C Prepare documentation of compliance;
- C Reassess documentation of compliance;
- C File and maintain documentation of compliance; and
- C Modify documentation of compliance, if necessary.

Design, monitoring, operation, and inspection information

Under 40 CFR 265.1035(c), owner/operators are required to record the following information in the unit operating record for each closed-vent system and control device required to comply with §265.1033.

(i) Data items:

- C Description and date of each modification that is made to the closed-vent system or control device design;
- C Identification of operating parameter, description of monitoring device, and diagram of monitoring sensor location or locations used to comply with §§ 265.1033(f)(1) and (f)(2);
- C Monitoring, operating and inspection information required by paragraphs (f) through (k) of §265.1033;
- C Date, time, and duration of each period that occurs while the control device is operating when any monitored parameter exceeds the value established in the control device design analysis;
- C Explanation for each period recorded under paragraph (4) of the cause for control device operating parameter exceeding the design value and the measures implemented to correct the control device operation;
- C For a carbon adsorption system operated subject to requirements specified in §§ 265.1033(g) or 265.1033(h)(2), date when existing carbon in the control device is replaced with fresh carbon;
- C For a carbon adsorption system operated subject to requirements specified in §265.1033(h)(1), a log recording the following information:
 - Date and time when control device is monitored for carbon breakthrough and the monitoring device reading; and
 - Date existing carbon in control device is replaced with fresh carbon;
- C Date of each control device start-up and shutdown;
- C Where an owner or operator designates any components of a closed-vent system as unsafe to monitor pursuant to §265.1033(n), the owner or operator must record in a log that is kept in the facility operating record: the identification of closed-vent system components that are designated unsafe to monitor pursuant to §265.1033(n), an explanation for each closed-vent system component stating why the closed-vent system component is unsafe to monitor, and the plan for monitoring each closed-vent system component; and

- C When each leak is detected as specified in §265.1033(k), record the following information:
- The instrument identification number, the closed-vent system component identification number, and the operator name, initials, or identification number;
 - The date the leak was detected and the date of first attempt to repair the leak;
 - The date of successful repair of the leak;
 - Maximum instrument reading measured by Method 21 of 40 CFR part 60, appendix A after it is successfully repaired or determined to be nonrepairable; and
 - “Repair delayed” and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak.
- (ii) Respondent activities:

To comply with §265.1035(c), respondents must perform the following activities:

- C Prepare design, monitoring, operation, and inspection information;
- C Reassess design, monitoring, operation, and inspection information;
- C File and maintain design, monitoring, operation, and inspection information; and
- C Modify design, monitoring, operation, and inspection information, if necessary.

Determination of applicability of §265.1032

Under 40 CFR 265.1035(f), owner/operators are required to record the following information in the unit operating record used to determine the applicability of §265.1032 process vent standards.

- (i) Data item:
- C Up-to-date information and data used to determine whether or not a process vent is subject to the requirements in §265.1032 including supporting documentation as required by §265.1034(d)(2) when application of the knowledge of the nature of the hazardous waste stream or the process by which it was produced is used.
- (ii) Respondent activities:

To comply with §265.1035(f), respondents must perform the following activities:

- C Prepare the determination of applicability;

- C Reassess the determination of applicability;
- C File and maintain the determination of applicability; and
- C Modify the determination of applicability, if necessary.

Permitted facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart AA is expected to read the regulations.

Control device operation documentation

(i) Data items:

40 CFR 264.1033(j) requires owner/operators to prepare documentation describing the operation of control devices different from those specified in §264.1033(f), (g), and (h) and identifying process parameters that indicate proper operation and maintenance of those control devices. The data items for this determination include:

- C Information describing the control device operation; and
- C Information on the process parameter or parameters that will be used to indicate proper operation and maintenance of the control device.

(ii) Respondent activities:

To comply with §264.1033(j), respondents must perform the following activities:

- C Gather information on control device operation and process parameters;
- C Document control device operation and process parameter information;
- C Reassess control device operation documentation;
- C Modify control device operation documentation, if necessary; and
- C Maintain documentation at the unit (required under §264.1035(e)).

Waste determination(i) Data items:

40 CFR 264.1034(d)(2) requires owner/operators to document waste determinations that are based on knowledge of the waste rather than testing. Data items required for documenting waste determinations are not specified, but may include the following:

- C Production process information documenting that no organic compounds are used;
- C Waste generation information documenting that the waste is generated by a process identical to a process at the same or another unit that has previously been demonstrated by direct measurement to generate a waste stream having a total organic content less than 10 ppmw; and
- C Prior specification analysis results on the same waste stream where it can be documented that no process changes have occurred since the specification analysis was conducted that could affect the waste total organic concentration.

(ii) Respondent activities:

To comply with §264.1034(d)(2), respondents must perform the following activities:

- C Gather information on production processes, waste generation, and specification analysis;
- C Document information on production processes, waste generation, and specification analysis; and
- C Maintain documentation at the unit.

Unit operating recordImplementation schedule

Under 40 CFR 264.1035(b)(1), owner/operators of facilities that comply with the provisions of §264.1033(a)(2) are required to record the following information in the unit operating record.

(i) Data item:

- C An implementation schedule that includes dates by which the closed-vent system and control device will be installed and in operation. The schedule must also include a rationale of why the installation cannot be completed at an earlier date;

(ii) Respondent activities:

To comply with §264.1035(b)(1), respondents must perform the following activities:

- C Prepare the implementation schedule;
- C Reassess the implementation schedule;
- C File and maintain the implementation schedule; and
- C Modify the implementation schedule, if necessary.

Up-to-date documentation of compliance with the process vent standards in §264.1032

Under 40 CFR 264.1035(b)(2), owner/operators are required to record the following information in the unit operating record to document up-to-date compliance with §264.1032.

(i) Data items:

- C Information and data identifying all affected process vents, annual throughput and operating hours of each affected unit, estimated emission rates for each affected vent and for the overall unit, and the approximate location within the unit of each affected unit; and
- C Information and data supporting determinations of vent emissions and emission reductions achieved by add-on control devices based on engineering calculations or source tests.

(ii) Respondent activities:

To comply with §264.1035(b)(2), respondents must perform the following activities:

- C Prepare documentation of compliance;
- C Reassess documentation of compliance;
- C File and maintain documentation of compliance; and
- C Modify documentation of compliance, if necessary.

Performance test plan

Under 40 CFR 264.1035(b)(3), owners/operators that choose to use test data to determine the organic removal efficiency or total organic compound concentration achieved by the control device are required to record the following information in the unit operating record.

(i) Data item:

- C A performance test plan that includes the following information:

- A description of how it is determined that the planned test is going to be conducted when the hazardous waste management unit is operating at the highest load or capacity level reasonably expected to occur. This shall include the estimated or design flow rate and organic content of each vent stream and define the acceptable operating ranges of key process and control device parameters during the test program;
- A detailed engineering description of the closed-vent system and control device, including:
 - Manufacturer's name and model number of control device;
 - Type of control device;
 - Dimensions of the control device;
 - Capacity;
 - Construction materials; and
- A detailed description of sampling and monitoring procedures, including sampling and monitoring locations in the system, the equipment to be used, sampling and monitoring frequency, and planned analytical procedures for sample analysis.

(ii) Respondent activities:

To comply with §264.1035(b)(3), respondents must perform the following activities:

- C Prepare performance test plan;
- C Reassess performance test plan;
- C File and maintain performance test plan; and
- C Modify performance test plan, if necessary.

Documentation of compliance with §264.1033

Under 40 CFR 264.1035(b)(4), owner/operators are required to record the following information in the unit operating record to document compliance with §264.1033.

(i) Data items:

- C A list of all information references and sources used in preparing the documentation;
- C Records including the dates of each compliance test required by §264.1033(k);
- C If engineering calculations are used, a design analysis, specifications, drawings, schematics, and piping and instrumentation diagrams based on the appropriate sections of "APTI Course 415: Control of Gaseous Emissions" or other engineering texts

acceptable to the Regional Administrator that present basic control device design information. Documentation provided by the control device manufacturer or vendor that describes the control device design in accordance with paragraphs (b)(4)(iii)(A) through (b)(4)(iii)(G) of this section may be used;

- C A statement signed and dated by the owner/operator certifying that the operating parameters used in the design analysis reasonably represent the conditions that exist when the hazardous waste management unit is or would be operating at the highest load or capacity level reasonably expected to occur;
- C A statement signed and dated by the owner/operator certifying that the control device is designed to operate at an efficiency of 95 percent or greater unless the total organic concentration limit of §264.1032(a) is achieved at an efficiency less than 95 percent or the total organic emission limits of §264.1032(a) for affected process vents at the unit can be attained by a control device involving vapor recovery at an efficiency less than 95 weight percent. A statement provided by the control device manufacturer or vendor certifying that the control equipment meets the design specifications may be used to comply with this requirement; and
- C If performance tests are used to demonstrate compliance, all test results.

(ii) Respondent activities:

To comply with §264.1035(b)(4), respondents must perform the following activities:

- C Prepare documentation of compliance;
- C Reassess documentation of compliance;
- C File and maintain documentation of compliance; and
- C Modify documentation of compliance, if necessary.

Design, monitoring, operation, and inspection information

Under 40 CFR 264.1035(c), owner/operators are required to record the following information in the unit operating record for each closed-vent system and control device required to comply with §264.1033.

(i) Data items:

- C Description and date of each modification that is made to the closed-vent system or control device design;
- C Identification of operating parameter, description of monitoring device, and diagram of monitoring sensor location or locations used to comply with §§ 264.1033(f)(1) and (f)(2);

- C Monitoring, operating and inspection information required by paragraphs (f) through (k) of §264.1033;
- C Date, time, and duration of each period that occurs while the control device is operating when any monitored parameter exceeds the value established in the control device design analysis;
- C Explanation for each period recorded under paragraph (4) of the cause for control device operating parameter exceeding the design value and the measures implemented to correct the control device operation;
- C For a carbon adsorption system operated subject to requirements specified in §§ 264.1033(g) or 264.1033(h)(2), date when existing carbon in the control device is replaced with fresh carbon;
- C For a carbon adsorption system operated subject to requirements specified in §264.1033(h)(1), a log recording the following information:
 - Date and time when control device is monitored for carbon breakthrough and the monitoring device reading; and
 - Date existing carbon in control device is replaced with fresh carbon;
- C Date of each control device startup and shutdown;
- C Where an owner or operator designates any components of a closed-vent system as unsafe to monitor pursuant to §264.1033(o), the owner or operator must record in a log that is kept in the facility operating record: the identification of closed-vent system components that are designated unsafe to monitor pursuant to §265.1033(o), an explanation for each closed-vent system component stating why the closed-vent system component is unsafe to monitor, and the plan for monitoring each closed-vent system component; and
- C When each leak is detected as specified in §264.1033(l), record the following information:
 - The instrument identification number, the closed-vent system component identification number, and the operator name, initials, or identification number;
 - The date the leak was detected and the date of first attempt to repair the leak;
 - The date of successful repair of the leak;
 - Maximum instrument reading measured by Method 21 of 40 CFR part 60, appendix A after it is successfully repaired or determined to be nonrepairable; and

- “Repair delayed” and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak.

(ii) Respondent activities:

To comply with §264.1035(c), respondents must perform the following activities:

- C Prepare design, monitoring, operation, and inspection information;
- C Reassess design, monitoring, operation, and inspection information;
- C File and maintain design, monitoring, operation, and inspection information; and
- C Modify design, monitoring, operation, and inspection information, if necessary.

Determination of applicability of §264.1032

Under 40 CFR 264.1035(f), owner/operators are required to record the following information in the unit operating record used to determine the applicability of §264.1032 process vent standards.

(i) Data item:

- C Up-to-date information and data used to determine whether or not a process vent is subject to the requirements in §264.1032 including supporting documentation as required by §264.1034(d)(2) when application of the knowledge of the nature of the hazardous waste stream or the process by which it was produced is used.

(ii) Respondent activities:

To comply with §264.1035(f), respondents must perform the following activities:

- C Prepare determination of applicability;
- C File and maintain determination of applicability;
- C Reassess determination of applicability; and
- C Modify determination of applicability, if necessary.

Semiannual report of control device monitoring events

(i) Data item:

40 CFR 264.1036 requires owner/operators with control devices that have exceeded or operated outside of the design specifications as defined in §264.1035(c)(4) for more than 24 hours or flares that have operated with visible emissions as defined in §264.1033(d) to submit a semiannual report to the Regional Administrator. The report must contain the following information:

- C The EPA identification number, name, and address of the unit;
- C Dates when the control device exceeded or operated outside of the design specifications as indicated by the control device monitoring required by §264.1033(f) which were not corrected within 24 hours;
- C Dates when a flare operated with visible emissions as defined in §264.1033(d) and as determined by Method 22 monitoring;
- C The duration and cause of each control device exceedance or visible emissions; and
- C Corrective measures taken for each control device exceedance or visible emissions.

(ii) Respondent activities:

To comply with §264.1036, respondents must perform the following activities:

- C Prepare the semiannual report; and
- C Submit the semiannual report to the Regional Administrator.

EQUIPMENT LEAKS

Interim status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart BB is expected to read the regulations.

Notification to implement the alternate valve standard specified in §265.1061(a)

(i) Data item:

40 CFR 265.1061(b)(1) requires owners or operators that have decided to implement the alternative standard for valves specified in §265.1061(a) to notify the Regional Administrator. No specific data items are to be included in this notification.

(ii) Respondent activities:

To comply with §265.1061(b)(1), respondents must perform the following activities:

- C Prepare notification; and
- C Submit notification to the Regional Administrator.

Notification to discontinue implementing the alternative valve standard specified in §265.1061(a)

(i) Data item:

40 CFR 265.1061(d) requires owners or operators that no longer wish to implement the alternative standard for valves specified in §265.1061(a) to notify the Regional Administrator. No specific data items are to be included in this notification.

(ii) Respondent activities:

To comply with §265.1061(d), respondents must perform the following activities:

- C Prepare notification; and
- C Submit notification to the Regional Administrator.

Notification to implement the alternative valve standard specified in §§ 265.1062(b)(2), or 265.1062(b)(3)

(i) Data item:

40 CFR 265.1062(a)(2) requires owners or operators that have decided to implement the alternative standard for valves specified in §§ 265.1062(b)(2), or 265.1062(b)(3) to notify the Regional Administrator. No specific data items are to be included in this notification.

(ii) Respondent activities:

To comply with §265.1062(a)(2), respondents must perform the following activities:

- C Prepare notification; and
- C Submit notification to the Regional Administrator.

Non-hazardous waste documentation

(i) Data items:

40 CFR 265.1063(d)(3) requires owners or operators that determining that each piece of equipment does or does not contain hazardous waste with organic concentration that equals or exceeds 10 percent waste to document the determination if it was based on knowledge rather than testing. Data items required for documenting waste determinations are not specified, but may include the following:

- C Production process information documenting that no organic compounds are used;

- C Waste generation information documenting that the waste is generated by a process identical to a process at the same or another unit that has previously been demonstrated by direct measurement to generate a waste stream having a total organic content less than 10 ppmw; and
- C Prior specification analysis results on the same waste stream where it can be documented that no process changes have occurred since the specification analysis was conducted that could affect the waste total organic concentration.

(ii) Respondent activities:

To comply with §265.1063(d)(3), respondents must perform the following activities:

- C Gather information on production processes, waste generation, and specification analysis;
- C Document information on production processes, waste generation, and specification analysis; and
- C Maintain documentation at the unit.

Unit operating record

Equipment record

Under 40 CFR 265.1064(b)(1), owner/operators are required to record the following information in the unit operating record for each piece of equipment to which Subpart BB applies.

(i) Data items:

- C Equipment identification number and hazardous waste management unit identification;
- C Approximate locations within the unit;
- C Type of equipment;
- C Percent-by-weight total organics in the hazardous waste stream at the equipment;
- C Hazardous waste state at the equipment; and
- C Method of compliance with the standard.

(ii) Respondent activities:

To comply with §265.1064(b)(1), respondents must perform the following activities:

- C Prepare equipment record;
- C Reassess equipment record;
- C File and maintain equipment record; and
- C Modify equipment record, if necessary.

Implementation schedule

Under 40 CFR 265.1064(b)(2), owner/operators of facilities that comply with the provisions of §265.1033(a)(2) are required to record the following information in the unit operating record.

(i) Data item:

- C An implementation schedule that includes dates by which the closed-vent system and control device will be installed and in operation. The schedule must also include a rationale of why the installation cannot be completed at an earlier date.

(ii) Respondent activities:

To comply with §265.1064(b)(2), respondents must perform the following activities:

- C Prepare implementation schedule;
- C Reassess implementation schedule;
- C File and maintain implementation schedule; and
- C Modify implementation schedule, if necessary.

Performance test plan

Under 40 CFR 265.1064(b)(3), owner/operators that choose to use test data to demonstrate the organic removal efficiency or total organic compound concentration achieved by the control device are required to record the following information in the unit operating record.

(i) Data item:

- C A performance test plan as specified in §265.1035(b)(3).

(ii) Respondent activities:

To comply with §265.1064(b)(3), respondents must perform the following activities:

- C Prepare performance test plan;
- C Reassess performance test plan;
- C File and maintain performance test plan; and
- C Modify performance test plan, if necessary.

Documentation of compliance with §265.1060

Under 40 CFR 265.1064(b)(4), owner/operators are required to record the following information in the unit operating record to document compliance with §265.1060.

(i) Data item:

- C Detailed design documentation or performance test results specified in §265.1035(b)(4).

(ii) Respondent activities:

To comply with §265.1064(b)(4), respondents must perform the following activities:

- C Prepare documentation of compliance;
- C Reassess documentation of compliance;
- C File and maintain documentation of compliance; and
- C Modify documentation of compliance, if necessary.

Leak inspection log

Under 40 CFR 265.1064(d), owner/operators are required to record the following information in the unit operating record when each leak is detected as specified in §§ 265.1052, 265.1053, 265.1057, and 265.1058.

(i) Data item:

- C An inspection log that includes the following information:
 - Instrument and operator identification numbers and the equipment identification number;

- The date evidence of a potential leak was found in accordance with §265.1058(a);
- The date the leak was detected and the dates of each attempt to repair the leak;
- Repair methods applied in each attempt to repair the leak;
- "Above 10,000" if the maximum instrument reading measured by the methods specified in §265.1063(b) after each repair attempt is equal to or greater than 10,000 ppm;
- "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak;
- Documentation supporting the delay of repair of a valve in compliance with §265.1059(c);
- The signature of the owner or operator (or designate) whose decision it was that repair could not be effected without a hazardous waste management unit shutdown;
- The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days; and
- The date of successful repair of the leak.

(ii) Respondent activities:

To comply with §265.1064(d), respondents must perform the following activities:

- C Prepare leak inspection log;
- C Reassess leak inspection log;
- C File and maintain leak inspection log; and
- C Modify leak inspection log, if necessary.

Design, monitoring, operation, and inspection information

Under 40 CFR 265.1064(e), owner/operators are required to record the following information in the unit operating record for each closed-vent system and control device required to comply with §265.1060.

(i) Data items:

- C Description and date of each modification that is made to the closed-vent system or control device design;
- C Identification of operating parameter, description of monitoring device, and diagram of monitoring sensor location or locations used to comply with §§ 265.1033(f)(1) and (f)(2);
- C Monitoring, operating and inspection information required by paragraphs (f) through (j) of §265.1033;
- C Date, time, and duration of each period that occurs while the control device is operating when any monitored parameter exceeds the value established in the control device design analysis;
- C Explanation for each period recorded under paragraph (3) of the cause for control device operating parameter exceeding the design value and the measures implemented to correct the control device operation;
- C For a carbon adsorption system operated subject to requirements specified in §§ 265.1033(g) or 265.1033(h)(2), date when existing carbon in the control device is replaced with fresh carbon;
- C For a carbon adsorption system operated subject to requirements specified in §265.1033(h)(1), a log recording the following information:
 - Date and time when control device is monitored for carbon breakthrough and the monitoring device reading; and
 - Date when existing carbon in the control device is replaced with fresh carbon; and
- C Date of each control device startup and shutdown.

(ii) Respondent activities:

To comply with §265.1064(e), respondents must perform the following activities:

- C Prepare design, monitoring, operation, and inspection information;
- C Reassess design, monitoring, operation, and inspection information;
- C File and maintain design, monitoring, operation, and inspection information; and
- C Modify design, monitoring, operation, and inspection information, if necessary.

Monitoring and inspection information for other control devices

Under 40 CFR 265.1064(f), owner/operators are required to record the following information in the unit operating record for a control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system.

(i) Data items:

- C Monitoring and inspection information indicating proper operation and maintenance of the control device.

(ii) Respondent activities:

To comply with §265.1064(f), respondents must perform the following activities:

- C Prepare monitoring and inspection information;
- C Reassess monitoring and inspection information;
- C File and maintain monitoring and inspection information; and
- C Modify monitoring and inspection information, if necessary.

Equipment log

Under 40 CFR 265.1064(g), owner/operators are required to record the following information in the unit operating record for all equipment subject to §§ 265.1052 through §265.1060.

(i) Data items:

- C A log recording the following information:
 - A list of identification numbers (except welded fittings) for equipment subject to the standards of Subpart BB;
 - A list of identification numbers for equipment that the owner or operator elects to designate for no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, under §§ 265.1052(e), 265.1053(i), and 265.1057(f);
 - Signed designation of this equipment as subject to the requirements of §§ 265.1052(e), 265.1053(i), and 265.1057(f) by the owner or operator;
 - A list of equipment identification numbers for pressure relief devices required to comply with §265.1054(a);

- The dates of each compliance test required in §§ 265.1052(e), 265.1053(i), 265.1054, and 265.1057(f);
- The background level measured during each compliance test;
- The maximum instrument reading measured at the equipment during each compliance test;
- A list of identification numbers for equipment in vacuum service; and
- Identification, either by list or location (area or group) of equipment that contains or contacts hazardous waste with an organic concentration of at least 10 percent by weight for less than 300 hours per calendar year.

(ii) Respondent activities:

To comply with §265.1064(g), respondents must perform the following activities:

- C Prepare equipment log;
- C Reassess equipment log;
- C File and maintain equipment log; and
- C Modify equipment log, if necessary.

Valve log for all valves subject to §265.1057(g) and (h)

Under 40 CFR 265.1064(h), owner/operators are required to record the following information in the unit operating record.

(i) Data item:

- C A log for all valves subject to §265.1057(g) and (h) that includes the following information:
 - A list of identification numbers for valves that are designated as unsafe to monitor, an explanation for each valve stating why the valve is unsafe to monitor, and the plan for monitoring each valve; and
 - A list of identification numbers for valves that are designated as difficult to monitor, an explanation for each valve stating why the valve is difficult to monitor, and the planned schedule for monitoring each valve.

(ii) Respondent activities:

To comply with §265.1064(h), respondents must perform the following activities:

- C Prepare valve log;
- C Reassess valve log;
- C File and maintain valve log; and
- C Modify valve log, if necessary.

Valve log for all valves subject to §265.1062

Under 40 CFR 265.1064(i), owner/operators are required to record the following information in the unit operating record.

(i) Data item:

- C For all valves complying with §265.1062, a log containing the following information:
 - A schedule for monitoring; and
 - The percent of valves found leaking during each monitoring period.

(ii) Respondent activities:

To comply with §265.1064(i), respondents must perform the following activities:

- C Prepare valve log;
- C Reassess valve log;
- C File and maintain valve log; and
- C Modify valve log, if necessary.

Criteria log

Under 40 CFR 265.1064(j), owner/operators are required to record the following information in the unit operating record.

(i) Data item:

- C A criteria log containing the following information:

- Criteria required in §265.1052(d)(5)(ii) and §265.1053(e)(2) and an explanation of the design criteria; and
 - Any changes to these criteria and the reasons for these changes.
- (ii) Respondent activities:

To comply with §265.1064(j), respondents must perform the following activities:

- C Prepare criteria log;
- C Reassess criteria log;
- C File and maintain criteria log; and
- C Modify criteria log, if necessary.

Exemption log

Under 40 CFR 265.1064(k), owner/operators are required to record the following information in the unit operating record.

- (i) Data item:
- C An exemption log containing the following information:
 - An analysis determining the design capacity of the hazardous waste management unit;
 - A statement listing the hazardous waste influent to and effluent from each hazardous waste management unit subject to the requirements in §§ 265.1052 through 265.1060 and an analysis determining whether these hazardous wastes are heavy liquids; and
 - An up-to-date analysis and the supporting information and data used to determine whether or not equipment is subject to the requirements in §§ 265.1052 through 265.1060. The record shall include supporting documentation as required by §265.1063(d)(3) when application of the knowledge of the nature of the hazardous waste stream or the process by which it was produced is used.
- (ii) Respondent activities:

To comply with §265.1064(k), respondents must perform the following activities:

- C Prepare exemption log;

- C Reassess exemption log;
- C File and maintain exemption log; and
- C Modify exemption log, if necessary.

Permitted facilities:

Regulations

Each owner/operator regulated under Part 264 is expected to read the regulations.

Notification to implement the alternate valve standard specified in §264.1061(a)

(i) Data item:

40 CFR 264.1061(b)(1) requires owners or operators that have decided to implement the alternative standard for valves specified in §264.1061(a) to notify the Regional Administrator. No specific data items are to be included in this notification.

(ii) Respondent activities:

To comply with §264.1061(b)(1), respondents must perform the following activities:

- C Prepare notification; and
- C Submit notification to the Regional Administrator.

Notification to discontinue implementing the alternative valve standard specified in §264.1061(a)

(i) Data item:

40 CFR 264.1061(d) requires owners or operators that no longer wish to implement the alternative standard for valves specified in §264.1061(a) to notify the Regional Administrator. No specific data items are to be included in this notification.

(ii) Respondent activities:

To comply with §264.1061(d), respondents must perform the following activities:

- C Prepare notification; and
- C Submit notification to the Regional Administrator.

Notification to implement the alternative valve standard specified in §§ 264.1062(b)(2), or §264.1062(b)(3)

(i) Data item:

40 CFR 264.1062(a)(2) requires owners or operators that have decided to implement the alternative standard for valves specified in §§ 264.1062(b)(2) or 264.1062(b)(3) to notify the Regional Administrator. No specific data items are to be included in this notification.

(ii) Respondent activities:

To comply with §264.1062(a)(2), respondents must perform the following activities:

- C Prepare notification; and
- C Submit notification to the Regional Administrator.

Non-hazardous waste documentation

(i) Data items:

40 CFR 264.1063(d)(3) requires owners or operators that determining that each piece of equipment does or does not contain hazardous waste with organic concentration that equals or exceeds 10 percent waste to document the determination if it was based on knowledge rather than testing. Data items required for documenting waste determinations are not specified, but may include the following:

- C Production process information documenting that no organic compounds are used;
- C Waste generation information documenting that the waste is generated by a process identical to a process at the same or another unit that has previously been demonstrated by direct measurement to generate a waste stream having a total organic content less than 10 ppmw; and
- C Prior specification analysis results on the same waste stream where it can be documented that no process changes have occurred since the specification analysis was conducted that could affect the waste total organic concentration.

(ii) Respondent activities:

To comply with §264.1063(d)(3), respondents must perform the following activities:

- C Gather information on production processes, waste generation, and specification analysis;
- C Document information on production processes, waste generation, and specification analysis; and

- C Maintain documentation at the unit.

Unit operating record

Equipment record

Under 40 CFR 264.1064(b)(1), owner/operators are required to record the following information in the unit operating record for each piece of equipment to which Subpart BB applies.

(i) Data items:

- C Equipment identification number and hazardous waste management unit identification;
- C Approximate locations within the unit;
- C Type of equipment;
- C Percent-by-weight total organics in the hazardous waste stream at the equipment;
- C Hazardous waste state at the equipment; and
- C Method of compliance with the standard.

(ii) Respondent activities:

To comply with §264.1064(b)(1), respondents must perform the following activities:

- C Prepare equipment record;
- C Reassess equipment record;
- C File and maintain equipment record; and
- C Modify equipment record, if necessary.

Implementation schedule

Under 40 CFR 264.1064(b)(2), owner/operators of facilities that comply with the provisions of §264.1033(a)(2) are required to record the following information in the unit operating record.

(i) Data item:

- C An implementation schedule that includes dates by which the closed-vent system and control device will be installed and in operation. The schedule must also include a rationale of why the installation cannot be completed at an earlier date.

(ii) Respondent activities:

To comply with §264.1064(b)(2), respondents must perform the following activities:

- C Prepare implementation schedule;
- C Reassess implementation schedule;
- C File and maintain implementation schedule; and
- C Modify implementation schedule, if necessary.

Performance test plan

Under 40 CFR 264.1064(b)(3), owner/operators that choose to use test data to demonstrate the organic removal efficiency or total organic compound concentration achieved by the control device are required to record the following information in the unit operating record.

(i) Data item:

- C A performance test plan as specified in §264.1035(b)(3).

(ii) Respondent activities:

To comply with §264.1064(b)(3), respondents must perform the following activities:

- C Prepare performance test plan;
- C Reassess performance test plan;
- C File and maintain performance test plan; and
- C Modify performance test plan, if necessary.

Documentation of compliance with §264.1060

Under 40 CFR 264.1064(b)(4), owner/operators are required to record the following information in the unit operating record.

(i) Data item:

- C Documentation of compliance with §264.1060, including detailed design documentation or performance test results specified in §264.1035(b)(4).

(ii) Respondent activities:

To comply with §264.1064(b)(4), respondents must perform the following activities:

- C Prepare documentation of compliance;
- C Reassess documentation of compliance;
- C File and maintain documentation of compliance; and
- C Modify documentation of compliance, if necessary.

Leak inspection log

Under 40 CFR 264.1064(d), owner/operators are required to record the following information in the unit operating record.

- (i) Data item:
 - C When each leak is detected as specified in §§ 264.1052, 264.1053, 264.1057, and 264.1058, an inspection log that includes the following information:
 - Instrument and operator identification numbers and the equipment identification number;
 - The date evidence of a potential leak was found in accordance with §264.1058(a);
 - The date the leak was detected and the dates of each attempt to repair the leak;
 - Repair methods applied in each attempt to repair the leak;
 - "Above 10,000" if the maximum instrument reading measured by the methods specified in §264.1063(b) after each repair attempt is equal to or greater than 10,000 ppm;
 - "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak;
 - Documentation supporting the delay of repair of a valve in compliance with §264.1059(c);
 - The signature of the owner or operator (or designate) whose decision it was that repair could not be effected without a hazardous waste management unit shutdown;
 - The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days; and
 - The date of successful repair of the leak.

(ii) Respondent activities:

To comply with §264.1064(d), respondents must perform the following activities:

- C Prepare leak inspection log;
- C Reassess leak inspection log;
- C File and maintain leak inspection log; and
- C Modify leak inspection log, if necessary.

Design, monitoring, operation, and inspection information

Under 40 CFR 264.1064(e), owner/operators are required to record the following information in the unit operating record for each closed-vent system and control device required to comply with §264.1060.

(i) Data items:

- C Description and date of each modification that is made to the closed-vent system or control device design;
- C Identification of operating parameter, description of monitoring device, and diagram of monitoring sensor location or locations used to comply with §§ 264.1033(f)(1) and (f)(2);
- C Monitoring, operating and inspection information required by paragraphs (f) through (k) of §264.1033;
- C Date, time, and duration of each period that occurs while the control device is operating when any monitored parameter exceeds the value established in the control device design analysis;
- C Explanation for each period recorded under paragraph (4) of the cause for control device operating parameter exceeding the design value and the measures implemented to correct the control device operation;
- C For a carbon adsorption system operated subject to requirements specified in §§ 264.1033(g) or 264.1033(h)(2), date when existing carbon in the control device is replaced with fresh carbon;
- C For a carbon adsorption system operated subject to requirements specified in §264.1033(h)(1), a log recording the following information:
 - Date and time when control device is monitored for carbon breakthrough and the monitoring device reading; and

-- Date when existing carbon in the control device is replaced with fresh carbon;
and

C Date of each control device startup and shutdown.

(ii) Respondent activities:

To comply with §264.1064(e), respondents must perform the following activities:

C Prepare design, monitoring, operation, and inspection information;

C Reassess design, monitoring, operation, and inspection information;

C File and maintain design, monitoring, operation, and inspection information; and

C Modify design, monitoring, operation, and inspection information, if necessary.

Monitoring and inspection information for other control devices

Under 40 CFR 264.1064(f), owner/operators are required to record the following information in the unit operating record for a control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system.

(i) Data items:

C Recordkeeping information specified by the Regional Administrator.

(ii) Respondent activities:

To comply with §264.1064(f), respondents must perform the following activities:

C Prepare monitoring and inspection information;

C Reassess monitoring and inspection information;

C File and maintain monitoring and inspection information; and

C Modify monitoring and inspection information, if necessary.

Equipment log

Under 40 CFR 264.1064(g), owner/operators are required to record the following information in the unit operating record.

(i) Data items:

- C A log recording the following information for all equipment subject to §§ 264.1052 through 264.1060:
- A list of identification numbers (except welded fittings) for equipment subject to the standards of Subpart BB;
 - A list of identification numbers for equipment that the owner or operator elects to designate for no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, under §§ 264.1052(e), 264.1053(i), and 264.1057(f);
 - Signed designation of this equipment as subject to the requirements of §§ 264.1052(e), 264.1053(i), and 264.1057(f) by the owner or operator;
 - A list of equipment identification numbers for pressure relief devices required to comply with §264.1054(a);
 - The dates of each compliance test required in §§ 264.1052(e), 264.1053(i), 264.1054, and 264.1057(f);
 - The background level measured during each compliance test;
 - The maximum instrument reading measured at the equipment during each compliance test;
 - A list of identification numbers for equipment in vacuum service; and
 - Identification either by list or location (area or group) of equipment that contains or contacts hazardous waste with an organic concentration of at least 10 percent by weight for less than 300 hours per calendar year.

(ii) Respondent activities:

To comply with §264.1064(g), respondents must perform the following activities:

- C Prepare equipment log;
- C Reassess equipment log;
- C File and maintain equipment log; and
- C Modify equipment log, if necessary.

Valve log for all valves subject to §264.1057(g) and (h)

Under 40 CFR 264.1064(h), owner/operators are required to record the following information in the unit operating record.

(i) Data item:

C A log for valves subject to §264.1057(g) and (h), including the following:

- List of identification numbers for valves designated as unsafe to monitor, an explanation for each valve stating why the valve is unsafe to monitor, and the plan for monitoring each valve; and
- List of identification numbers for valves designated as difficult to monitor, an explanation for each valve stating why the valve is difficult to monitor, and the planned schedule for monitoring each valve.

(ii) Respondent activities:

To comply with §264.1064(h), respondents must perform the following activities:

- C Prepare valve log;
- C Reassess valve log;
- C File and maintain valve log; and
- C Modify valve log, if necessary.

Valve log for all valves subject to §264.1062

Under 40 CFR 264.1064(i), owner/operators are required to record the following information in the unit operating record.

(i) Data item:

C For all valves complying with §264.1062, a log containing the following information:

- A schedule for monitoring; and
- The percent of valves found leaking during each monitoring period.

(ii) Respondent activities:

To comply with §264.1064(i), respondents must perform the following activities:

- C Prepare valve log;

- C Reassess valve log;
- C File and maintain valve log; and
- C Modify valve log, if necessary.

Criteria log

Under 40 CFR 264.1064(j), owner/operators are required to record the following information in the unit operating record.

(i) Data item:

- C A criteria log containing the following information:
 - Criteria required in §§ 264.1052(d)(5)(ii) and 264.1053(e)(2) and an explanation of the design criteria; and
 - Any changes to these criteria and the reasons for these changes.

(ii) Respondent activities:

To comply with §264.1064(j), respondents must perform the following activities:

- C Prepare criteria log;
- C Reassess criteria log;
- C File and maintain criteria log; and
- C Modify criteria log, if necessary.

Exemption log

Under 40 CFR 264.1064(k), owner/operators are required to record the following information in the unit operating record.

(i) Data item:

- C An exemption log containing the following information:
 - An analysis determining design capacity of the hazardous waste management unit;

- A statement listing hazardous waste influent to and effluent from each hazardous waste management unit subject to §§ 264.1052 through 264.1060 and an analysis determining whether these hazardous wastes are heavy liquids; and
 - An up-to-date analysis and the supporting information and data used to determine whether or not equipment is subject to the requirements in §§ 264.1052 through 264.1060. The record shall include supporting documentation as required by §264.1063(d)(3) when application of the knowledge of the nature of the hazardous waste stream or the process by which it was produced is used.
- (ii) Respondent activities:

To comply with §264.1064(k), respondents must perform the following activities:

- C Prepare exemption log;
- C Reassess exemption log;
- C File and maintain exemption log; and
- C Modify exemption log, if necessary.

Semiannual report of control device monitoring events

- (i) Data item:

40 CFR 264.1065 requires owner/operators with control devices that have exceeded or operated outside of the design specifications as defined in §264.1035(c)(4) for more than 24 hours or flares that have operated with visible emissions as defined in §264.1033(d) to submit a semiannual report to the Regional Administrator. The report must contain the following information:

- C The EPA identification number, name, and address of the unit;
- C For each month during the semiannual reporting period:
 - The equipment identification number of each valve for which a leak was not repaired as required in §264.1057(d);
 - The equipment identification number of each pump for which a leak was not repaired as required in §§ 264.1052(c) and (d)(6); and
 - The equipment identification number of each compressor for which a leak was not repaired as required in §264.1053(g);
- C Dates of hazardous waste management unit shutdowns that occurred within the semiannual reporting period; and

- C For each month during the semiannual reporting period, dates when the control device installed as required by §§ 264.1052, 264.1053, 264.1054, or 264.1055 exceeded or operated outside the design specifications and was not corrected within 24 hours, the duration and cause of each exceedance, and any corrective measures taken.

- (ii) Respondent activities:

To comply with §264.1065, respondents must perform the following activities:

- C Prepare the semiannual report; and
- C Submit the semiannual report to the Regional Administrator.

CONTAINMENT BUILDINGS

Interim status facilities:

Regulations

Each owner/operator regulated under 40 CFR Part 265, Subpart DD is expected to read the regulations.

Notification of intent to be bound by §265.1100 regulations at an earlier time

Pursuant to §265.1100, owner/operators of containment buildings who store or treat hazardous waste in a unit designed and operated under §265.1101 will be subject to regulation under the section six months from promulgation, although the owner/operator may notify EPA of his or her intent to be bound by these regulations at an earlier time.

- (i) Data item:

- C If applicable, notification to EPA to be bound by the regulations earlier than as specified in §265.1100.

- (ii) Respondent activity:

To comply with §265.1100, respondents must perform the following activity:

- C If applicable, notify EPA of intent to be bound by the regulations earlier than specified in §265.1100, as required by §265.1100.

Demonstration that unit meets the standards of Subpart DD

Under §265.1101(b)(4), for existing units other than 90-day generator units, EPA may delay the secondary containment requirement for up to two years, based on a demonstration by the owner/operator that the unit substantially meets the standards of this Subpart. In making a demonstration, the owner/operator must meet the requirements of §265.1101(b)(4)(i) and (ii).

(i) Data item:

C A demonstration that the unit substantially meets the standards of Subpart DD, if the owner/operator wants the secondary containment requirement to be delayed. The demonstration must include:

- Written notice of the request, describing the unit and its operating practices with specific reference to the performance of existing containment systems and specific plans for retrofitting the unit with secondary containment;
- Response to comments from the Regional Administrator; and
- Fulfillment of the terms of the revised plan, if such plans are approved by EPA.

(ii) Respondent activity:

To comply with §265.1101(b)(4), respondents must perform the following activity:

C Demonstrate that the unit substantially meets the standards of Subpart DD, if the owner/operator wants the secondary containment requirement to be delayed, as required by or §265.1101(b)(4).

Certification and response procedures

Pursuant to §265.1101(c)(2), owner/operators of all containment units placed into operation prior to the effective date of the rule must obtain and maintain in the operating record (on-site files for generators who are not formally required to have operating records) a certification by a qualified registered professional engineer. The certification must certify that the containment building design meets the requirements of §265.1101(a) through (c). Throughout the active life of the containment building, if the owner/operator detects a condition that could lead to or has caused a release of hazardous waste, s/he must repair the condition promptly, in accordance with the procedures in §265.1101(c)(3). The owner/operator must also inspect and record in the unit operating record, at least once every seven days, data gathered from monitoring equipment and leak detection equipment as well as the containment building and the area immediately surrounding the containment building to detect signs of releases of hazardous waste, as required by §265.1101(c)(4).

(i) Data items:

C Certification by a qualified registered professional engineer that the containment building design meets the requirements of §265.1101(a) through (c);

C Upon the owner/operator's detecting a condition that has caused a release:

- A record of discovery of the release into the unit operating record;
- A schedule for accomplishing cleanup and repairs;

- Notification to the Regional Administrator of the condition within 7 days after the discovery of the condition;
 - A written notice with a description of the steps taken to repair the containment building, and a schedule for accomplishing the work; and
 - Notification to the Regional Administrator in writing and a verification signed by a qualified, registered professional engineer that the repairs and cleanup have been completed according to the written plan submitted in accordance with paragraph (c)(3)(i)(D) of this section;
- C Data from monitoring and leak detection equipment, the containment building, and the area immediately surrounding the containment building.

(ii) Respondent activities:

To comply with §265.1101(c), respondents must perform the following activities:

- C Obtain a certification by a qualified registered professional engineer and place this certification in the unit's operating record, as required by §265.1101(c)(2);
- C Upon detecting a condition that has caused a release, the owner/operator must perform the following activities, as required by §265.1101(c)(3)(i):
- Enter a record of discovery of the release into the unit's operating record, as required by §265.1101(c)(3)(i)(A);
 - Establish a schedule for accomplishing cleanup and repairs, as required by §265.1101(c)(3)(i)(C);
 - Notify the Regional Administrator of the condition within 7 days after the discovery of the condition, as required by §265.1101(c)(3)(i)(D);
 - Provide to EPA within 14 days a written notice with a description of the steps taken to repair the containment building, and a schedule for accomplishing the work, as required by §265.1101(c)(3)(i)(D); and
 - Upon completing all repairs and cleanup, notify the Regional Administrator in writing and provide a verification signed by a qualified, registered professional engineer that the repairs and cleanup have been completed according to the written plan submitted in accordance with paragraph (c)(3)(i)(D) of this section, as required by §265.1101(c)(3)(i)(D)(iii);
- C Inspect and record in the unit's operating record, at least once every seven days, data from monitoring and leak detection equipment, the containment building, and the area immediately surrounding the containment building, as required by §265.1101(c)(4).

Operating procedures for areas without secondary containment

Under 40 CFR 265.1101(d)(3), owners/operators of containment buildings that contain areas with and without secondary containment must maintain in the unit's operating log a written description of the operating procedures used to maintain the integrity of areas without secondary containment.

(i) Data item:

- C A written description of the operating procedures used to maintain the integrity of areas without secondary containment.

(ii) Respondent activity:

To comply with §265.1101(d)(3), respondents must perform the following activity:

- C Maintain in the unit's operating log a written description of the operating procedures used to maintain the integrity of areas without secondary containment, as required by §265.1101(d)(3).

Demonstration for exemption from secondary containment requirements

Under 40 CFR 265.1101(e), the owner/operator of a permitted containment building may obtain a waiver from secondary containment from EPA. In order to obtain this waiver, the owner/operator has to demonstrate that the only free liquids in the unit are limited amounts of dust suppression liquids required to meet occupational health and safety requirements, or that containment of managed wastes and liquids can be assured without a secondary containment system.

(i) Data item:

- C A demonstration that the only free liquids in the unit are limited amounts of dust suppression liquids required to meet occupational health and safety requirements and that containment of managed wastes and liquids can be assured without a secondary containment system, if applicable.

(ii) Respondent activity:

To comply with §265.1101(e), respondents must perform the following activity:

- C Demonstrate that only free liquids in the unit are limited amounts of dust suppression liquids and that containment of managed wastes and liquids can be assured without a containment system, if the owner/operator wants EPA to waive secondary containment requirements for a permitted containment building, as provided by §265.1101(e).

Permitted facilities:Regulations

Each owner/operator regulated under 40 CFR Part 264, Subpart DD is expected to read the regulations.

Notification of intent to be bound by §264.1101 regulations at an earlier time

Pursuant to §264.1100, owner/operators of containment buildings who store or treat hazardous waste in a unit designed and operated under §264.1101 will be subject to regulation under the section six months from promulgation, although the owner/operator may notify EPA of his or her intent to be bound by these regulations at an earlier time.

(i) Data item:

C If applicable, notification to EPA to be bound by the regulations earlier than as specified in §264.1100.

(ii) Respondent activity:

To comply with §264.1100, respondents must perform the following activity:

C If applicable, notify EPA of intent to be bound by the regulations earlier than specified in §264.1100, as required by §264.1100.

Demonstration that unit meets the standards of Subpart DD

Under §264.1101(b)(4), for existing units other than 90-day generator units, EPA may delay the secondary containment requirement for up to two years, based on a demonstration by the owner/operator that the unit substantially meets the standards of this Subpart. In making a demonstration, the owner/operator must meet the requirements of §264.1101(b)(4)(i) and (ii).

(i) Data item:

C A demonstration that the unit substantially meets the standards of Subpart DD, if the owner/operator wants the secondary containment requirement to be delayed. The demonstration must include:

- Written notice of the request, describing the unit and its operating practices with specific reference to the performance of existing containment systems and specific plans for retrofitting the unit with secondary containment;
- Response to comments from the Regional Administrator; and
- Fulfillment of the terms of the revised plan, if such plans are approved by EPA.

(ii) Respondent activity:

To comply with §264.1101(b)(4), respondents must perform the following activity:

- C Demonstrate that the unit substantially meets the standards of Subpart DD, if the owner/operator wants the secondary containment requirement to be delayed, as required by or §264.1101(b)(4).

Certification and response procedures

Pursuant to §264.1101(c)(2), owner/operators of all containment units placed into operation prior to the effective date of the rule must obtain and maintain in the operating record (on-site files for generators who are not formally required to have operating records) a certification by a qualified registered professional engineer. The certification must certify that the containment building design meets the requirements of §§264.1101(a) through (c). Throughout the active life of the containment building, if the owner/operator detects a condition that could lead to or has caused a release of hazardous waste, s/he must repair the condition promptly, in accordance with the procedures in §264.1101(c)(3). The owner/operator must also inspect and record in the unit operating record, at least once every seven days, data gathered from monitoring equipment and leak detection equipment as well as the containment building and the area immediately surrounding the containment building to detect signs of releases of hazardous waste, as required by §264.1101(c)(4).

(i) Data items:

- C Certification by a qualified registered professional engineer that the containment building design meets the requirements of §264.1101(a) through (c);
- C Upon the owner/operator's detecting a condition that has caused a release:
 - A record of discovery of the release into the unit operating record;
 - A schedule for accomplishing cleanup and repairs;
 - Notification to the Regional Administrator of the condition within 7 days after the discovery of the condition;
 - A written notice with a description of the steps taken to repair the containment building, and a schedule for accomplishing the work; and
 - Notification to the Regional Administrator in writing and a verification signed by a qualified, registered professional engineer that the repairs and cleanup have been completed according to the written plan submitted in accordance with paragraph (c)(3)(i)(D) of this section; and
- C Data from monitoring and leak detection equipment, the containment building, and the area immediately surrounding the containment building.

(ii) Respondent activities:

To comply with §264.1101(c), respondents must perform the following activities:

- C Obtain a certification by a qualified registered professional engineer and place this certification in the unit's operating record, as required by §264.1101(c)(2);
- C Upon detecting a condition that has caused a release, the owner/operator must perform the following activities, as required by §264.1101(c)(3)(i):
 - Enter a record of discovery of the release into the unit's operating record, as required by §264.1101(c)(3)(i)(A);
 - Establish a schedule for accomplishing cleanup and repairs, as required by §264.1101(c)(3)(i)(C);
 - Notify the Regional Administrator of the condition within 7 days after the discovery of the condition, as required by §264.1101(c)(3)(i)(D);
 - Provide to EPA within 14 days a written notice with a description of the steps taken to repair the containment building, and a schedule for accomplishing the work, as required by §264.1101(c)(3)(i)(D); and
 - Upon completing all repairs and cleanup, notify the Regional Administrator in writing and provide a verification signed by a qualified, registered professional engineer that the repairs and cleanup have been completed according to the written plan submitted in accordance with paragraph (c)(3)(i)(D) of this section, as required by §264.1101(c)(3)(i)(D)(iii); and
- C Inspect and record in the unit's operating record, at least once every seven days, data from monitoring and leak detection equipment, the containment building, and the area immediately surrounding the containment building, as required by §264.1101(c)(4).

Operating procedures for areas without secondary containment

Under 40 CFR 264.1101(d)(3), owners/operators of containment buildings that contain areas with and without secondary containment must maintain in the unit's operating log a written description of the operating procedures used to maintain the integrity of areas without secondary containment.

(i) Data item:

- C A written description of the operating procedures used to maintain the integrity of areas without secondary containment.

(ii) Respondent activity:

To comply with §264.1101(d)(3), respondents must perform the following activities:

- C Maintain in the unit's operating log a written description of the operating procedures used to maintain the integrity of areas without secondary containment, as required by §264.1101(d)(3).

Demonstration for exemption from secondary containment requirements

Under 40 CFR 264.1101(e), the owner/operator of a permitted containment building may obtain a waiver from secondary containment from EPA. In order to obtain this waiver, the owner/operator has to demonstrate that the only free liquids in the unit are limited amounts of dust suppression liquids required to meet occupational health and safety requirements, or that containment of managed wastes and liquids can be assured without a secondary containment system.

(i) Data item:

- C A demonstration that the only free liquids in the unit are limited amounts of dust suppression liquids required to meet occupational health and safety requirements and that containment of managed wastes and liquids can be assured without a secondary containment system, if applicable.

(ii) Respondent activity:

To comply with §264.1101(e), respondents must perform the following activity:

- C Demonstrate that only free liquids in the unit are limited amounts of dust suppression liquids and that containment of managed wastes and liquids can be assured without a containment system, if the owner/operator wants EPA to waive secondary containment requirements for a permitted containment building, as provided by §264.1101(e).

SPECIFIC HAZARDOUS WASTE RECOVERY/RECYCLING FACILITIES

Regulations

Each owner/operator regulated under 40 CFR Part 266 is expected to read the regulations.

Recyclable materials utilized for precious metal recovery

(i) Data items:

40 CFR 266.70(c) requires those who store recycled materials regulated under 40 CFR Part 266, Subpart F to keep records showing that they are not accumulating the materials speculatively (as defined in 261.1(c)). The data items for this recordkeeping requirement are:

- C Information showing the volume of recycled materials regulated under 40 CFR Part 266, Subpart F that are stored at the beginning of the calendar year;
- C The amount of materials regulated under 40 CFR Part 266, Subpart F that are generated or received during the calendar year; and

C The amount of materials regulated under 40 CFR Part 266, Subpart F that are remaining at the end of the calendar year.

(ii) Respondent activities:

Respondents must perform the following activities to comply with this requirement:

C Record the information specified in 40 CFR 266.70(c); and

C File and maintain the information.

5. THE INFORMATION COLLECTED -- AGENCY ACTIVITIES, COLLECTION METHODOLOGY, AND INFORMATION MANAGEMENT

The following subsections discuss how EPA will collect information, what activities EPA will perform once the information has been received, and how EPA will manage the information it collects. The subsections also include a discussion of how information collection requirements affect small entities.

5(a) AGENCY ACTIVITIES

This analysis assumes that there are no Agency activities associated with recordkeeping activities (i.e., filing and maintaining documentation at the unit) because documentation is not formally submitted to EPA. Although EPA will examine unit records during periodic inspections, because these activities are a part of EPA's overall compliance and enforcement program, the cost associated with these activities is not attributable to the Subparts covered in this ICR. In addition, review of items submitted with Part B permit applications are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

TANK SYSTEMS

Interim status facilities:

Agency activities associated with requirements for owners and operators of interim status tank systems include the following:

- C Reviewing equivalent containment device information;
- C Reviewing information submitted for exemption from the 24-hour leak detection requirement;
- C Reviewing information submitted for variance from secondary containment requirements;
- C Reviewing information submitted for exemption from 24-hour waste removal requirement;
- C Reviewing release notifications and reports;
- C Reviewing major repair certifications; and
- C Reviewing decontamination demonstrations.

Permitted facilities:

Agency activities associated with requirements for owners and operators of permitted tank systems include the following:

- C Reviewing information submitted for exemption from 24-hour waste removal requirement;
- C Reviewing release notifications and reports;
- C Reviewing major repair certifications; and
- C Reviewing decontamination demonstrations.

SURFACE IMPOUNDMENTS

Interim status facilities:

Agency activities associated with requirements for owners and operators of interim status surface impoundments include the following:

- C Reviewing assessments of alternate design and operating practices and notifications of intent to receive waste;
- C Reviewing notifications of intent to receive wastes;
- C Reviewing and establishing action leakage rates;
- C Reviewing Response Action Plans;
- C Reviewing written action leakage rate exceedance notifications;
- C Reviewing leakage reports;
- C Entering RAP data into a data base;
- C Reviewing and establishing pump operating levels;
- C Reviewing contingent corrective measures plans;
- C Reviewing hazardous waste removal plans;
- C Reviewing extension requests; and
- C Reviewing corrective action reports.

Permitted facilities:

Agency activities associated with requirements for owners and operators of permitted surface impoundments include the following:

- C Reviewing written action leakage rate exceedance notifications;

- C Reviewing leakage reports;
- C Entering RAP data into a data base;
- C Reviewing notifications of surface impoundment removal from service.
- C Reviewing contingent corrective measures plans;
- C Reviewing hazardous waste removal plans;
- C Reviewing extension requests; and
- C Reviewing corrective action reports.

WASTE PILES

Interim status facilities:

Agency activities associated with requirements for owners and operators of interim status waste piles include the following:

- C Reviewing exemptions from design and operating requirements;
- C Reviewing and establishing action leakage rates;
- C Reviewing Response Action Plans;
- C Reviewing written action leakage rate exceedance notifications;
- C Reviewing leakage reports; and
- C Entering RAP data into a data base.

Permitted facilities:

Agency activities associated with requirements for owners and operators of permitted waste piles include the following:

- C Reviewing written action leakage rate exceedance notifications;
- C Reviewing leakage reports; and
- C Entering RAP data into a data base.

LAND TREATMENT

Interim status facilities:

Agency activities associated with the requirements for interim status land treatment facilities include:

- C Reviewing food-chain crop notifications; and
- C Reviewing certifications of closure.

Permitted facilities:

Agency activities associated with the requirements for permitted land treatment facilities include the following:

- C Reviewing notifications of significant increases of hazardous constituents below the treatment zone;
- C Reviewing notifications of intent to demonstrate that regulated unit is not the source of increase in hazardous constituents below the treatment zone;
- C Reviewing demonstrations that regulated unit is not the source of increase in hazardous constituents below the treatment zone;
- C Reviewing §264.280(d) demonstrations; and
- C Reviewing closure certifications.

LANDFILLS

Interim status facilities:

Agency activities associated with the requirements for interim status land treatment facilities include the following:

- C Reviewing notifications of intent to receive waste;
- C Reviewing demonstrations for exemption from the liner and leachate collection system requirements;
- C Reviewing information for waivers of the double liner requirements;
- C Reviewing and establishing action leakage rates;
- C Reviewing Response Action Plans;

- C Reviewing written action leakage rate exceedance notifications;
- C Reviewing leakage reports;
- C Entering RAP data into a data base;
- C Reviewing and establishing pump operating levels; and
- C Reviewing demonstrations for placing non-hazardous liquid waste in landfills (265.314(e)).

Permitted facilities:

Agency activities associated with the requirements for permitted land treatment facilities include the following:

- C Reviewing written action leakage rate exceedance notifications;
- C Reviewing leakage reports;
- C Entering RAP data into a data base; and
- C Reviewing demonstrations for placing non-hazardous liquid waste in landfills (§264.314(e)).

INCINERATORS

Interim status facilities:

Agency activities associated with the requirements for interim status incinerators consist of reviewing applications for certification to burn hazardous wastes F020, F021, F022, F023, F026 and F027.

Permitted facilities:

Agency activities associated with the requirements for permitted incinerators consist of reviewing notifications of intent to burn hazardous wastes F020, F021, F022, F023, F026 and F027, and reviewing demonstrations for exemption from emergency waste feed cutoff system testing requirements.

THERMAL TREATMENT UNITS

Interim status facilities:

Agency activities associated with 40 CFR Part 265, Subpart P include reviewing applications to burn hazardous wastes F020, F021, F022, F023, F026 and F027.

CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS

Interim status facilities:

There are no Agency activities associated with requirements for owners/operators of units regulated under 40 CFR Part 265, Subpart Q.

DRIP PADS

Generators:

There are no Agency activities associated with requirements for generators whose units are subject to 40 CFR Part 261.

Interim status facilities:

Agency activities associated with 40 CFR Part 265, Subpart W include:

- C Reviewing plans for updating, repairing, and modifying the drip pad; and
- C Reviewing release notifications and reports.

Permitted facilities:

Agency activities associated with 40 CFR Part 264, Subpart W include:

- C Reviewing plans for updating, repairing, and modifying the drip pad; and
- C Reviewing release notifications and reports.

MISCELLANEOUS UNITS

Permitted facilities:

There are no Agency activities associated with requirements for owners/operators of facilities that treat, store, or dispose of hazardous waste in miscellaneous units.

PROCESS VENTS

Interim status facilities:

There are no Agency activities associated with the requirements for interim status facilities with process vents.

Permitted facilities:

Agency activities associated with the requirements for permitted facilities with process vents include reviewing semiannual reports.

EQUIPMENT LEAKS**Interim status facilities:**

Agency activities associated with the requirements for interim status facilities with equipment subject to Subpart BB include:

- C Reviewing notifications to implement the alternate valve standard specified in §265.1061(a);
- C Reviewing notifications to discontinue implementing the alternate valve specified in §265.1061(a); and
- C Reviewing notifications to implement the alternate valve standard specified in §§ 265.1062(b)(2) or (b)(3)).

Permitted facilities:

Agency activities associated with the requirements for permitted facilities with equipment subject to Subpart BB include:

- C Reviewing notifications to implement the alternate valve standard specified in §264.1061(a);
- C Reviewing notifications to discontinue implementing the alternate valve specified in §264.1061(a);
- C Reviewing notifications to implement the alternate valve standard specified in §§ 264.1062(b)(2) or (b)(3)); and
- C Reviewing semiannual reports.

CONTAINMENT BUILDINGS**Interim status facilities:**

Agency activities associated with the requirements for interim status facilities with containment buildings subject to Subpart DD include:

- C Collecting notices of intent to be bound by regulations early;
- C Collecting written notices of requests for delay of secondary containment;

- C Reviewing and commenting on plans to retrofit a unit;
- C Reviewing responses to comments and approving/disapproving a delay;
- C Receiving notifications of release;
- C Reviewing written notices, descriptions, or remedial steps, and schedules for cleanup;
- C Reviewing information and determining if a unit must be removed from service;
- C Notifying owner/operator in writing of determination;
- C Reviewing verification of cleanup; and
- C Reviewing no-free-liquid demonstrations.

Permitted facilities:

Agency activities associated with the requirements for permitted facilities with containment buildings subject to Subpart DD include:

- C Collecting notices of intent to be bound by regulations early;
- C Collecting written notices of requests for delay of secondary containment;
- C Reviewing and commenting on plans to retrofit a unit;
- C Reviewing responses to comments and approving/disapproving a delay;
- C Receiving notifications of release;
- C Reviewing written notices, descriptions, or remedial steps, and schedules for cleanup;
- C Reviewing information and determining if a unit must be removed from service;
- C Notifying owner/operator in writing of determination;
- C Reviewing verification of cleanup; and
- C Reviewing no-free-liquid demonstrations.

SPECIFIC HAZARDOUS WASTE RECOVERY/RECYCLING FACILITIES

There are no Agency activities associated with the requirements of Part 266, Subpart F.

5(b) COLLECTION METHODOLOGY AND MANAGEMENT

In collecting and analyzing the information discussed in this ICR, EPA uses the EPA IBM mainframe computer and Agency-licensed data base software.

5(c) SMALL ENTITY FLEXIBILITY

EPA does not anticipate that many small businesses will be engaging in the types of activities covered in this ICR. However, to the extent that there are small entities with, for example, a regulated hazardous waste tank system, they are subject to the same standards as larger entities. EPA has been directed by Congress to promulgate standards to protect public health and the environment. In cases where small businesses engage in activities that endanger the environment, EPA believes it is abrogating its responsibility to respond to its Congressional mandate by exempting them from regulation.

5(d) COLLECTION SCHEDULE

TANK SYSTEMS

Interim status facilities:

Since records of tank system assessments, statements on design and installation, and records of annual leak tests and inspections are kept at the unit, discussion of a collection schedule is not applicable. The time frame for submitting demonstrations provided under this section is dependent upon the desire of owner/operators to submit such demonstrations. However, the regulations do specify time frames for submissions related to certain situations. Facilities must submit release notification reports within 30 days of detecting a release. In addition, the certification of major repairs (required under §265.196(f)) must be submitted within 7 days of returning the repaired tank system to use.

Permitted facilities:

Since records of leak tests, inspections and statements on design and installation are kept at the unit, discussion of a collection schedule is not applicable. The time frame for submission of demonstrations provided under this section, including the no-free-liquids demonstration and demonstrations for exemption from 24-hour waste removal requirements, are dependent upon the desire of owners and operators to submit such demonstrations. Release notification reports must be submitted within 24 hours of detection, and certification of major repairs must be submitted within 7 days after returning the repaired tank system to use.

SURFACE IMPOUNDMENTS

Interim status facilities:

Notification of intent to receive waste must be submitted 60 days prior to receiving waste. Notification of an exceedance of the action leakage rate must be submitted to EPA within seven days, and a preliminary written assessment identifying the amount of liquids, likely sources, etc., must be submitted within 14 days of the determination of exceedance. Within 30 days after the notification of ALR exceedance, the analysis results must be submitted, along with the results of any actions taken, and

actions planned. Since certification of alternate design features and operating plans, information regarding waste analyses and trial tests, and certifications for ignitable and reactive wastes are kept at the unit, discussion of a collection schedule is not applicable.

Permitted facilities:

Since certifications of structural integrity and liner repair are kept at the unit, discussion of a collection schedule is not applicable. Notification of removal of a surface impoundment from service must be submitted to the Regional Administrator within 7 days after detection of a release. Notification of an exceedance of the action leakage rate must be submitted to EPA within seven days, and a preliminary written assessment identifying the amount of liquids, likely sources, etc., must be submitted within 14 days of the determination of exceedance. Within 30 days after the notification of ALR exceedance, the analysis results must be submitted, along with the results of any actions taken, and actions planned.

WASTE PILES**Interim status facilities:**

Notification of an exceedance of the action leakage rate must be submitted to EPA within seven days, and a preliminary written assessment identifying the amount of liquids, likely sources, etc., must be submitted within 14 days of the determination of exceedance. Within 30 days after the notification of ALR exceedance, the analysis results must be submitted, along with the results of any actions taken, and actions planned. The time frame for submission of the demonstrations included in this section is dependent upon the desire of the owner or operator to submit such demonstrations.

Permitted facilities:

Notification of an exceedance of the action leakage rate must be submitted to EPA within seven days, and a preliminary written assessment identifying the amount of liquids, likely sources, etc., must be submitted within 14 days of the determination of exceedance. Within 30 days after the notification of ALR exceedance, the analysis results must be submitted, along with the results of any actions taken, and actions planned. The time frame for submission of the demonstrations included in this section is dependent upon the desire of the owner or operator to submit such demonstrations.

LAND TREATMENT**Interim status facilities:**

Notification to the Regional Administrator that food crops are being grown, or have been grown and will be grown in the future, at a land treatment unit must be submitted within 60 days after the effective date of these regulations. Since demonstration information under §265.276(b)(1) and unsaturated-zone monitoring plans are kept at the unit, discussion of a collection schedule is not applicable.

Permitted facilities:

Notification of statistically significant contaminant increases must be submitted to the Regional Administrator within 7 days of determination. Notification of intent to make a demonstration under §264.278(h) must be submitted to the Regional Administrator within 7 days of the above determination, and the demonstration must be submitted within 90 days. Certification of closure must be submitted within 60 days of closure in accordance with §265.115. Demonstrations for exemption from §264.280(a)(8) and (c) may be submitted at any time during the closure or post-closure period, depending on the desire of the owner or operator to submit such a demonstration.

LANDFILLS**Interim status facilities:**

Notification of intent to receive waste must be submitted to the Regional Administrator at least 60 days prior to receiving the waste. Notification of an exceedance of the action leakage rate must be submitted to EPA within seven days, and a preliminary written assessment identifying the amount of liquids, likely sources, etc., must be submitted within 14 days of the determination of exceedance. Within 30 days after the notification of ALR exceedance, the analysis results must be submitted, along with the results of any actions taken, and actions planned. The time frame for submission of the demonstrations included in this section is dependent upon the desire of the owner or operator to submit such demonstrations.

Permitted facilities:

Notification of an exceedance of the action leakage rate must be submitted to EPA within seven days, and a preliminary written assessment identifying the amount of liquids, likely sources, etc., must be submitted within 14 days of the determination of exceedance. Within 30 days after the notification of ALR exceedance, the analysis results must be submitted, along with the results of any actions taken, and actions planned. The time frame for submission of the demonstrations included in this section is dependent upon the desire of the owner or operator to submit such demonstrations.

INCINERATORS**Interim status facilities:**

Since records required for exemption from the Subpart O requirements are kept at the unit, discussion of a collection schedule is not applicable. The time frame for submission of applications to burn particular hazardous wastes and notifications of intent to burn F-listed wastes is dependent upon the desire of the owner/operators to engage in such activities.

THERMAL TREATMENT UNITS**Interim status facilities:**

Owner/operators must submit documentation required under 40 CFR Part 265, Subpart P prior to burning EPA Hazardous Wastes F020, F021, F022, F023, F026, or F027. Unless a the Director approves

a later date, trial burn certification must be submitted within 90 days of completion. Data collected during the trial burn must be submitted following completion of the trial burn.

CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS

Interim status facilities:

Since records required under Part 265, Subpart Q are kept at the unit, discussion of a collection schedule is not applicable.

DRIP PADS

Interim status facilities:

Notification of a condition detected that may have caused or has caused a release of hazardous waste must be submitted to the EPA within 10 working days of the discovery.

Permitted facilities:

Notification of a condition detected that may have caused or has caused a release of hazardous waste must be submitted to the EPA within 10 working days of the discovery.

MISCELLANEOUS UNITS

Permitted facilities:

Since records required under Part 264, Subpart X are kept at the unit, discussion of a collection schedule is not applicable.

PROCESS VENTS

Permitted facilities:

Owner/operators submit semiannual reports to EPA on dates specified by the Regional Administrator.

EQUIPMENT LEAKS

Permitted facilities:

Owner/operators submit semiannual reports to EPA on dates specified by the Regional Administrator.

CONTAINMENT BUILDINGS

Interim status facilities:

Owner/operators must submit notification of any condition that has caused a release within 7 days after the discovery of the condition. A description of the steps taken to repair the containment building, and a schedule for accomplishing the work must be submitted to EPA within 14 days after discovery of the condition.

Permitted facilities:

Owner/operators must submit notification of any condition that has caused a release within 7 days after the discovery of the condition. A description of the steps taken to repair the containment building, and a schedule for accomplishing the work must be submitted to EPA within 14 days after discovery of the condition.

SPECIFIC HAZARDOUS WASTE RECOVERY/RECYCLING FACILITIES

Since records required under Part 266, Subpart F are kept at the unit, discussion of a collection schedule is not applicable.

6. ESTIMATING THE BURDEN AND COST OF THE COLLECTION

6(a) ESTIMATING RESPONDENT BURDEN

EPA estimates respondent burden associated with all of the requirements covered in this ICR in Exhibits 1 through 14. The exhibits address the following requirements:

Exhibit 1	--	Tank systems
Exhibit 2	--	Surface impoundments
Exhibit 3	--	Waste piles
Exhibit 4	--	Land treatment
Exhibit 5	--	Landfills
Exhibit 6	--	Incinerators
Exhibit 7	--	Thermal treatment units
Exhibit 8	--	Chemical, physical, and biological treatment units
Exhibit 9	--	Drip pads
Exhibit 10	--	Miscellaneous units
Exhibit 11	--	Process vents
Exhibit 12	--	Equipment leaks
Exhibit 13	--	Containment buildings
Exhibit 14	--	Specific hazardous waste recovery/recycling facilities.

In Exhibits 1 through 14, EPA estimates the number of hours required to conduct each individual information collection activity.³ As shown in Exhibit 15, EPA estimates that the total annual respondent burden for all activities covered in the ICR is 213,987 hours per year.

6(b) ESTIMATING RESPONDENT COSTS

EPA estimates that the total annual respondent cost for all activities covered in this ICR is \$11,934,785. This cost includes annual labor, capital, and operation and maintenance (O&M) costs to be incurred by respondents affected by the information collection requirements covered in this ICR. A brief discussion follows.

Labor Costs

EPA estimates an average hourly respondent labor cost (including overhead) of \$90.00 for legal staff, \$69.30 for managerial staff, \$54.33 for technical staff, and \$24.29 for clerical staff. These wage rates and the burden hours presented in Exhibits 1 through 14 are used to estimate the respondent costs associated with all of the information collection activities covered in this ICR. As shown in Exhibit 15, EPA estimates that the total labor cost for conducting respondent activities covered in the ICR is \$10,998,729 per year.

³ To the greatest extent possible, EPA obtained its burden estimates for activities in this ICR from approved Office of Solid Waste ICRs.

Capital Costs

EPA estimates that only new facilities with specific units covered in this ICR (a total of eight facilities with 24 units) will incur capital costs associated with purchasing file storage systems for maintaining records. EPA realizes that facilities will likely use different and various file storage systems (e.g., file cabinets, CD-ROM, off-site storage) and store their files on different media (e.g., paper, microfiche, electronic files). For purposes of estimating these capital costs across all facilities, EPA has made the conservative assumption that every facility will store its files in paper form in file cabinets.

EPA estimates that each of the eight new facilities will need to purchase one five-drawer lateral file cabinet to maintain their information collections.⁴ The current market price for such a file cabinet is \$549. To annualize this capital cost of \$549, EPA assumed a discount rate of seven percent over 15 years (based on the average life of the file cabinet). As such, the present value factor for this discount rate and period is 9.1079. Thus, EPA estimates the annualized net present value of this capital cost to be \$60 per facility. In Exhibit 15, EPA has included the annualized capital cost for the eight new facilities expected to comply annually with the information collection requirements covered in this ICR (\$482 per year).

Operation and Maintenance Costs

EPA also estimates that facilities will incur operation and maintenance (O&M) costs. O&M costs include postage for submittals of information or notices. EPA estimates that facilities will incur \$3.00 in postage costs for every submittal to EPA, based on the mailing cost of \$3.00 for a two-pound package. O&M costs also include purchased material costs and/or lump-sum purchased service costs (e.g., waste analyses, inspection/certification by an independent registered professional engineer). As shown in Exhibit 15, EPA estimates that the total O&M cost for conducting respondent activities covered in the ICR is \$935,575 per year.

6(c) ESTIMATING AGENCY BURDEN AND COST

EPA estimates annual Agency burden hours and costs associated with all of the requirements covered in this ICR in Exhibit 16. EPA believes that the Headquarters, Regional, and State offices will be involved in these activities. Based on the General Schedule (GS) Salary Table 2000, EPA estimates an average hourly labor cost of \$67.44 for legal staff (GS-15, Step 5), \$42.80 for managerial staff (GS-13, Step 1), \$30.03 for technical staff (GS-11, Step 1), and \$18.26 for clerical staff (GS-6, Step 1). To derive these hourly estimates, EPA multiplied the basic hourly rates by the standard government overhead factor of 1.6.

As shown in Exhibit 17, EPA estimates that the annual Agency burden for all activities covered in this ICR is approximately 10,542 hours, at an annual cost of \$316,587.

⁴ EPA assumes existing permitted and interim status units have already compiled much of the materials required in this ICR; and thus, they have already purchased the file cabinets needed.

6(d) ESTIMATING THE RESPONDENT UNIVERSE AND TOTAL BURDEN AND COST**Respondent Universe**

Table 1 presents the estimated number of existing interim status and permitted units and the number of new units that are expected to comply annually with the information collection requirements covered in this ICR .

Table 1
Interim Status, Permitted, and New Units Subject to the Specific Units
Information Collection Requirements Covered in this ICR^{a,b}

Type of Unit	Interim Status Units ^c	Permitted Units				All Units
		Interim status units entering permitted universe	Existing permitted units	New permitted units ^d	Permitted units subtotal	
Tank systems	129	40	849	8	897	1,026
Surface impoundments	29	9	50	1	60	89
Waste piles	6	2	18	0	20	26
Land treatment	3	1	15	0	16	19
Landfills	3	1	64	1	66	69
Incinerators	28	8	86	1	95	123
Thermal treatment units	3	N/A	N/A	N/A	N/A	3
Chemical, physical, and biological treatment units	25	N/A	N/A	N/A	N/A	25
Miscellaneous units	N/A	N/A	119	1	120	120
Drip pads	1	0	1	0	1	2
Process vents	6	2	104	1	107	113
Equipment leaks	108	33	1,365	11	1,409	1,517
Containment buildings	13	4	17	0	21	34
Specific hazardous waste recovery/recycling facilities	21	N/A	N/A	N/A	N/A	21
Total	375	100	2,688	24	2,812	3,187

^a Specific unit data presented in the table are based on RCRIS data.

^b Estimated number of units presented in this table do not include units in federally owned and operated facilities.

^c Only includes existing interim status units that will remain in interim status universe.

^d During the period covered in this ICR, EPA estimates that there will be eight new facilities per year. New permitted units will be operated by one of these new facilities.

N/A Not applicable.

As shown in the table, EPA estimates that, each year, a total of 3,187 units will be subject to the information collection requirements covered in this ICR. Of these 3,187 units, 375 units are interim status units (i.e., existing interim status units that will remain in the interim status universe) and 2,812 are permitted units (i.e., 100 existing interim status units that will enter the permitted universe, 2,688 existing permitted units, and 24 new permitted units).

Respondent Burden and Costs

Based on the universe data presented in Table 1, EPA estimated respondent burden and costs associated with all the requirements covered in this ICR in Exhibits 1 through 14. A discussion of the burden estimates presented in these exhibits follows.

TANK SYSTEMS

Interim status facilities:

Based on RCRIS data, EPA estimates that 129 interim status tank system units are subject to 40 CFR Part 265, Subpart J.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) No-Free-Liquids Demonstration

Based on previous experience, EPA estimates that five percent of interim status units (approximately six units) will perform the paint filter liquids test an average of 40 times per year, for a total of 240 demonstrations. In addition, EPA estimates O&M costs for supplies.

(3) Assessment of Existing Tank Systems' Integrity

Since tanks without secondary containment have all been closed and EPA estimates that no units will enter the interim status universe, no interim status units will be required to prepare and maintain an assessment of tank systems integrity.

O&M costs cover contractor costs associated with performing the leak test and for obtaining a certification from an independent, qualified, registered, professional engineer.

(4) Design and Installation of New Tank Systems or Components

This ICR assumes that existing interim status units have already prepared a new tank systems assessment and certification. Because EPA estimates that no units will enter the interim status universe during the period covered by this ICR, nobody will submit new tank system assessments and certifications. All interim status units (approximately 129 units) will maintain records of statements written by those who certified design of the tank system and supervised its installation.

O&M costs for this activity include one-time fees associated with an independent, qualified, registered, professional engineer attesting that the system has sufficient structural integrity and is acceptable for storing and treating of hazardous waste.

(5) Containment and Detection Requirements

C Equivalent Containment Device

This ICR assumes that existing interim status units have already submitted information for approval of an equivalent containment device under §265.193(d). Because EPA estimates that no units will enter the interim status universe during the period covered by this ICR, nobody will submit information to obtain an equivalent containment exemption.

O&M costs for this activity include contractor fees associated with determining that the device is equivalent.

C Exemption from 24-hour Leak Detection Requirement

This ICR assumes that existing interim status units with double-walled tanks have already submitted information demonstrating that existing leak detection technology or site conditions will not allow detection of a release within 24 hours. Because EPA estimates that no units will enter the interim status universe during the period covered by this ICR, nobody will submit this information.

O&M costs for this activity include fees associated with contractor services to help prepare information to obtain the exemption.

C Variance from Secondary Containment Requirements

This ICR assumes that existing interim status units have already submitted information for approval of a variance from secondary containment requirements. Because EPA estimates that no units will enter the interim status universe during the period covered by this ICR, nobody will submit information to obtain exemption from secondary containment requirements.

O&M costs for this activity include contractor fees associated with conducting a demonstration to gather information for the variance.

C Annual Leak Test and Inspection

All interim status units subject to Subpart J that have not submitted a no-free-liquids demonstration and do not meet secondary containment requirements are required to conduct a leak test annually. As indicated previously, all interim status tank systems without secondary containment devices have been closed, and EPA estimates that not units will enter the interim status tank system universe. Therefore, no interim status units will conduct leak tests and inspections pursuant to §265.193(i).

O&M costs for this activity include one-time fees associated with contractor services used to conduct the leak test and inspection.

(6) Inspections

EPA estimates that all interim status units (129 units) will record and maintain all inspection data, as required by §265.195.

(7) Responses to leaks or spills, disposition of leaking or unfit-for-use tank systems

C Exemption From the 24-hour Waste Removal Requirement

Based on previous experience, EPA estimates that 25 percent of interim status units subject to Subpart J (approximately 32 units) will detect leakage each year. EPA estimates that 33 percent of the 32 units (approximately 11 units) will submit information to obtain exemption from the 24-hour waste removal requirement.

O&M costs for this activity include contractor fees associated with preparing information to receive the exemption.

C Release Notifications and Reports/Major Repair Certifications

As indicated previously, EPA estimates that, each year, 32 interim status units subject to Subpart J will detect leaks or spills. Therefore, 32 interim status units will have to prepare release notifications and reports. EPA further estimates that leaks or spills from 50 percent of these units will be caused by major system damage. Therefore, approximately 16 interim status units will submit major repair certifications.

O&M costs for this activity include one-time fees associated with the services of a registered, professional engineer to prepare the certification.

(8) Closure and Post-Closure Care

C Decontamination demonstration

EPA does not expect any interim status units subject to Subpart J to close their tank systems during the period covered in this ICR. Therefore, zero units will have to demonstrate that all contaminate soils can be practicably removed or decontaminated as required in §265.197(a).

O&M costs for this activity include one-time fees associated with contractor services for assistance in preparing the demonstration.

(9) Waste Analysis and Trial Tests

Based on previous experience, EPA estimates that one percent of interim status tank system owner/operators will chemically treat hazardous waste that is substantially different from waste previously treated in the tank system. Therefore, approximately one interim status units will be required to maintain information documenting the treatment of similar wastes under similar operating conditions.

O&M costs for this activity include contractor fees associated with conducting the waste analyses.

Permitted facilities:

Based on RCRIS data, EPA estimates that, currently, 849 permitted tank system units are subject to 40 CFR Part 264, Subpart J. EPA further estimates that, each year, 40 interim status units and 8 new units will enter the permitted tank system universe during the period covered in this ICR, for a total of 48 newly permitted units. Therefore, 897 (i.e., $849 + 40 + 8 = 897$) permitted units will have tank systems subject to Subpart J.

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (48 units).

(2) No Free Liquids Demonstration

Based on previous experience, EPA estimates that one percent of permitted units (approximately nine units) will make no free liquids demonstrations an average of 40 times per year for a total of 360 demonstrations. In addition, EPA estimates O&M costs associated with obtaining materials for the test.

(3) Assessment of Existing Tank Systems' Integrity

Since tanks without secondary containment have all been closed and EPA estimates that all units entering the permitted tank system universe will have secondary containment devices, no permitted units will be required to prepare or obtain and maintain assessments of tank system integrity.

(4) Design and Installation of New Tank Systems or Components

As indicated previously, preparation of new tank system assessments and certifications are covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR (EPA ICR Number 1573). However, activities associated with maintaining this documentation (photocopying, filing, and updating) are covered in this ICR. EPA estimates that all permitted units (897 units) will maintain this information in the unit operating record.

(5) Containment and Detection Requirements

C Annual Leak Test and Inspection

All permitted units subject to Subpart J that have not submitted a no-free-liquids demonstration and do not meet secondary containment requirements are required to conduct a leak test annually. As indicated previously, all permitted tank systems without secondary containment devices have been closed and EPA estimates that all units entering the permitted tank system universe will have these devices. Therefore, no permitted status units will conduct leak tests and inspections pursuant to 40 CFR 264.193(i).

O&M costs for this activity include one-time fees associated with contractor services used to conduct the leak test and inspection.

(6) Inspections

EPA estimates that all permitted units (897 units) will record and maintain all inspection data, as required by §264.195.

(7) Responses to Leaks, Spills, Disposition of Leaking or Unfit-For-Use Tank Systems

C Exemption From the 24-hour Waste Removal Requirement

Based on previous experience, EPA estimates that 25 percent of permitted units subject to Subpart J (approximately 224 units) will detect leakage each year. EPA estimates that 33 percent of the 224 units (approximately 74 units) will submit information to obtain exemption from the 24-hour waste removal requirement.

O&M costs for this activity include contractor fees associated with preparing information to receive the exemption.

C Release Notifications and Reports/Major Repair Certifications

As indicated previously, EPA estimates that each year 224 permitted units subject to Subpart J will detect leaks or spills. Therefore, 224 units will have to prepare release notifications and reports. EPA further estimates that leaks or spills from one percent of these units (approximately two units) will be caused by major system damage. Therefore, two permitted units will be required to submit major repair certifications.

O&M costs for this activity include one-time fees associated with the services of a registered, professional engineer to prepare the certification.

(8) Closure and post-Closure Care

C Decontamination demonstration

EPA does not expect any permitted units subject to Subpart J to close their tank systems during the period covered in this ICR. Therefore, zero units will have to demonstrate that all contaminate soils can be practicably removed or decontaminated as required in §264.197(a).

O&M costs for this activity include one-time fees associated with contractor services for assistance in preparing the demonstration.

EXHIBIT 1
TANK SYSTEMS - INTERIM STATUS FACILITIES
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$24.29/hr	Clerical Hours	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Tank Systems - Interim Status										
Read the Regulations										
Read the Regulations	0.00	0.00	12.00	0.00	12.00	\$651.96	\$0.00	0	0.00	\$0.00
No free liquids demonstration (265.190(a))										
Perform Paint Filter Liquids Test (40 times annually)	0.00	0.00	60.00	0.00	60.00	\$3,259.80	\$80.00	6	360.00	\$20,038.80
File test results at facility (40 times annually)	0.00	0.00	0.00	20.00	20.00	\$485.80	\$0.00	6	120.00	\$2,914.80
Assessment of existing tank systems' integrity (265.191)										
Perform the leak test (265.191(b)(i) and (ii))	0.00	0.00	8.00	0.75	10.75	\$591.46	\$1,850.00	0	0.00	\$0.00
Prepare certified assessment	0.00	0.00	1.00	0.50	1.50	\$66.48	\$340.00	0	0.00	\$0.00
File assessment at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Design and installation of new tank systems or components (265.192)										
Prepare, review, and certify written assessment	1.00	3.50	130.00	3.00	137.50	\$7,468.32	\$6,300.00	0	0.00	\$0.00
Obtain written statements from certifier of tank design and supervisor of its installation	0.00	0.00	0.50	0.50	1.00	\$39.31	\$0.00	0	0.00	\$0.00
Maintain the statements at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	129	64.50	\$1,566.71
Equivalent containment devices (265.193(d)(4))										
Gather information that the device is equivalent to a liner, vault, or double-walled tank	1.00	2.50	20.00	2.50	26.00	\$1,410.58	\$10,000.00	0	0.00	\$0.00
Submit information to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Exemption from 24-hour leak detection requirement (265.193(e)(3)(iii))										
Compile evidence that the LDS cannot detect failure or contamination within 24 hours	1.00	1.00	10.00	1.00	13.00	\$726.89	\$5,000.00	0	0.00	\$0.00
Submit evidence to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Variance from secondary containment requirements (265.193(g))										
Prepare and submit notification of intent to conduct demonstration	0.00	0.50	1.50	0.50	2.50	\$128.29	\$3.00	0	0.00	\$0.00
Prepare the demonstration	0.00	1.00	20.00	1.00	22.00	\$1,000.00	\$3,000.00	0	0.00	\$0.00
Submit demonstration to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Annual leak tests and inspections (265.193(i))										
For non-enterable underground tanks conduct leak tests (265.191(b)(5))	0.00	0.00	8.00	0.75	8.75	\$452.86	\$1,850.00	0	0.00	\$0.00
For other tanks/ancillary equipment, conduct annual leak tests/inspections	0.00	0.00	2.00	0.00	2.00	\$103.66	\$1,850.00	0	0.00	\$0.00
Record inspection and test results	0.00	0.00	1.00	0.50	1.50	\$66.48	\$0.00	0	0.00	\$0.00
Maintain record at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Inspections (265.195)										
Record all inspection data	0.00	0.00	72.50	0.00	72.50	\$3,938.93	\$0.00	129	9,382.50	\$508,121.33
Maintain records of analyses	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	129	258.00	\$6,266.82
Exemption from 24-hour waste removal requirement (265.196(b))										
Compile evidence that, within 24 hours, enough waste cannot be removed to prevent further release and allow for inspection and repair	0.00	0.50	4.00	0.50	5.00	\$264.12	\$2,000.00	11	55.00	\$24,905.27
Submit evidence to the Region	0.00	0.00	0.00	0.30	0.30	\$7.29	\$3.00	11	3.30	\$113.16
Release notifications and reports (265.196(d)); major repair certification (265.196(f))										
Notify the Region of release	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	32	24.00	\$1,399.12
Prepare report on the release	0.00	1.00	7.50	1.00	9.50	\$501.07	\$0.00	32	304.00	\$16,034.08
Obtain certification	0.00	0.00	2.00	0.50	2.50	\$120.81	\$340.00	16	40.00	\$7,372.88
Submit certification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	16	8.00	\$242.32
Decontamination demonstration (265.197)										
Prepare decontamination demonstration	0.00	0.50	3.00	0.50	4.00	\$209.79	\$600.00	0	0.00	\$0.00
Submit demonstration to EPA	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Waste analysis and trial tests (265.200)										
Conduct waste analyses and trial tests	0.00	0.00	5.00	0.00	5.00	\$271.65	\$750.00	1	5.00	\$1,021.65
Obtain written, documented information to show that the proposed treatment or storage will meet the requirements of §265.194(a)	0.00	0.00	1.00	0.50	1.50	\$66.48	\$0.00	1	1.50	\$66.48
Maintain information at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	1	0.50	\$12.15
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	10,596.30	\$590,076.54

EXHIBIT 1 (CONTINUED)
 TANK SYSTEMS - PERMITTED
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res- pondents	Total Hours/ Year	Total Cost/ Year
Read the Regulations										
Read the Regulations	0.00	0.00	12.00	0.00	12.00	\$851.96	\$0.00		576.00	\$31,294.08
No free liquids demonstration (264.190(a))										
Perform Paint Filter Liquids Tests (40 times annually)	0.00	0.00	60.00	0.00	60.00	\$3,259.60	\$80.00	9	540.00	\$30,058.20
File test results at facility (40 times annually)	0.00	0.00	0.00	20.00	20.00	\$485.50	\$0.00	9	180.00	\$4,372.20
Assessment of existing tank systems' Integrity (264.191)										
Perform the leak test (265.191(b)(i) and (ii))	0.00	2.00	8.00	0.75	10.75	\$591.46	\$1,850.00	0	0.00	\$0.00
Prepare certified assessment	0.00	0.00	1.00	0.50	1.50	\$66.48	\$340.00	0	0.00	\$0.00
File assessment at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Design and installation of new tank systems or components (264.192)										
Obtain written statements from those who certified the tank system design and supervised its installation	0.00	0.00	0.50	0.50	1.00	\$39.31	\$0.00	0	0.00	\$0.00
Maintain statements at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	897	448.50	\$10,894.07
Annual leak tests and inspections (264.193(i))										
For non-enterable underground tanks, conduct a leak test (264.191(b)(5))	0.00	0.00	8.00	0.75	8.75	\$452.86	\$1,850.00	0	0.00	\$0.00
For all other tanks and ancillary equipment, conduct annual leak tests or develop a schedule for assessing the condition of the tank system	0.00	0.00	2.00	0.00	2.00	\$108.66	\$1,850.00	0	0.00	\$0.00
Record inspections and test results	0.00	0.00	1.00	0.50	1.50	\$66.48	\$0.00	0	0.00	\$0.00
Maintain result records at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Inspections (264.195)										
Record all inspection data	0.00	0.00	72.50	0.00	72.50	\$3,938.93	\$0.00	897	65,032.50	\$3,633,215.73
Maintain records of analyses	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	897	1,794.00	\$43,576.26
Exemption from the 24-hour waste removal requirement (264.196(b))										
Complete evidence that, within 24 hours, enough waste cannot be removed to prevent further release and allow for inspection and repair	0.00	0.50	4.00	0.50	5.00	\$264.12	\$1,850.00	74	370.00	\$156,444.51
Submit evidence to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	74	37.00	\$1,120.73
Release notifications and reports (264.196(d)); major repair certifications (264.196(f))										
Notify the Region of release	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	224	168.00	\$9,793.84
Prepare report on the release	0.00	1.00	7.50	1.00	9.50	\$501.07	\$0.00	224	2,128.00	\$112,238.56
Obtain certification	0.00	0.00	2.00	0.50	2.50	\$120.81	\$340.00	2	5.00	\$921.61
Submit certification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	2	1.00	\$30.29
Decontamination demonstration (264.197)										
Prepare decontamination demonstration	0.00	0.50	3.00	0.50	4.00	\$209.79	\$600.00	0	0.00	\$0.00
Submit demonstration to EPA	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	71,280.00	\$3,933,960.07
GRAND TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	81,876.30	\$4,524,035.61

SURFACE IMPOUNDMENTS

Interim status units:

Based on RCRIS data, EPA estimates that 29 interim status surface impoundment units are subject to 40 CFR Part 265, Subpart K.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Design and Operating Requirements

As mentioned previously, EPA estimates that no units will enter the interim status universe during the period covered in this ICR. In addition, EPA estimates that none of the existing interim status surface impoundments will be replaced or laterally expanded during the period covered by this ICR. Therefore, no units will have to submit and maintain a written assessment of alternate design and operating practices, together with location characteristics, that will prevent the migration of any hazardous constituents into the ground water or surface water as effectively as the requirements. Furthermore, no units will be required to notify EPA or the authorized State prior to receiving waste.

EPA estimates that all interim status units that have submitted exemptions from the requirements of §§ 265.221 and 265.222 (five percent of the existing universe (one unit)) will maintain (i.e., file and photocopy) the written assessment and related data at the unit. Therefore, one unit will have to maintain the certification and written identification at the unit.

This ICR assumes that existing interim status units that have surface impoundments with less than 60 centimeters of freeboard level have already obtained written identification and certification of alternate design features or operating plans that will prevent overtopping. EPA estimates that all interim status units that have obtained written identification and certification of alternate design features or operating plans that will prevent overtopping (five percent of the existing universe (one unit)) will maintain (i.e., file and photocopy) the written assessment and related data at the unit.

O&M costs for this activity include contractor fees associated with services of a registered engineer in preparing the certification.

(3) Developing and Submitting Action Leakage Rates

Because EPA estimates that no units will enter the interim status universe, zero units will submit action leakage rate (ALR) proposals to EPA in accordance with §265.222(a). All existing interim status units (29 units) will maintain the results of the action leakage rate analysis at the facility.

O&M costs for this activity include contractor fees associated with preparing the action leak rates.

(4) Calculating Average Daily Flow Rates

Because EPA estimates that no units will enter the interim status universe, zero units will calculate average daily flow rates as specified under §265.222(c).

O&M costs for this activity include contractor fees associated with calculating average daily flow rates.

(5) Response Action Plan and Recordkeeping of Response Actions

Because EPA estimates that no units will enter the interim status universe, zero units will complete and submit a Response Action Plan (RAP) to EPA. Additionally, all 29 interim status units will maintain records of the analyses conducted for the RAP, in accordance with §265.223(a).

(6) Action Leakage Reporting

EPA estimates that one percent of all interim status units (approximately zero units) will have to comply with action leakage reporting requirements, as required under §265.223(b).

O&M costs for this activity include contractor fees associated with determining the location, size, and cause of leaks.

(7) Remediation Determination Analyses

EPA estimates that one percent of all interim status units (approximately zero units) will conduct remediation determination analyses in response to flow rates at the unit exceeding the action leakage rate, as specified under §265.223(c).

O&M costs for this activity include contractor fees associated with conducting the remediation determination analysis.

(8) Waste Analysis and Trial Tests

Based on previous experience, EPA estimates that one percent of interim status surface impoundment owner/operators will chemically treat hazardous waste that is substantially different from waste previously treated in the impoundment, or chemically treat hazardous waste with a substantially different process than any previously used in the impoundment. Therefore, approximately zero interim status units will be required to maintain information documenting the treatment of similar wastes under similar operating conditions.

O&M costs for this activity include contractor fees associated with conducting the waste analyses.

(9) Monitoring and Inspections

EPA estimates that all interim status units (approximately 29 units) will record the monitoring and inspection activities as required by §265.226(b)(1).

(10) Developing and Submitting Pump Operating Levels

Because EPA estimates that no units will enter the interim status universe, zero units will develop and submit pump operating level proposals. In addition, EPA estimates that all 29 interim status units will maintain the results of the associated analyses at the unit (§265.226(b)(3)).

(11) Requirements for Ignitable or Reactive Wastes

Based on previous experience, EPA estimates that no interim status surface impoundment owner/operators will place ignitable or reactive wastes in their surface impoundments. Therefore, no units will be required to obtain certification under §265.229(b) that design features and unit operating plans will prevent ignition or reaction.

O&M costs for this activity include one-time fees associated with the services of a qualified chemist or engineer in preparing the certification.

(12) Closure

EPA does not expect any interim status surface impoundments to submit this information. O&M costs include contractor fees associated with preparing the contingent measures plan.

Permitted units:

Based on RCRIS data, EPA estimates that, currently, 50 permitted surface impoundment units are subject to 40 CFR Part 264, Subpart K. EPA further estimates that nine units of the interim status universe and one new unit will enter the permitted surface impoundment universe annually during the period covered by this ICR, for a total of ten newly permitted surface impoundment units. Therefore, the total universe of permitted units with surface impoundments subject to Subpart K is 60 (i.e., $50 + 9 + 1 = 60$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (10 units).

(2) Calculating Average Daily Flow Rates

EPA estimates that all new permitted units from the interim status universe will have already calculated average daily flow rates as specified under §264.222(c) while operating under interim status requirements. However, the owner or operator of the new permitted unit will calculate the average daily flow rate. Thus, one unit will calculate the average leakage flow rates.

O&M costs for this activity include contractor fees associated with calculating average leakage flow rates.

(3) Action Leakage Reporting

EPA estimates that one percent of all permitted units (approximately one unit) will undertake action leakage reporting procedures and submit action leakage reports in response to an exceedance of action leakage levels, as required under §264.223(b).

O&M costs for this activity include one-time contractor fees associated with determining the location, size and cause of any leak.

(4) Remediation Determination Analyses

EPA estimates that one percent of all permitted units (approximately one unit) will conduct remediation determination analyses in response to flow rates at the unit exceeding the action leakage rate, as specified under §264.223(c).

O&M costs for this activity include one-time contractor fees associated with conducting the remediation determination analysis.

(5) Dike Re-certification

EPA estimates that 10 percent of the existing permitted surface impoundment respondent universe will have surface impoundments that are out of use for six months or more. Therefore, approximately five units will be required to obtain certification that the impoundments dike, including any portion of the dike that provides freeboard, has structural integrity according to the standards detailed in §264.226(c)(1) and (2).

O&M costs for this activity include one-time fees associated with obtaining a certification from a qualified engineer that the impoundments' dike has structural integrity.

(6) Monitoring and Inspections

EPA estimates that all permitted units (60 units) will record the monitoring and inspection activities as required by §264.226(d)(1).

(7) Emergency Repairs and Contingency Plans

EPA estimates that one percent of permitted units (approximately one unit) will be required to remove a surface impoundment from service due to sudden drops in liquid levels or a leaking dike. Therefore, one unit will be required to submit a written notification to the Regional Administrator of the removal. EPA estimates that all surface impoundments removed from service will be repaired. Therefore, one unit will be required to obtain certification that the repaired liner system meets design specifications approved in the permit.

O&M costs for this activity include one-time fees associated with obtaining a certification from a qualified engineer that the repaired liner system meets design specifications.

EXHIBIT 2
SURFACE IMPOUNDMENTS - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Read the Regulations	0.00	0.00	5.00	0.00	5.00	\$271.65	\$0.00	0	0.00	\$0.00
Design and operating requirements (265.221) and (265.222)										
Prepare and submit written assessment of alternative design and operating practices to EPA or authorized State	1.00	1.00	2.00	1.00	5.00	\$292.25	\$5,000.00	0	0.00	\$0.00
File and maintain assessment and related data at facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	1	0.50	\$12.15
Prepare and submit the notification of intent	0.00	1.00	0.00	0.25	1.25	\$75.37	\$3.00	0	0.00	\$0.00
Prepare written identification of alternate design features or operating plans to prevent overtopping of a dike	0.00	0.00	3.00	0.50	3.50	\$175.14	\$0.00	0	0.00	\$0.00
Obtain certification that alternate design/operating plans prevent overtopping	0.00	0.00	1.00	0.50	1.50	\$66.48	\$340.00	0	0.00	\$0.00
Maintain certification and written identification at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	1	0.50	\$12.15
Develop and Submit Action Leakage Rates (265.222(a))										
Develop and submit to EPA	0.00	1.00	2.50	1.00	4.50	\$229.42	\$3,750.00	0	0.00	\$0.00
Maintain results of analyses	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	29	14.50	\$352.21
Calculate Average Daily Flow Rates (265.222(c))										
Calculate flow rates	0.00	0.50	5.00	0.50	6.00	\$318.45	\$1,250.00	0	0.00	\$0.00
Reporting and Recordkeeping of Response Action Plans (265.223(a))										
Complete the RAP	0.00	1.00	6.00	1.00	8.00	\$419.57	\$5,000.00	0	0.00	\$0.00
Submit the RAP to EPA	0.00	0.00	0.00	0.20	0.20	\$4.86	\$3.00	0	0.00	\$0.00
Maintain records of analyses	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	29	14.50	\$352.21
Action Leakage Reporting (265.223(b))										
Notify EPA, in writing, of the exceedance within 7 days	0.00	0.50	0.00	0.00	0.50	\$34.65	\$3.00	0	0.00	\$0.00
Submit a written assessment to the Regional Administrator within 14 days of the determination	0.00	0.50	3.00	1.00	4.50	\$221.93	\$3.00	0	0.00	\$0.00
Determine the location, size, and cause of any leak	0.00	0.00	20.00	0.00	20.00	\$1,086.60	\$5,000.00	0	0.00	\$0.00
Determine whether the unit should stop or curtail waste receipt	0.00	3.00	15.00	1.00	19.00	\$1,047.14	\$0.00	0	0.00	\$0.00
Determine whether waste should be removed from the unit or the unit should be closed down	0.00	2.00	17.50	2.00	21.50	\$1,137.96	\$0.00	0	0.00	\$0.00
Determine short-term and long-term actions necessary to mitigate the leak	0.00	4.00	30.00	2.00	36.00	\$1,955.68	\$0.00	0	0.00	\$0.00
Complete and submit information to EPA	0.00	0.00	6.00	6.00	12.00	\$471.72	\$18.00	0	0.00	\$0.00
Remediation Determination Analyses (265.223(c))										
Conduct remediation determination analyses	0.00	4.00	12.00	0.00	16.00	\$929.16	\$800.00	0	0.00	\$0.00
Waste analysis and trial tests (265.225)										
Conduct waste analyses	0.00	0.00	5.00	0.00	5.00	\$271.65	\$750.00	0	0.00	\$0.00
Obtain written, documented information to show that the treatment will comply with §265.17(b)	0.00	0.00	1.00	0.50	1.50	\$66.48	\$0.00	0	0.00	\$0.00
Maintain information at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Monitoring and Inspections (265.226(b)(1))										
Record all inspection data	0.00	0.00	72.50	0.00	72.50	\$3,939.93	\$0.00	29	2,102.50	\$114,228.83
Maintain records of analyses	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	29	58.00	\$1,408.82
Develop and Submit Pump Operating Level (265.226(b)(3))										
Develop and submit to EPA	0.00	0.00	3.75	0.00	3.75	\$203.74	\$3.00	0	0.00	\$0.00
Maintain results of analyses	0.00	0.00	0.00	0.25	0.25	\$6.07	\$0.00	29	7.25	\$176.10
Requirements for Ignitable or reactive waste (265.229)										
Obtain the certification (265.229)	0.00	0.00	2.50	1.00	3.50	\$160.12	\$340.00	0	0.00	\$0.00
Maintain the certification and related data at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Closure (265.113(e))										
Prepare and submit contingent corrective measures plan	0.00	0.00	8.00	0.50	8.50	\$446.79	\$5,000.00	0	0.00	\$0.00
Prepare and submit hazardous waste removal plan	0.00	0.00	1.00	0.25	1.25	\$60.40	\$3.00	0	0.00	\$0.00
Prepare and submit extension request	0.00	0.00	1.00	0.25	1.25	\$60.40	\$3.00	0	0.00	\$0.00
Prepare and submit corrective action report (2 times annually)	0.00	0.00	2.00	0.25	2.25	\$114.73	\$18.00	0	0.00	\$0.00
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	2,197.75	\$116,542.45

EXHIBIT 2 (CONTINUED)
 SURFACE IMPOUNDMENTS - PERMITTED
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION
 ACTIVITY

Surface Impoundments - Permitted	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$64.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labo Cost/ Year	O&M Cost	Number of Res-pondents	Total Hours/Year	Total Cost/Year
Read the Regulations										
Read the regulations	0.00	0.00	5.00	0.00	5.00	\$271.65	\$0.00	10	50.00	\$2,716.50
Calculate Average Daily Flow Rates (264.222(c))										
Calculate flow rates	0.00	0.50	4.80	0.50	5.80	\$30,598	\$1,250.00	1	5.80	\$1,557.88
Action Leakage Reporting (264.223(b))										
Notify EPA, in writing, of the exceedance within 7 days	0.00	0.50	0.00	0.00	0.50	\$34.65	\$3.00	1	0.50	\$37.65
Submit a written assessment to the Regional Administrator within 14 days of the determination	0.00	0.50	3.00	1.00	4.50	\$221.93	\$3.00	1	4.50	\$224.93
Determine the location, size, and cause of any leak	0.00	0.00	20.00	0.00	20.00	\$1,086.60	\$5,000.00	1	20.00	\$6,086.60
Determine whether the unit should stop or curtail waste receipt	0.00	3.00	15.00	1.00	19.00	\$1,047.14	\$0.00	1	19.00	\$1,047.14
Determine whether waste should be removed from the unit or the unit should be closed down	0.00	2.00	17.50	2.00	21.50	\$1,137.96	\$0.00	1	21.50	\$1,137.96
Determine short-term and long-term actions necessary to mitigate the leak each month the ALR is exceeded (average of 6 times per year)	0.00	5.90	29.50	1.90	37.30	\$2,057.76	\$0.00	1	37.30	\$2,057.76
Complete and submit information to EPA	0.00	0.00	6.00	6.00	12.00	\$471.72	\$18.00	1	12.00	\$489.72
Remediation Determination Analyses (264.223(c))										
Conduct remediation determination analyses	0.00	4.00	12.00	0.00	16.00	\$929.16	\$800.00	1	16.00	\$1,729.16
Dike re-certification (264.226(c))										
Obtain certification that the impoundment's dike has structural integrity	0.00	0.00	3.00	0.50	3.50	\$175.14	\$340.00	5	17.50	\$2,575.68
Maintain certification and related data at the facility	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	5	2.50	\$60.73
Monitoring and Inspections (264.226(d)(1))										
Record all inspection data	0.00	0.00	72.50	0.00	72.50	\$3,938.93	\$0.00	60	4,350.00	\$236,335.50
Maintain records of analyses	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	60	120.00	\$2,914.80
Emergency repairs and contingency plans (264.227)										
Notify the Region in writing	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	1	0.75	\$43.72
Maintain related data	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	1	0.50	\$12.15
Obtain certification	0.00	0.00	2.00	0.50	2.50	\$120.81	\$340.00	1	2.50	\$460.81
Maintain certification on file	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	1	0.50	\$12.15
Closure (264.113(e))										
Prepare and submit contingent corrective measures plan	0.00	0.00	8.00	0.50	8.50	\$446.79	\$5,000.00	0	0.00	\$0.00
Prepare and submit hazardous waste removal plan	0.00	0.00	1.00	0.25	1.25	\$60.40	\$3.00	0	0.00	\$0.00
Prepare and submit extension request	0.00	0.00	1.00	0.25	1.25	\$60.40	\$3.00	0	0.00	\$0.00
Prepare and submit corrective action report (2 times annually)	0.00	0.00	2.00	0.25	2.25	\$114.73	\$18.00	0	0.00	\$0.00
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	4,680.85	\$289,500.51
GRAND TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	6,876.60	\$376,042.96

(8) Closure

EPA estimates that all permitted units will have already prepared and submitted the plans, reports, and requests for closure activities, as specified in §264.113(e). Therefore, no units are expected to be burdened by closure requirements.

O&M costs associated with this activity are associated with contractor fees to prepare the contingent corrective action measures plan.

WASTE PILES**Interim status units:**

Based on RCRIS data, EPA estimates that six interim status waste pile units are subject to 40 CFR Part 265, Subpart L.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Waste Analysis

Based on previous experience, EPA estimates that one percent of interim status waste pile owner/operators will treat hazardous waste that is substantially different from waste previously treated in the waste pile. Therefore, approximately zero interim status units will be required to maintain information documenting the treatment of similar wastes under similar operating conditions.

O&M costs for this activity include contractor fees associated with conducting the waste analyses.

(3) Exemption from Design and Operating Requirements

This ICR assumes that existing interim status units choosing to obtain exemption from design and operating requirements have already demonstrated to the Regional Administrator that alternate design and operating practices, together with location characteristics, will prevent hazardous constituents from migrating into the ground or surface water at any future time. Because no units are expected to enter the interim status universe, EPA estimates that no units will submit this information during the period covered in this ICR.

O&M costs for this activity include one-time contractor fees associated with preparing an exemption that meets the requirements of Section 264.25(d).

(4) Variance from Design and Operating Requirements

EPA does not expect any interim status units to gather and submit the information required to demonstrate eligibility for a variance from liner/leachate system requirements (§265.254).

O&M costs for this activity include one-time contractor fees associated with gathering the information necessary for the variance.

(5) Developing and Submitting Action Leakage Rates

EPA estimates that only new interim status units will submit action leakage rate (ALR) proposals to EPA in accordance with §265.255(a) and maintain the results of the action leakage rate analysis at the unit. Since no units are expected to enter the waste pile universe, EPA estimates that no units will submit this information during the period covered in this ICR. However, EPA estimates that the six interim status units subject to Subpart L will maintain results of the ALR analysis.

O&M costs for this activity include one-time contractor fees associated with developing the ALR.

(6) Calculating Average Daily Flow Rates

EPA estimates that only new interim status units will calculate average daily flow rates as specified under §265.255(c). Since no units are expected to enter the interim status universe, EPA estimates that no units will submit this information during the period covered in this ICR.

O&M costs for this activity include one-time contractor fees associated with calculating the average leakage rates.

(7) Response Action Plan and Recordkeeping of Response Actions

EPA estimates that only new interim status units will complete and submit a Response Action Plan (RAP) to EPA, as well as maintain records of the analyses conducted for the RAP, in accordance with §265.259(a). Since no units are expected to enter the interim status universe, EPA estimates that no units will submit this information during the period covered in this ICR. However, EPA estimates that the six units subject to Subpart L will maintain records of the RAP at their facility.

(8) Action Leakage Reporting

EPA estimates that each year, one percent of all interim status units (approximately zero units) will undertake action leakage reporting procedures and submit action leakage reports in response to an exceedance of action leakage levels, as required under §265.259(b).

O&M costs for this activity include one-time contractor fees associated with determining the size, location, and cause of a leak.

(9) Remediation Determination Analyses

EPA estimates that one percent of all interim status units (approximately zero units) will conduct remediation determination analyses in response to flow rates at the unit exceeding the action leakage rate, as specified under §265.259(c).

O&M costs for this activity include one-time contractor fees associated with the remediation determination analysis.

(10) Monitoring and Inspections

EPA estimates that all interim status units (six units) will record the monitoring and inspection activities as required by §265.260.

Permitted units:

Based on RCRIS data, EPA estimates that, currently, 18 permitted waste pile units are subject to 40 CFR Part 264, Subpart L. EPA further estimates that two interim status units will enter the permitted waste pile universe annually during the period covered by this ICR. Therefore, the total universe of permitted units with waste piles subject to Subpart L is 20 (i.e., $18 + 2 = 20$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (two units).

(2) Calculating Average Daily Flow Rates

EPA estimates that all newly permitted units from interim status have already calculated their average leakage flow rates while operating under interim status. However, new surface impoundment units (two units) will perform this activity.

O&M costs for this activity include one-time contractor fees associated with calculating the average leakage flow rates.

(3) Action Leakage Reporting

EPA estimates that one percent of all permitted units (approximately zero units) will undertake action leakage reporting procedures and submit action leakage reports in response to an exceedance of action leakage levels, as required under §264.253(b).

O&M costs for this activity include one-time contractor fees associated with determining the location, size and cause of the leak.

(4) Remediation Determination Analyses

EPA estimates that one percent of all permitted units (approximately zero units) will conduct remediation determination analyses in response to flow rates at the unit exceeding the action leakage rate, as specified under §264.253(c).

O&M costs for this activity include one-time contractor fees associated with conducting the remediation determination analysis.

EXHIBIT 3
WASTE PILES - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res-pondents	Total Hours/ Year	Total Cost/ Year
Waste Piles - Interim Status										
Read the Regulations	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	0	0.00	\$0.00
Waste analysis (265.252)	0.00	0.00	5.00	0.00	5.00	\$271.65	\$750.00	0	0.00	\$0.00
Conduct waste analyses	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
File and store waste analysis data										
Exemption from design and operating requirements (265.254)										
Gather the information necessary for exemption from liner/leachate system requirements	0.00	0.50	8.00	1.00	9.50	\$493.58	\$25,000.00	0	0.00	\$0.00
Submit demonstration to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Variance from design and operating requirements (265.254)										
Gather the information necessary for variance from liner/leachate system requirements	0.00	0.50	8.00	1.00	9.50	\$493.58	\$25,000.00	0	0.00	\$0.00
Submit demonstration to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Develop and Submit Action Leakage Rates (265.255(a))										
Develop and submit to EPA	0.00	1.00	2.50	1.00	4.50	\$229.42	\$3,750.00	0	0.00	\$0.00
Maintain results of analyses	0.00	0.00	0.00	1.00	1.00	\$24.29	\$0.00	6	6.00	\$145.74
Calculate Average Daily Flow Rates (265.255(c))										
Calculate average daily flow rates	0.00	0.50	5.00	0.50	6.00	\$318.45	\$1,250.00	0	0.00	\$0.00
Reporting and Recordkeeping of Response Action Plans (265.259(a))										
Complete the RAP	0.00	1.00	6.00	1.00	8.00	\$419.57	\$5,000.00	0	0.00	\$0.00
Submit the RAP to EPA	0.00	0.00	0.00	0.20	0.20	\$4.86	\$3.00	0	0.00	\$0.00
Maintain records of analyses	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	6	3.00	\$72.87
Action Leakage Reporting (265.259(b))										
Notify EPA, in writing, of the exceedance within 7 days	0.00	0.50	0.00	0.00	0.50	\$34.65	\$3.00	0	0.00	\$0.00
Submit a written assessment to the Regional Administrator within 14 days of the determination	0.00	0.50	3.00	1.00	4.50	\$221.93	\$3.00	0	0.00	\$0.00
Determine the location, size, and cause of any leak	0.00	0.00	20.00	0.00	20.00	\$1,086.60	\$5,000.00	0	0.00	\$0.00
Determine whether the unit should stop or curtail waste receipt	0.00	3.00	15.00	1.00	19.00	\$1,047.14	\$0.00	0	0.00	\$0.00
Determine whether waste should be removed from the unit or the unit should be closed down	0.00	2.00	17.50	2.00	21.50	\$1,137.96	\$0.00	0	0.00	\$0.00
Determine short-term and long-term actions necessary to mitigate the leak	0.00	4.00	30.00	2.00	36.00	\$1,955.68	\$0.00	0	0.00	\$0.00
Compile and submit information to EPA each month the ALR is exceeded	0.00	0.00	6.00	0.00	6.00	\$323.98	\$18.00	0	0.00	\$0.00
Remediation Determination Analyses (265.259(c))										
Conduct remediation determination analyses	0.00	4.00	12.00	0.00	16.00	\$929.16	\$800.00	0	0.00	\$0.00
Monitoring and Inspections (265.260)										
Record all inspection data	0.00	0.00	13.00	4.00	17.00	\$603.45	\$0.00	6	102.00	\$4,820.70
Maintain records of analyses	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	6	12.00	\$291.48
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	123.00	\$5,330.79

EXHIBIT 3 (CONTINUED)
WASTE PILES - PERMITTED
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res- pondents	Total Hours/ Year	Total Cost/ Year
Waste Piles - Permitted										
Read the Regulations										
Read the Regulations	0.00	0.00	0.25	0.00	0.25	\$13.58	\$0.00	2	0.50	\$27.17
Calculate Average Daily Flow Rates (264.252(c))										
Calculate average daily flow rates	0.00	0.50	5.00	0.50	6.00	\$318.45	\$1,250.00	2	12.00	\$3,136.89
Action Leakage Reporting (264.252(b))										
Notify EPA, in writing, of the exceedance within 7 days	0.00	0.50	0.00	0.00	0.50	\$34.65	\$3.00	0	0.00	\$0.00
Submit a written assessment to the Regional Administrator within 14 days of the determination	0.00	0.50	3.00	1.00	4.50	\$221.93	\$3.00	0	0.00	\$0.00
Determine the location, size, and cause of any leak	0.00	0.00	20.00	0.00	20.00	\$1,086.60	\$5,000.00	0	0.00	\$0.00
Determine whether the unit should stop or curtail waste receipt	0.00	3.00	15.00	1.00	19.00	\$1,047.14	\$0.00	0	0.00	\$0.00
Determine whether waste should be removed from the unit or the unit should be closed down	0.00	2.00	17.50	2.00	21.50	\$1,137.96	\$0.00	0	0.00	\$0.00
Determine short-term and long-term actions necessary to mitigate the leak	0.00	4.00	30.00	2.00	36.00	\$1,955.68	\$0.00	0	0.00	\$0.00
Compile and submit information to EPA each month the ALR is exceeded	0.00	0.00	6.00	6.00	12.00	\$471.72	\$18.00	0	0.00	\$0.00
Remediation Determination Analyses (264.253(c))										
Conduct remediation determination analyses	0.00	4.00	12.00	0.00	16.00	\$929.16	\$800.00	0	0.00	\$0.00
Monitoring and Inspections (264.254(c))										
Record all inspection data	0.00	0.00	13.00	4.00	17.00	\$803.45	\$0.00	20	340.00	\$16,069.00
Maintain records of analyses	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	20	40.00	\$871.60
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	392.50	\$20,204.66
GRAND TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	515.50	\$25,535.45

(5) Monitoring and Inspections

EPA estimates that all permitted units (20 units) will record the monitoring and inspection activities as required by §264.254(c).

LAND TREATMENT

Interim status units:

Based on RCRIS data, EPA estimates that three interim status land treatment units are subject to 40 CFR Part 265, Subpart M.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Waste Analysis

Based on previous experience, EPA estimates that one percent of interim status land treatment owner/operators will treat hazardous waste that is substantially different from waste previously treated in the land treatment unit. Therefore, approximately zero interim status units will be required to maintain information documenting the treatment of similar wastes under similar operating conditions.

O&M costs for this activity include contractor fees associated with conducting the waste analyses.

(3) Food Chain Crops

This ICR assumes that existing interim status units have already notified the Regional Administrator that they are or have been growing crops on their unit. Since EPA estimates that no units will be entering the interim status universe during the period covered by this ICR, no units will be required to prepare this notification. EPA further estimates that no existing units that do not currently grow food-chain crops will decide to grow food-chain crops during the period covered by this ICR. As a result, no units will be required to develop and maintain an operating plan.

Based on previous experience, EPA estimates that 50 percent of the interim status universe is growing or has grown food-chain crops on their unit. Therefore, approximately two units will be required to maintain (i.e., file and photocopy) records of information collected for the food-chain crop demonstration at their unit.

O&M costs for this activity include one-time contractor fees associated with conducting field tests that demonstrate that arsenic, lead, mercury, or other constituents will not be transferred or occur in greater concentration in crops grown in untreated soil.

(4) Unsaturated-zone Monitoring

This ICR assumes that existing interim status units have already established an unsaturated-zone monitoring program. Since no interim status units will be entering the land treatment universe during the period covered in this ICR, no units will be required to develop an unsaturated-zone monitoring program during the period covered by this ICR.

Based on previous experience, EPA estimates that 25 percent of the interim status land treatment universe are subject to the unsaturated-zone monitoring requirements of 40 CFR 265.278. Therefore, approximately one unit will be required to maintain (i.e., file and photocopy) a record of their unsaturated-zone monitoring plan and rationale used in developing this plan at the unit.

O&M costs for this activity include one-time fees associated with contractor services to help develop the unsaturated-zone monitoring plan.

(5) Closure and Post-closure

EPA estimates that no interim status land treatment units will close during the period covered by this ICR. Therefore, no interim status units will be required to submit a certification of closure.

O&M costs for this activity include one-time fees associated with obtaining a certification by a qualified soil scientist, in lieu of an independent, registered engineer, that the unit has been closed in accordance with the approved closure plan.

Permitted units:

Based on RCRIS data, EPA estimates that, currently, 15 permitted land treatment units are subject to 40 CFR Part 264, Subpart M. EPA further estimates that one interim status unit will enter the permitted land treatment universe during the period covered by this ICR. Therefore, the total universe of permitted units with land treatment units subject to Subpart M is 16 (i.e., $15 + 1 = 16$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (one unit).

(2) Food Chain Crops

This ICR assumes that existing permitted units have already notified the Regional Administrator that they are or have been growing crops on their unit. EPA further estimates that no existing units or units entering the permitted land treatment universe that do not currently grow food-chain crops will decide to grow food-chain crops during the period covered by this ICR. Therefore, no permitted units will be required to prepare and maintain an operating plan.

Based on previous experience, EPA estimates that 25 percent of the existing permitted universe is growing or has grown food-chain crops on their unit. Therefore, four units will be required to maintain (i.e., file and photocopy) records of information collected for the food-chain crop demonstration at their unit.

(3) Unsaturated-zone Monitoring

This ICR assumes that existing permitted units have already established an unsaturated-zone monitoring program. Therefore, no permitted units will be required to develop an unsaturated-zone monitoring plan during the period covered in this ICR.

Based on previous experience, EPA estimates that 25 percent of the permitted land treatment universe (approximately four units) is subject to the unsaturated-zone monitoring requirements of 40 CFR 264.278. Of these four units, EPA estimates that 30 percent (approximately one unit) will be required to notify EPA of a statistically significant increase of hazardous constituents below the treatment zone. Based on previous experience, EPA estimates that this unit will choose to submit a report to EPA demonstrating that regulated unit is not the source of the increase. However, demonstrations from 20 percent of the units submitting a report (approximately zero units) will not show that a source other than the regulated unit or some error in sampling, analysis, or evaluation caused the increase in hazardous constituents. Therefore, zero units will be required to submit a permit modification request. The burden associated with permit modification requests is covered in the "Part B Permit Application, Permit Modification, and Special Permits ICR" (EPA ICR Number 1573).

O&M costs include maintenance of the soil and soil-pore liquid monitoring system and contractor services for helping conduct the demonstration that a source other than a regulated unit caused an error in sampling.

(4) Closure and Post-closure

EPA does not expect any permitted land treatment unit to close during the period covered by this ICR. Therefore, none of the permitted units will be required to submit a certification of closure. EPA further estimates that none of the units will submit a demonstration under §264.280(d).

O&M costs for with this activity include fees associated with obtaining the certification from an independent, qualified soil scientist, in lieu of a registered engineer, that closure occurred according to the specifications of the closure plan and for assistance in submitting a demonstration that the level of hazardous constituents in the treatment zone soil does not exceed the background value of those constituents by a statistically significant amount.

EXHIBIT 4
LAND TREATMENT - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Land Treatment - Interim Status										
Read the regulations	0.00	0.00	6.00	0.00	6.00	\$325.98	\$0.00	0	0.00	\$0.00
Waste analysis (265.273(a), (b), and (c))	0.00	0.00	8.00	0.00	8.00	\$434.64	\$0.00	0	0.00	\$0.00
Conduct waste analysis	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
File and store waste analysis data	0.00	0.00	1.50	0.50	2.00	\$93.64	\$0.00	0	0.00	\$0.00
Obtain and maintain demonstration that arsenic, cadmium, lead, and mercury are not present in the waste	0.00	0.00	0.00	0.25	0.25	\$40.72	\$3.00	0	0.00	\$0.00
Food chain crops (265.276)	0.00	8.00	50.00	8.00	66.00	\$3,465.22	\$24,000.00	0	0.00	\$0.00
Prepare and submit notification (265.276(a))	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	2	1.00	\$24.29
Complete information necessary to make a demonstration	0.00	0.00	1.00	0.25	1.25	\$60.40	\$0.00	0	0.00	\$0.00
Maintain a record of information collected for the demonstration	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Develop and maintain an operating plan (265.276(c)(2)(iii))	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Unsaturated zone monitoring (265.278)	0.00	2.50	20.00	2.50	25.00	\$1,320.58	\$9,000.00	0	0.00	\$0.00
Develop unsaturated zone monitoring plan	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	1	0.50	\$12.15
Maintain written plan at the facility	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Closure and post-closure care (265.280)	0.00	0.00	0.50	0.50	1.00	\$39.31	\$340.00	0	0.00	\$0.00
Obtain certification of closure	0.00	2.50	20.00	2.50	25.00	\$1,320.58	\$0.00	0	0.00	\$0.00
Produce owner/operator's certification of closure	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Submit certification(s) to EPA	varies	varies	varies	varies	varies	varies	varies	varies	1.50	\$36.44
SUBTOTAL										

EXHIBIT 4 (CONTINUED)
LAND TREATMENT - PERMITTED
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Land Treatment - Permitted										
Read the regulations	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	1	2.00	\$108.66
Food-chain crops (264.276)	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	4	2.00	\$48.58
Maintain food-chain crop documentation at the facility	0.00	0.00	1.00	0.25	1.25	\$60.40	\$0.00	0	0.00	\$0.00
Develop and maintain operating plan (264.276(b)(2)(iii))	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Unsaturated zone monitoring (264.278)	0.00	0.50	10.00	1.00	11.50	\$602.24	\$3,100.00	1	11.50	\$3,702.24
Prepare and submit notice of statistically significant increases	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Prepare and submit notice of intent to make a demonstration	0.00	2.00	6.00	2.00	10.00	\$513.16	\$3.00	0	0.00	\$0.00
Prepare and submit report	0.00	0.00	0.50	0.50	1.00	\$39.31	\$340.00	0	0.00	\$0.00
Closure and post-closure care (264.280)	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Obtain certification of closure	0.00	10.00	80.00	10.00	100.00	\$5,282.30	\$9,000.00	0	0.00	\$0.00
Submit the certification to EPA	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Prepare and submit the demonstration	varies	varies	varies	varies	varies	varies	varies	varies	15.50	\$3,859.48
SUBTOTAL										
GRAND TOTAL										

LANDFILLS

Interim status units:

Based on RCRIS data, EPA estimates that three interim status landfill units are subject to 40 CFR Part 265, Subpart N.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Design Requirements

As mentioned previously, EPA estimates that no units will enter the interim status universe during the period covered in this ICR. In addition, EPA estimates that none of the existing interim status landfills will be replaced or laterally expanded during the period covered by this ICR. Therefore, zero units will submit an application for an exemption from the liner and leachate collection system requirement or a notification prior to receiving waste.

O&M costs for this activity include one-time contractor fees associated with the collection of information for a waiver of the double liner requirement.

(3) Developing and Submitting Action Leakage Rates

Because EPA estimates that no units will enter the interim status universe, zero units will submit action leakage rate (ALR) proposals to EPA in accordance with §265.302(a), and will maintain the results of the action leakage rate analysis at the unit. Additionally, EPA estimates that all three landfill units subject to Subpart N will maintain results of their ALR analysis.

O&M costs for this activity include one-time fees contractor associated with preparing the action leak rates.

(4) Calculating Average Daily Flow Rates

Because EPA estimates that no units will enter the interim status universe, zero units will calculate average daily flow rates as specified under §265.302(c).

O&M costs for this activity include one-time contractor fees associated with calculating the average daily flow rates.

(5) Response Action Plan and Recordkeeping of Response Actions

Because EPA estimates that no units will enter the interim status universe, zero units will complete and submit a Response Action Plan (RAP) to EPA. Additionally, EPA estimates that all three landfill units subject to Subpart N will maintain records of the analyses conducted for the RAP, in accordance with §265.303(a).

O&M costs for this activity include one-time contractor fees associated with completing the RAP.

(6) Action Leakage Reporting

EPA estimates that one percent of all interim status units (approximately zero units) will have to comply with action leakage reporting requirements, as required under §265.303(b).

O&M costs for this activity include one-time contractor fees associated with determining the location, size, and cause of any leak.

(7) Remediation Determination Analyses

EPA estimates that one percent of all interim status units (approximately zero units) will conduct remediation determination analyses in response to flow rates at the unit exceeding the action leakage rate, as specified under §265.303(c).

O&M costs for this activity include one-time contractor fees associated with making remediation determinations to assess the source of liquids and the seriousness of any leaks.

(8) Monitoring and Inspections

EPA estimates that all interim status units (three units) will record the monitoring and inspection activities as required by §265.304(b).

(9) Developing and Submitting Pump Operating Levels

Because EPA estimates that no units will enter the interim status universe, zero units will develop and submit pump operating level proposals and maintain the results of the associated analyses at the unit (§265.304(b)). Additionally, EPA estimate that all three units subject to Subpart N will maintain the results of their pump operating level analysis.

(10) Special Requirements for bulk and containerized liquids

Based on previous experience, EPA estimates that 50 percent of interim status units (approximately two units) will record and file the results of observations of the absence or presence of free liquids in bulk or containerized waste. EPA further estimates that 0.5 percent of these units (approximately zero unit) will submit a demonstration for placing non-hazardous liquid waste in a landfill.

Permitted units:

Based on RCRIS data, EPA estimates that, currently, 64 permitted landfill units are subject to 40 CFR Part 264, Subpart N. EPA further estimates that one interim status unit and one new unit will enter the permitted landfill universe annually during the period covered by this ICR, for a total of two newly permitted landfill units. Therefore, the total universe of permitted units with landfills subject to Subpart N is 66 (i.e., $64 + 1 + 1 = 66$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (two units).

(2) Calculating Average Daily Flow Rates

EPA estimates that only the new unit will calculate average daily flow rates, as specified under §264.302(c).

O&M costs for this activity include one-time contractor fees associated with calculating flow rates.

(3) Monitoring and Inspections

EPA estimates that all permitted units (66 units) will record the monitoring and inspection activities as required by §264.304(b).

(4) Action Leakage Reporting

EPA estimates that one percent of all permitted units (one unit) will undertake action leakage reporting procedures, and submit action leakage reports in response to an exceedance of action leakage levels, as required under §264.303(b).

O&M costs for this activity include one-time contractor fees associated with determining the location, size, and cause of any leak.

(5) Remediation Determination Analyses

EPA estimates that the unit above will conduct remediation determination analyses in response to flow rates at the unit exceeding the action leakage rate, as specified under §264.303(c).

O&M costs for this activity include one-time contractor fees associated with making remediation determinations to assess the source of liquids and the seriousness of any leaks.

(6) Special Requirements for bulk and containerized liquids

Based on previous experience, EPA estimates that 50 percent of permitted units (33 units) will record and file the results of observations of the absence or presence of free liquids in bulk or containerized waste. EPA further estimates that 0.5 percent of these units (approximately zero units) will submit demonstrations for placing non-hazardous liquid waste in landfills.

EXHIBIT 5
LANDFILLS - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.35/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res- pondents	Total Hours/ Year	Total Cost/ Year
Landfills - Interim Status										
Read the Regulations	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	0	0.00	\$0.00
Design Requirements (265.301)										
Prepare and submit notification of intention to receive waste	0.00	0.00	0.00	0.25	0.25	\$6.07	\$3.00	0	0.00	\$0.00
Collect the required information	0.00	0.50	7.25	0.50	8.25	\$440.69	\$0.00	0	0.00	\$0.00
Submit information to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Collect the required information for waiver of the double liner requirement	0.00	1.00	8.00	1.00	10.00	\$228.23	\$25,000.00	0	0.00	\$0.00
Submit information to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Develop and Submit Action Leakage Rates (265.302(a))										
Develop and submit to EPA	0.00	1.00	2.50	1.00	4.50	\$229.42	\$3,750.00	0	0.00	\$0.00
Maintain results of analyses	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	3	1.50	\$36.44
Calculate Average Daily Flow Rates (265.302(c))										
Calculate flow rates	0.00	0.50	5.00	0.50	6.00	\$318.45	\$1,250.00	0	0.00	\$0.00
Reporting and Recordkeeping of Response Action Plans (265.303(a))										
Complete the RAP	0.00	1.00	6.00	1.00	8.00	\$419.57	\$5,000.00	0	0.00	\$0.00
Submit the RAP to EPA	0.00	0.00	0.00	0.20	0.20	\$4.86	\$3.00	0	0.00	\$0.00
Maintain records of analyses	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	3	1.50	\$36.44
Action Leakage Reporting (265.303(b))										
Notify EPA, in writing, of the exceedance within 7 days	0.00	0.50	0.00	0.00	0.50	\$34.65	\$3.00	0	0.00	\$0.00
Submit a written assessment to the Regional Administrator within 14 days of the determination	0.00	0.50	3.00	1.00	4.50	\$221.93	\$3.00	0	0.00	\$0.00
Determine the location, size, and cause of any leak	0.00	26.00	210.00	26.00	262.00	\$13,842.64	\$100,000.00	0	0.00	\$0.00
Determine whether the unit should stop or curtail waste receipt	0.00	3.00	20.00	1.00	24.00	\$1,318.79	\$0.00	0	0.00	\$0.00
Determine whether waste should be removed from the unit or the unit should be closed down	0.00	3.00	3.50	1.00	7.50	\$422.35	\$0.00	0	0.00	\$0.00
Determine short-term and long-term actions necessary to mitigate the leak	0.00	6.00	30.00	2.00	38.00	\$2,094.28	\$0.00	0	0.00	\$0.00
Compile and submit information to EPA each month the ALR is exceeded (6 times a year)	0.00	0.00	1.00	1.00	2.00	\$78.62	\$18.00	0	0.00	\$0.00
Remediation Determination Analyses (265.303(c))										
Conduct remediation determination analyses	0.00	11.00	76.00	8.00	95.00	\$5,085.70	\$36,000.00	0	0.00	\$0.00
Monitoring and Inspections (265.304(b))										
Record all inspection data	0.00	0.00	26.00	4.00	30.00	\$1,509.74	\$3.00	3	9.00	\$4,538.22
Maintain records of analyses	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	3	6.00	\$145.74
Develop and Submit Pump Operating Level (265.304(c))										
Develop and submit to EPA	0.00	0.00	3.75	0.50	4.25	\$215.68	\$0.00	0	0.00	\$0.00
Maintain results of analyses	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	3	1.50	\$36.44
Special requirements for bulk and containerized liquids (265.314)										
Record and file the observation results	0.00	0.00	2.00	10.00	12.00	\$351.56	\$0.00	2	24.00	\$703.12
Gather information necessary for the demonstration (265.314(f))	0.00	0.00	8.00	0.50	8.50	\$446.79	\$0.00	0	0.00	\$0.00
Submit information to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	124.50	\$5,496.39

EXHIBIT 5 (CONTINUED)
 LANDFILLS - PERMITTED
 ANNUAL RESPOND BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.35/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Landfills - Permitted										
Read the Regulations	0.00	11.00	2.00	0.00	13.00	\$870.96	\$0.00	2	26.00	\$1,741.92
Calculate Average Daily Flow Rates (264.302(c))	0.00	0.50	5.00	0.50	6.00	\$318.45	\$1,250.00	1	6.00	\$1,568.45
Calculate average daily flow rates	0.00	0.00	26.00	4.00	30.00	\$1,509.74	\$0.00	66	1,980.00	\$99,642.84
Monitoring and Inspections (264.303(c)(1))	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	66	132.00	\$3,206.28
Record all inspection data	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1	0.50	\$37.65
Maintain records of analyses	0.00	0.50	0.00	0.00	0.50	\$34.65	\$3.00	1	0.50	\$37.65
Action Leakage Reporting (264.304(b))	0.00	0.00	3.00	1.00	4.50	\$221.93	\$3.00	1	4.50	\$224.93
Notify EPA, in writing, of the exceedance within 7 days	0.00	0.00	210.00	26.00	262.00	\$13,842.64	\$100,000.00	1	262.00	\$113,842.64
Submit a written assessment to the Regional Administrator within 14 days of the determination	0.00	26.00	210.00	26.00	262.00	\$13,842.64	\$100,000.00	1	262.00	\$113,842.64
Determine the location, size, and cause of any leak	0.00	3.00	20.00	1.00	24.00	\$1,318.79	\$0.00	1	24.00	\$1,318.79
Determine whether the unit should stop or curtail waste receipt	0.00	0.00	3.50	1.00	7.50	\$422.35	\$0.00	1	7.50	\$422.35
Determine whether waste should be removed from the unit or the unit should be closed down	0.00	6.00	30.00	2.00	38.00	\$2,094.28	\$0.00	1	38.00	\$2,094.28
Determine short-term and long-term actions necessary to mitigate the leak	0.00	0.00	6.00	6.00	12.00	\$471.72	\$18.00	1	12.00	\$489.72
Compile and submit information to EPA each month the ALR is exceeded	0.00	0.00	6.00	6.00	12.00	\$471.72	\$18.00	1	12.00	\$489.72
Remediation Determination Analyses (264.304(c))	0.00	11.00	76.00	8.00	95.00	\$5,085.70	\$36,000.00	1	95.00	\$41,085.70
Conduct remediation determination analyses	0.00	0.00	2.00	10.00	12.00	\$351.56	\$0.00	33	396.00	\$11,601.48
Special requirements for bulk and containerized liquids (264.314)	0.00	0.00	8.50	0.50	8.50	\$446.79	\$0.00	0	0.00	\$0.00
Record and file the observation results	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Gather information necessary for the demonstration (265.314(f))	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Submit information to the Region	varies	varies	varies	varies	varies	varies	varies	varies	2,983.50	\$277,277.02
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	3,108.00	\$282,773.41
GRAND TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	3,108.00	\$282,773.41

INCINERATORS

Interim status units:

Based on RCRIS data, EPA estimates that 28 interim status incinerator units are subject to 40 CFR Part 265, Subpart O.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Applicability

Because EPA estimates that no units will enter the interim status universe, zero units will submit a demonstration for exemption from the requirements of Subpart O.

O&M costs for this activity include one-time fees associated with conducting the trial burn.

(3) Waste Analysis

Based on previous experience, EPA estimates that one percent of interim status incinerator owner/operators will treat hazardous waste that is substantially different from waste previously treated in the incinerator. Therefore, approximately zero interim status units will be required to maintain information documenting the treatment of similar wastes under similar operating conditions.

O&M costs for this activity include contractor fees associated with conducting the waste analyses.

(4) Monitoring and Inspections

EPA estimates that all interim status units (28 units) will record the monitoring and inspection activities as required by §265.347(b).

(5) Special Requirements for Hazardous Wastes F020, F021, F022, F023, F026, and F027

EPA estimates that no interim status incinerators will be allowed to burn F020, F021, F022, F023, F026, or F027. Thus, no facilities will complete and submit the application.

O&M costs for this activity include one-time contractor fees associated with completing the application.

EXHIBIT 6
INCINERATORS - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Incinerators - Interim Status										
Read the Regulations										
Read the regulations	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	0	0.00	\$0.00
Applicability (265.340(b))										
Determine whether waste meets the requirements and document the fact in writing	0.00	0.50	8.00	0.50	9.00	\$481.44	\$0.00	0	0.00	\$0.00
File documentation at the facility	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Waste analysis (265.341)										
Conduct waste analysis	0.00	0.00	5.00	0.00	5.00	\$271.65	\$750.00	0	0.00	\$0.00
File and maintain waste analysis data	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Monitoring and inspections (265.347(b))										
Inspect the complete incinerator and associated equipment	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	28	42.00	\$2,281.86
Inspect all emergency shutdown controls and system alarms	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	28	42.00	\$2,281.86
Special requirements for hazardous wastes F020, F021, F022, F023, F026, and F027 (265.352(b)(1))										
Complete the application demonstrating that the incinerator can meet performance standards	0.00	25.00	200.00	25.00	250.00	\$13,205.75	\$100,000.00	0	0.00	\$0.00
Submit the application	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	84.00	\$4,563.72

EXHIBIT 6 (CONTINUED)
INCINERATORS - PERMITTED
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Incinerators - Permitted										
Read the Regulations										
Read the regulations	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	9	18.00	\$977.94
Notification of intent to burn hazardous wastes F020, F021, F022, F023, F026, and F027 (264.343(a)(2))										
Prepare notification	0.00	0.25	1.00	0.25	1.50	\$77.73	\$0.00	0	0.00	\$0.00
Submit notification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Monitoring and inspections (264.347(b) and (c))										
Conduct thorough visual inspections, at least daily, of the incinerator and associated equipment	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	1	1.50	\$81.50
Conduct operational testing, at least weekly, of the emergency waste feed cutoff system and associated alarms	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	1	1.50	\$81.50
Prepare exemption demonstration (264.347(c))	0.00	0.00	208.00	0.00	208.00	\$11,300.64	\$0.00	1	208.00	\$11,300.64
Submit demonstration to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	1	0.50	\$15.15
If the demonstration is approved, inspect the emergency waste feed cutoff system and associated alarms on a monthly basis	0.00	0.00	0.25	0.00	0.25	\$13.58	\$0.00	95	23.75	\$1,290.34
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	263.25	\$13,747.05
GRAND TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	337.25	\$18,310.77

Permitted units:

Based on RCRIS data, EPA estimates that, currently, 86 permitted incinerator units are subject to 40 CFR Part 264, Subpart O. EPA further estimates that eight interim status and one new unit will enter the permitted universe annually during the period covered by this ICR, for a total of nine new incinerator units. Therefore, the total universe of permitted units with incinerators subject to Subpart O is 95 (i.e., $86 + 8 + 1 = 95$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (nine units).

(2) Notification of Intent to Burn Hazardous Wastes F020, F021, F022, F023, F026, and F027

This ICR assumes that existing permitted units burning hazardous wastes F020, F021, F022, F023, F026, and F027 have already notified the Regional Administrator. EPA further estimates that no permitted incinerators are currently burning F020, F021, F022, F023, F026, and F027 wastes. Of the nine incinerators remaining, EPA estimates that 0.5 percent (zero units) will decide to start burning these wastes annually during the period covered by this ICR. Therefore, zero unit will be required to submit a notification of intent to burn hazardous wastes F020, F021, F022, F023, F026, and F027.

(3) Monitoring and Recordkeeping

Based on previous experience, EPA estimates that 0.5 percent of the permitted units subject to Subpart O (one unit) will submit a demonstration for an exemption from the requirements to test the emergency waste feed cutoff system and associate alarms on a weekly basis. All permitted units with incinerators (95 units) must record monitoring and inspection data in the operating log required by §264.73.

THERMAL TREATMENT UNITS

Based on RCRIS data, EPA estimates that three interim status units thermally treat hazardous waste in devices other than enclosed devices using controlled flame combustion.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Waste Analysis

Based on previous experience, EPA estimates that one percent of interim status thermal treatment unit owner/operators will treat hazardous waste that is substantially different from waste previously

EXHIBIT 7
 THERMAL TREATMENT UNITS
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Respondents	Total Hours/ Year	Total Cost/ Year
Thermal Treatment Units - Interim Status										
Read the Regulations										
Read the regulations	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	0	0.00	\$0.00
Waste analysis (265.375)										
Conduct waste analysis	0.00	0.00	5.00	0.00	5.00	\$271.65	\$750.00	0	0.00	\$0.00
File and maintain waste analysis data	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Monitoring and Inspections (265.37(a))										
Monitor existing temperature and emission control instruments	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	3	4.50	\$244.49
Observe visually the stack plume for normal appearance	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	3	4.50	\$244.49
Inspect the complete thermal process and associated equipment	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	3	4.50	\$244.49
Inspect all emergency shutdown controls and system alarms	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	3	4.50	\$244.49
Application to burn F020, F021, F022, F023, F026, or F027 (265.383(b)(1))										
Collect information and prepare application	0.00	0.50	16.00	2.00	18.50	\$952.51	\$50,000.00	0	0.00	\$0.00
Submit application to the Assistant Administrator of OSWER	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	18.00	\$977.94

treated in the thermal treatment unit. Therefore, approximately zero interim status units will be required to maintain information documenting the treatment of similar wastes under similar operating conditions.

O&M costs for this activity include contractor fees associated with conducting the waste analyses.

(3) Monitoring and Inspections

EPA estimates that all interim status units (three units) will record the monitoring and inspection activities as required by §265.77(a).

(4) Special Requirements for Hazardous Wastes F020, F021, F022, F023, F026, and F027

EPA does not expect any thermal treatment unit to submit an application to burn EPA Hazardous Wastes F020, F021, F022, F023, F026, or F027.

O&M costs for this activity include one-time contractor fees associated with completing the application.

CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS - INTERIM STATUS FACILITIES ONLY

Based on RCRIS data, EPA estimates that 25 interim status units treat hazardous wastes by chemical, physical, or biological methods in units other than tanks, surface impoundments, and land treatment units.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Waste Analysis

Based on previous experience, EPA estimates that one percent of interim status chemical, physical, and biological unit owner/operators will treat hazardous waste that is substantially different from waste previously treated in the treatment unit. Therefore, approximately zero interim status units will be required to maintain information documenting the treatment of similar wastes under similar operating conditions.

O&M costs for this activity include contractor fees associated with conducting the waste analyses.

(3) Inspections

EPA estimates that all interim status units (25 units) will record the monitoring and inspection activities as required by §265.403(a).

EXHIBIT 8
 CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS - INTERIM STATUS
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res-pondents	Total Hours/ Year	Total Cost/ Year
Chemical, Physical, and Biological Treatment Units - Interim Status Facilities Only										
Read the Regulations										
Read the regulations	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	0	0.00	\$0.00
Waste analysis and trial tests (265.402(a))										
Conduct waste analyses and trial treatment tests	0.00	0.00	5.00	0.00	5.00	\$271.65	\$750.00	0	0.00	\$0.00
Obtain written, documented information on similar treatment of similar waste under similar operating conditions	0.00	0.00	1.00	0.50	1.50	\$66.48	\$0.00	0	0.00	\$0.00
File and store waste analyses and trial test data	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Inspections (265.403(a))										
Inspect discharge control and safety equipment, where present, at least once each operating day	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	25	37.50	\$2,037.38
Gather data from monitoring equipment, where present, at least once each operating day	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	25	37.50	\$2,037.38
Inspect construction materials of the treatment process or equipment, where present, at least weekly	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	25	37.50	\$2,037.38
Inspect construction materials or, and the area immediately surrounding, where present, discharge confinement structures, at least weekly	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	25	37.50	\$2,037.38
File and store monitoring and inspection data	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	25	12.50	\$303.63
TOTAL	varies	varies	varies	varies	varies	varies	varies	0	0.00	\$0.00

DRIP PADS

Generators:

Based on RCRIS data, EPA estimates that no generators will be subject to the regulations under 40 CFR Part 261, Subpart D.

(1) Read the Regulations

EPA assumes that generators with drip pads subject to 40 CFR Part 261 have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Cleaning or replacement plan

EPA estimates that all generators (265 units) will prepare and sign an equipment cleaning or replacement plan. Additionally, EPA anticipates that all 265 units will document cleaning or replacement and maintain that documentation at the unit, as specified under §261.35(b)-(c).

Interim status units:

Based on RCRIS data, EPA estimates that one interim status drip pad unit is subject to 40 CFR Part 265, Subpart W.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Contingency Plan

Because EPA estimates that no units will enter the interim status universe, zero units will develop and maintain a contingency plan for discharge of drippage, including documentation of drippage, as specified under §265.440(c)(1).

(3) Assessment of Existing Drip Pad Integrity

Because EPA estimates that no units will enter the interim status universe, zero units will obtain assessment of the integrity of existing drip pads. However, EPA estimates that the existing unit subject to Subpart W will review and recertify the drip pad maintain records of the assessment, according to §265.441(a).

O&M costs for this activity include one-time contractor fees associated with preparing a written assessment of the drip pad by a registered engineer, and for fees for reviewing, updating, and re-certification.

(4) Plan for Upgrading, Repairing, and Modifying the Drip Pad

Because EPA estimates that no units will enter the interim status universe, zero units will develop and submit a plan for upgrading, repairing, and modifying a drip pad and all as-built drawings of a drip pad (§265.441(b)-(c)).

O&M costs for this activity include one-time contractor fees associated with developing a written plan by a registered engineer, as-built drawings, and a certification.

(5) Design and Operating Requirements

Because EPA estimates that no units will enter the interim status universe, zero units will obtain a written assessment of a new drip pad. However, EPA estimates that the existing unit subject to Subpart W will obtain a evaluation and certification of the drip pad annually, document the date and time of cleaning, and maintain records of wood treated on the pad, in accordance with §265.443(a)-(k).

O&M costs for this activity include one-time fees contractor associated with a written certified assessment of a new drip pad by a registered engineer, as well as an annual evaluation and certification.

(6) Emergency Response

EPA estimates that no interim status units will be required to follow emergency response procedures due to a release of hazardous waste, as specified under §265.443(m).

O&M costs for this activity include one-time contractor fees associated with a certification by a registered engineer that clean ups have occurred according to plan.

(7) Operating Record

EPA estimates that the existing unit subject to Subpart W will maintain documentation of past operating and waste handling practices in accordance with §265.443(n).

(8) Inspections

EPA estimates that the existing unit subject to Subpart W will inspect and certify liners on a weekly basis as required under §265.444.

O&M costs for this activity include one-time contractor fees associated with certifying liners.

Permitted units:

Based on RCRIS data, EPA estimates that, currently, one drip pad unit is subject to 40 CFR Part 264, Subpart W. EPA further estimates that no units will enter the drip pad universe under permitted status annually during the period covered in this ICR.

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (zero units).

(2) Contingency Plan

Because EPA estimates that no units will enter the permitted universe, zero units will develop and maintain a contingency plan for discharge of drippage, including documentation of drippage, as specified under §264.570(c)(1).

(3) Assessment of Existing Drip Pad Integrity

Because EPA estimates that no units will enter the permitted universe, zero units will obtain an assessment of the integrity of existing drip pads, as well as maintain records of the assessment, according to §264.571(a).

O&M costs for this activity include one-time contractor fees associated with preparing a written assessment of the drip pad by a registered engineer, and for fees for reviewing, updating, and re-certification.

(4) Plan for Upgrading, Repairing, and Modifying the Drip Pad

EPA estimates that no permitted units will develop and submit a plan for upgrading, repairing, and modifying a drip pad and all as-built drawings of a drip pad (§264.571(b)-(c)).

O&M costs for this activity include one-time contractor fees associated with developing a written plan by a registered engineer, as-built drawings, and a certification.

(5) Design and Operating Requirements

Because EPA estimates that no units will enter the permitted universe, zero units will obtain a written assessment of a new drip pad. However, EPA estimates that the existing unit subject to Subpart W will obtain a evaluation and certification of the drip pad annually, document the date and time of cleaning, and maintain records of wood treated on the pad, in accordance with §264.573(a)-(k).

O&M costs for this activity include one-time fees contractor associated with a written certified assessment of a new drip pad by a registered engineer, as well as an annual evaluation and certification.

(6) Emergency Response

EPA estimates that no permitted units will be required to follow emergency response procedures due to a release of hazardous waste, as specified under §264.573(m).

O&M costs for this activity include one-time contractor fees associated with preparing an emergency response report.

EXHIBIT 9
DRIP PADS - GENERATORS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Drip Pads - Generators										
Read the Regulations	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	0	0.00	\$0.00
Equipment cleaning or replacement plan (261.35(b) and (c))	0.00	1.00	8.00	1.00	10.00	\$528.23	\$0.00	0	0.00	\$0.00
Prepare and follow equipment cleaning plan	0.00	1.00	8.00	1.00	10.00	\$528.23	\$0.00	0	0.00	\$0.00
Document cleaning or replacement	0.00	0.00	1.00	4.00	5.00	\$151.49	\$0.00	0	0.00	\$0.00
Maintain documentation of cleaning or replacement	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	0	0.00	\$0.00
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	0.00	\$0.00

EXHIBIT 9 (CONTINUED)
DRIP PADS - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Drip Pads - Interim Status										
Read the Regulations	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	0	0.00	\$0.00
Contingency Plan (265.440(c)(1))	0.00	0.00	2.00	0.50	2.50	\$120.81	\$0.00	0	0.00	\$0.00
Develop and maintain a contingency plan for discharge of drippage, including documentation of drippage	0.00	0.50	0.00	0.00	0.50	\$34.65	\$340.00	0	0.00	\$0.00
Assessment of Existing Drip Pad Integrity (265.441(a))	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Maintain written assessment	0.00	0.50	0.00	0.00	0.50	\$34.65	\$340.00	1	0.50	\$374.65
Review, update, and re-certify assessment annually	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Plan for Upgrading, Repairing, and Modifying the Drip Pad (265.441(b) and (c))	0.00	1.00	8.00	0.00	9.00	\$503.94	\$1,500.00	0	0.00	\$0.00
Develop and submit a written certified plan	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Submit the plan	0.00	1.00	1.00	0.50	2.50	\$135.78	\$340.00	0	0.00	\$0.00
Obtain and submit as-built drawings and a certification	0.00	1.00	0.00	0.00	1.00	\$69.30	\$340.00	0	0.00	\$0.00
Design and Operating Requirements (265.443(a)(4)(i), (b)(3), (g), (i), and (k))	0.00	1.00	0.00	0.00	1.00	\$69.30	\$340.00	0	0.00	\$0.00
Obtain and maintain a written certified assessment of a new drip pad	0.00	1.00	0.00	0.00	1.00	\$69.30	\$340.00	0	0.00	\$0.00
Update and maintain written certified assessment of drip pad annually	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Maintain documentation of the date and time of any leakage collected and removed from the leakage collection system immediately above the liner	0.00	0.00	1.00	4.00	5.00	\$151.49	\$0.00	1	5.00	\$151.49
Obtain and maintain a certification of compliance with §265.443 from an independent, qualified registered professional engineer	0.00	1.00	0.00	0.00	1.00	\$69.30	\$340.00	1	1.00	\$409.30
Maintain documentation of the date and time of cleaning of the drip pad	0.00	0.00	1.00	4.00	5.00	\$151.49	\$0.00	1	5.00	\$151.49
Maintain records of treated wood on pad	0.00	0.00	1.00	4.00	5.00	\$151.49	\$0.00	1	5.00	\$151.49
Emergency Response (265.443(m))	0.00	0.00	1.00	0.00	1.00	\$54.33	\$0.00	0	0.00	\$0.00
Enter a record of discovery	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	0	0.00	\$0.00
Notify EPA of each condition within 24 hours	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	0	0.00	\$0.00
Provide written notification to EPA within 10 working days	0.00	0.00	0.00	0.25	0.25	\$0.00	\$0.00	0	0.00	\$0.00
Prepare and submit report and certification to EPA when all repairs and clean up are complete	0.00	1.00	7.50	1.50	10.00	\$513.21	\$340.00	0	0.00	\$0.00
Operating Record (265.443(n))	0.00	2.00	6.00	0.00	8.00	\$464.58	\$0.00	1	8.00	\$464.58
Maintain documentation of past operating and waste handling practices	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Inspections (265.444)	0.00	0.00	4.33	0.00	4.33	\$235.25	\$340.00	1	4.33	\$575.25
Inspect and certify liners immediately after construction or installation	0.00	0.00	4.33	0.00	4.33	\$235.25	\$340.00	1	4.33	\$575.25
Inspect and certify liners on a weekly basis	varies	varies	varies	varies	varies	varies	varies	varies	34.16	\$3,262.80
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	34.16	\$3,262.80

EXHIBIT 9 (CONTINUED)
 DRIP PADS - PERMITTED
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Drip Pads - Permitted										
Read the Regulations										
Read the Regulations	0.00	0.00	1.50	0.00	1.50	\$81.50	\$0.00	0	0.00	\$0.00
Contingency Plan (264.570(c)(1))										
Develop and maintain a contingency plan for discharge of dripage, including documentation of dripage	0.00	0.00	2.00	0.50	2.50	\$120.81	\$0.00	0	0.00	\$0.00
Assessment of Existing Drip Pad Integrity (264.571(a))										
Obtain written certified assessment	0.00	0.50	0.00	0.00	0.50	\$34.65	\$340.00	0	0.00	\$0.00
Maintain written assessment	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Review, update, and re-certify assessment annually	0.00	0.50	0.00	0.00	0.50	\$34.65	\$340.00	1	0.50	\$374.65
Plan for Upgrading, Repairing, and Modifying the Drip Pad (264.571(b) and (c))										
Develop and submit a written certified plan	0.00	1.00	8.00	0.00	9.00	\$503.94	\$1,500.00	0	0.00	\$0.00
Maintain a written assessment of the plan	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	0	0.00	\$0.00
Obtain and submit as-built drawings and a certification	0.00	1.00	1.00	0.50	2.50	\$135.78	\$340.00	0	0.00	\$0.00
Design and Operating Requirements (264.573(a)-(b))										
Obtain and maintain a written certified assessment of a new drip pad	0.00	1.00	0.00	0.00	1.00	\$69.30	\$340.00	0	0.00	\$0.00
Update and maintain the written certified assessment of drip pad annually	0.00	1.00	0.00	0.00	1.00	\$69.30	\$340.00	1	1.00	\$409.30
Maintain documentation of the date and time of any leakage collected and removed from the leakage collection system immediately above the liner	0.00	0.00	1.00	4.00	5.00	\$151.49	\$340.00	1	5.00	\$491.49
Obtain and maintain a certification of compliance with §264.443 from an independent, qualified registered professional engineer	0.00	1.00	0.00	0.00	1.00	\$69.30	\$340.00	1	1.00	\$409.30
Maintain documentation of date and time of cleaning of the drip pad	0.00	0.00	1.00	4.00	5.00	\$151.49	\$0.00	1	5.00	\$151.49
Maintain records of treated wood on pad	0.00	0.00	1.00	4.00	5.00	\$151.49	\$0.00	1	5.00	\$151.49
Emergency Response (264.573(m))										
Enter a record of discovery	0.00	0.00	1.00	0.00	1.00	\$54.33	\$0.00	0	0.00	\$0.00
Notify EPA of each condition within 24 hours	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	0	0.00	\$0.00
Provide written notification to EPA within 10 working days	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	0	0.00	\$0.00
Prepare and submit report and certification to EPA when all repairs and clean up are complete	0.00	1.00	7.50	1.50	10.00	\$513.21	\$340.00	0	0.00	\$0.00
Operating Record (264.573(n))										
Maintain documentation of past operating and waste handling practices	0.00	2.00	6.00	0.00	8.00	\$464.58	\$0.00	1	8.00	\$464.58
Inspections (264.574)										
Inspect and certify liners immediately after construction or installation	0.00	0.00	4.33	0.00	4.33	\$235.25	\$340.00	1	4.33	\$575.25
Inspect and certify liners on a weekly basis	0.00	0.00	4.33	0.00	4.33	\$235.25	\$0.00	1	4.33	\$235.25
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	34.16	\$3,262.80
GRAND TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	68.32	\$6,525.60

(7) Operating Record

EPA estimates that the existing permitted unit will maintain documentation of past operating and waste handling practices in accordance with §264.573(n).

(8) Inspections

EPA estimates that the existing permitted unit will inspect and certify liners on a weekly basis as required under §264.574.

O&M costs for this activity include one-time contractor fees associated with certifying liners.

MISCELLANEOUS UNITS - PERMITTED FACILITIES ONLY

Based on RCRIS data, EPA estimates that, currently, 119 permitted units are subject to 40 CFR Part 264, Subpart X. EPA further estimates that one new unit will enter the permitted universe annually. Therefore, the total universe of permitted units with miscellaneous units subject to Subpart X is 120 (i.e., $119 + 1 = 120$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (one unit).

PROCESS VENTS**Interim status units:**

EPA estimates that six interim status units with process vents are subject to 40 CFR Part 265, Subpart AA.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Control Device Operation Documentation

This ICR assumes that existing interim status units with process vents that have implemented control devices different from those specified in §265.1033(f), (g), and (h) have already prepared documentation describing the operation of control devices and identifying process parameters that indicate proper operation and maintenance of those control devices. Thus, zero units will implement control devices different from those specified in §265.1033(f), (g), and (h) and zero units will be required to prepare this documentation. EPA estimates that all interim status units (six units) will reassess control

EXHIBIT 10
 MISCELLANEOUS UNITS - PERMITTED
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res- pondents	Total Hours/ Year	Total Cost/ Year
Miscellaneous Units - Permitted Facilities Only										
Read the Regulations	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	1	2.00	\$108.66
Read the regulations	varies	varies	varies	varies	varies	varies	varies	varies	2.00	\$108.66
TOTAL										

device operation documentation annually, and 30 percent (approximately two units) will modify it annually. Finally, EPA believes that all six units will maintain documentation at their facility.

(3) Waste Determination

Based on previous experience, EPA estimates that 10 percent of interim status units with process vents (approximately one unit) will use knowledge of the waste to determine that its total organic concentration is less than 10 ppmw. EPA further estimates that owner/operators will make knowledge-based waste determinations approximately 200 times per year. Therefore, one interim status unit will be required to prepare documentation of waste determinations 200 times per year, for a total of 200 activities.

O&M costs for this activity include one-time contractor fees associated with lab fees.

(4) Unit Operating Record

All interim status units subject to Subpart AA are required to maintain a unit operating record. However, the contents of the record will vary according to unit-specific circumstances. A discussion of the respondent burden for each data item is presented below:

C Implementation schedule

This ICR assumes that existing interim status units with process vents that are complying with the provisions of §265.1033(a)(2) have already prepared an implementation schedule. As mentioned earlier, EPA estimates that no units with process vents will enter the interim status universe. Therefore, zero units will be required to prepare an implementation schedule.

EPA estimates that all interim status units (six units) will reassess their implementation schedule, and 30 percent (approximately two units) will modify it annually.

C Up-to-date documentation of compliance with §265.1032

This ICR assumes that existing interim status units with process vents have already prepared documentation of compliance with §265.1032. As indicated previously, EPA estimates that zero units subject to the requirements of Subpart AA will obtain interim status. Therefore, zero units will be required to prepare §265.1032 compliance documentation.

EPA estimates that all interim status units (six units) will reassess, file, and maintain their §265.1032 compliance documentation, and 30 percent (approximately two units) will modify it annually.

C Performance Test Plan

This ICR assumes that existing interim status units with process vents that are using test data to determine the organic removal efficiency or total organic compound concentration achieved by the control device have already prepared a performance test plan. Because zero units with process vents will enter the interim status universe, EPA estimates that no units will be required to prepare a performance test plan.

EPA estimates that all interim status units (six units) will reassess, file, and maintain their performance test plan, and 30 percent (approximately two units) will modify it annually.

C Documentation of compliance with §265.1033

This ICR assumes that existing interim status and permitted units with process vents have already prepared documentation of compliance with §265.1033. As indicated previously, EPA estimates that zero units with process vents will enter the interim status universe. Therefore, zero units will be required to prepare §265.1033 compliance documentation.

EPA estimates that all interim status units (six units) will reassess, file, and maintain §265.1033 compliance documentation, and that 30 percent (approximately two units) will modify it annually.

C Design, monitoring, operation, and inspection information

This ICR assumes that existing interim status with process vents have already prepared design, monitoring, and inspection information for each closed-vent system and control device. As indicated previously, EPA estimates that zero units with process vents will enter the interim status universe. Therefore, zero units will be required to prepare design, monitoring, operation, and inspection information.

EPA estimates that all interim status units (six units) will reassess, file, and maintain control device operation documentation, and 30 percent (approximately two units) will modify it annually.

C Determination of Applicability of §265.1032

This ICR assumes that existing interim status units have already documented information determining applicability of §265.1032 to their unit process vents. As indicated previously, EPA estimates that zero units with process vents will enter the interim status universe. Therefore, zero units will be required to document information determining applicability of §265.1032 to their unit process vents.

EPA estimates that all six interim status units will reassess, file, and maintain this documentation, and 30 percent (approximately two units) will modify it annually.

Permitted units:

EPA estimates that, currently, 104 permitted units are subject to 40 CFR Part 264, Subpart AA. EPA further estimates that two interim status units and one new units will obtain permitted status annually during the period covered by this ICR, for a total of three newly permitted units. Therefore, the total universe of permitted units with process vents subject to Subpart AA is 107 (i.e., $104 + 2 + 1 = 107$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (three units).

(2) Control Device Operation Documentation

This ICR assumes that existing permitted units with process vents that have implemented control devices different from those specified in §264.1033(f), (g), and (h) have already prepared documentation describing the operation of control devices and identifying process parameters that indicate proper operation and maintenance of those control devices. EPA further estimates that units entering the permitted process vent universe prepared this documentation under interim status, but new units will have to perform the activity. Therefore, one permitted unit will be required to prepare this documentation.

EPA estimates that all permitted units (107 units) will reassess, file, and maintain control device operation documentation, and that 10 percent (approximately 11 units) will modify it annually.

(3) Waste Determination

Based on previous experience, EPA estimates that 10 percent of permitted units with process vents (approximately 11 units) will use knowledge of the waste to determine that its total organic concentration is less than 10 ppmw. EPA further estimates that knowledge-based waste determinations will be made approximately 200 times per year. Therefore, 11 permitted units will be required to prepare documentation of waste determinations 200 times per year.

O&M costs for this activity include one-time contractor fees associated with lab fees.

(4) Unit Operating Record

All permitted units subject to Subpart AA are required to maintain a unit operating record. However, the contents of the record will vary according to unit-specific circumstances. A discussion of the respondent burden for each data item is presented below:

C Implementation schedule

This ICR assumes that existing permitted units with process vents that are complying with the provisions of §264.1033(a)(2) have already prepared an implementation schedule. EPA further estimates that units entering the permitted process vent universe from interim status will have prepared an implementation schedule under interim status, but new units will have to perform the activity. Therefore, one permitted unit will be required to prepare an implementation schedule. EPA estimates that all permitted units (107 units) will reassess, file, and maintain their implementation schedule, and 10 percent (approximately 11 units) will modify it annually.

C Up-to-date documentation of compliance with §264.1032

This ICR assumes that existing permitted units with process vents have already prepared documentation of compliance with §264.1032. EPA further estimates that units entering the permitted process vent universe from interim status will have already prepared this documentation, but new units will have to perform the activity. Therefore, one permitted unit will be required to prepare an up-to-date documentation of compliance with §264.1032.

EPA estimates that all permitted units (107 units) will reassess, file, and maintain §264.1032 compliance documentation, and 10 percent (approximately 11 units) will modify it annually.

C Performance Test Plan

This ICR assumes that existing permitted units with process vents that are using test data to determine the organic removal efficiency or total organic compound concentration achieved by the control device have already prepared a performance test plan. EPA further estimates that units entering the permitted process vent universe from interim status will already have prepared a performance test plan, but new units will have to perform the activity. Therefore, one permitted unit will be required to prepare a performance test plan.

EPA estimates that all permitted units (107 units) will reassess, file, and maintain their performance test plan, and 10 percent (approximately 11 units) will modify it annually.

C Documentation of compliance with §264.1033

This ICR assumes that existing permitted units with process vents have already prepared documentation of compliance with §264.1033. EPA further estimates that units entering the permitted process vent universe from interim status will have already prepared this documentation, but new units will have to perform the activity. Therefore, one permitted unit will be required to prepare compliance documentation.

EPA estimates that all permitted units (107 units) will reassess, file, and maintain §264.1033 compliance documentation, and 10 percent (approximately 11 units) will modify it annually.

C Design, monitoring, operation, and inspection information

This ICR assumes that existing permitted units with process vents have already prepared design, monitoring, and inspection information for each closed-vent system and control device. EPA further estimates that units entering the permitted process vent universe from interim status will have already prepared this information, but new units will have to perform the activity. Therefore, one permitted unit will be required to prepare compliance documentation.

EPA estimates that all permitted units (107 units) will reassess, file, and maintain control device operation documentation, and that 10 percent (approximately 11 units) will modify it annually.

C Determination of Applicability of §264.1032

This ICR assumes that existing permitted units have already documented information determining applicability of §264.1032 to their unit process vents. EPA further estimates that units entering the permitted process vent universe from interim status will have already prepared this determination, but new units will have to perform the activity. Therefore, one permitted unit will be required to prepare this documentation.

EPA estimates that all permitted units (107 units) will reassess, file, and maintain this documentation, and that 10 percent (approximately 11 units) will modify it annually.

(5) Semiannual Report of Control Device Monitoring Events

Based on previous experience, EPA estimates that 60 percent of permitted units with process vents will have control devices that exceed or operate outside design specifications or have flares that operate with visible emissions. Therefore, approximately 64 units will be required to submit a semiannual report.

EQUIPMENT LEAKS

Interim status units:

EPA estimates that 108 interim status units are subject to 40 CFR Part 265, Subpart BB.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Notification to implement the alternate valve standard specified in §265.1061(a)

Based on previous experience, EPA estimates that, each year, 20 percent of interim status units subject to Subpart BB will decide to implement the alternative standard specified in §265.1061(a). Therefore, approximately 22 units will be required to prepare notification to implement the alternate valve standard specified in §265.1061(a).

(3) Notification to discontinue implementing the alternative valve standard specified in §265.1061(a)

Based on previous experience, EPA estimates that 22 interim status units subject to Subpart BB have implemented the alternative standard for valves specified in §265.1061(a) and one percent of these units will discontinue using the alternative standard each year. Therefore, approximately zero units will be required to prepare notification to discontinue implementing the alternate valve standard specified in §265.1061(a).

EXHIBIT 11
 PROCESS VENTS - INTERIM STATUS
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY											
Process Vents - Interim Status	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res-pondents	Total Hours/ Year	Total Cost/ Year	
Read the Regulations											
Read the regulations	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	0	0.00	\$0.00	
Control Device Operation Documentation (265.1033(f))											
Gather control device operation/process parameter information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	0	0.00	\$0.00	
Document control device/process parameter information	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	0	0.00	\$0.00	
Reassess and file control device operation documentation	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	6	12.00	\$651.96	
Modify control device operation documentation	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	2	8.00	\$434.64	
Maintain documentation at the facility (265.1035)(e)	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	6	3.00	\$72.87	
Waste Determination (265.1034(d)(2))											
Gather production process, waste generation and specification analysis information (200 times annually)	0.00	400.00	2,800.00	400.00	3,600.00	\$189,560.00	\$40,000.00	1	3,600.00	\$229,560.00	
Document production process, waste generation and specification analysis information (200 times annually)	0.00	0.00	0.00	100.00	100.00	\$2,429.00	\$0.00	1	100.00	\$2,429.00	
Maintain documentation at the facility (200 times annually)	0.00	0.00	0.00	100.00	100.00	\$2,429.00	\$0.00	1	100.00	\$2,429.00	
Facility operating record: Implementation schedule (265.1035(b)(1))											
Prepare implementation schedule	0.00	1.00	6.00	1.00	8.00	\$419.57	\$0.00	0	0.00	\$0.00	
Reassess implementation schedule	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	6	12.00	\$651.96	
File and maintain implementation schedule	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	6	3.00	\$72.87	
Modify implementation schedule	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	2	8.00	\$434.64	
Facility operating record: Up-to-date documentation of compliance with 265.1032 (265.1035(b)(2))											
Prepare documentation of compliance	0.00	1.00	6.00	1.00	8.00	\$419.57	\$0.00	0	0.00	\$0.00	
Reassess documentation of compliance	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	6	12.00	\$651.96	
File and maintain documentation of compliance	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	6	3.00	\$72.87	
Modify documentation of compliance	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	2	8.00	\$434.64	
Facility operating record: Performance test plan (265.1035(b)(3))											
Prepare performance test plan	0.00	1.00	6.00	1.00	8.00	\$419.57	\$0.00	0	0.00	\$0.00	
Reassess performance test plan	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	6	12.00	\$651.96	
File and maintain performance test plan	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	6	3.00	\$72.87	
Modify performance test plan	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	2	8.00	\$434.64	
Facility operating record: Documentation of compliance with 265.1033 (265.1035(b)(4))											
Prepare documentation of compliance	0.00	1.00	6.00	1.00	8.00	\$419.57	\$0.00	0	0.00	\$0.00	
Reassess documentation of compliance	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	6	12.00	\$651.96	
File and maintain documentation of compliance	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	6	3.00	\$72.87	
Modify documentation of compliance	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	2	8.00	\$434.64	
Facility operating record: Design/monitoring/operation/inspection information (265.1035(c))											
Prepare design/monitoring/operation/inspection information	0.00	1.00	6.00	1.00	8.00	\$419.57	\$0.00	0	0.00	\$0.00	
Reassess design/monitoring/operation/inspection information	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	6	12.00	\$651.96	
File and maintain design/monitoring/operation/inspection information	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	6	3.00	\$72.87	
Modify design/monitoring/operation/inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	2	8.00	\$434.64	
Facility operating record: Determination of applicability of 265.1032 (265.1035(f))											
Prepare determination of applicability	0.00	0.00	7.00	1.00	8.00	\$404.60	\$0.00	0	0.00	\$0.00	
Reassess determination of applicability	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	6	12.00	\$651.96	
File and maintain determination of applicability	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	6	3.00	\$72.87	
Modify determination of applicability	0.00	0.00	3.00	1.00	4.00	\$187.28	\$0.00	2	8.00	\$374.56	
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	3,961.00	\$242,474.21	

EXHIBIT 11 (CONTINUED)
 PROCESS VENTS - PERMITTED
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Process Vents - Permitted										
Read the Regulations										
Read the regulations	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	3	12.00	\$651.96
Control Device Operation Documentation (264.1033(f))										
Gather information	0.00	0.00	3.50	0.50	4.00	\$202.30	\$0.00	1	4.00	\$202.30
Document information	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	1	2.00	\$108.66
Reassess and file documentation	0.00	0.00	1.50	0.50	2.00	\$93.64	\$0.00	107	214.00	\$10,019.48
Modify documentation	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	11	44.00	\$2,390.52
Maintain documentation at the facility (264.1035)(e)(2)	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	107	53.50	\$1,299.52
Waste Determination (264.1034(d)(2))										
Gather information (200 times annually)	0.00	400.00	2,800.00	400.00	3,600.00	\$189,560.00	\$40,000.00	11	39,600.00	\$2,525,160.00
Document information (200 times annually)	0.00	0.00	0.00	100.00	100.00	\$2,429.00	\$0.00	11	1,100.00	\$26,719.00
Maintain documentation at the facility (200 times annually)	0.00	0.00	0.00	100.00	100.00	\$2,429.00	\$0.00	11	1,100.00	\$26,719.00
Facility operating record: Implementation schedule (264.1035)(b)(1))										
Prepare implementation schedule	0.00	0.00	7.00	1.00	8.00	\$404.60	\$0.00	1	8.00	\$404.60
Reassess implementation schedule	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	107	214.00	\$11,626.62
File and maintain implementation schedule	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	107	53.50	\$1,299.52
Modify implementation schedule	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	11	44.00	\$2,390.52
Facility operating record: Up-to-date documentation of compliance with 264.1032 (264.1035)(b)(2))										
Prepare documentation of compliance	0.00	0.00	7.00	1.00	8.00	\$404.60	\$0.00	1	8.00	\$404.60
Reassess documentation of compliance	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	107	214.00	\$11,626.62
File and maintain documentation of compliance	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	107	53.50	\$1,299.52
Modify documentation of compliance	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	11	44.00	\$2,390.52
Facility operating record: Performance test plan (264.1035)(b)(3))										
Prepare performance test plan	0.00	0.00	7.00	1.00	8.00	\$404.60	\$0.00	1	8.00	\$404.60
Reassess performance test plan	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	107	214.00	\$11,626.62
File and maintain performance test plan	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	107	53.50	\$1,299.52
Modify performance test plan	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	11	44.00	\$2,390.52
Facility operating record: Documentation of compliance with 264.1033 (264.1035)(b)(4))										
Prepare documentation of compliance	0.00	0.00	7.00	1.00	8.00	\$404.60	\$0.00	1	8.00	\$404.60
Reassess documentation of compliance	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	107	214.00	\$11,626.62
File and maintain documentation of compliance	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	107	53.50	\$1,299.52
Modify documentation of compliance	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	11	44.00	\$2,390.52
Facility operating record: Design/monitoring/operation/inspection information (264.1035(c))										
Prepare design/monitoring/operation/inspection information	0.00	0.00	7.00	1.00	8.00	\$404.60	\$0.00	1	8.00	\$404.60
Reassess design/monitoring/operation/inspection information	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	107	214.00	\$11,626.62
File and maintain design/monitoring/operation/inspection information	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	107	53.50	\$1,299.52
Modify design/monitoring/operation/inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	11	44.00	\$2,390.52
Facility operating record: Determination of applicability of 264.1032 (264.1035(f))										
Prepare determination of applicability	0.00	0.00	7.00	1.00	8.00	\$404.60	\$0.00	1	8.00	\$404.60
Reassess determination of applicability	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	107	214.00	\$11,626.62
File and maintain determination of applicability	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	107	53.50	\$1,299.52
Modify determination of applicability	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	11	44.00	\$2,390.52
Semiannual Report of Control Device Monitoring Events (264.1036)										
Prepare the semiannual report	0.00	4.00	6.00	6.00	16.00	\$749.92	\$0.00	64	1,024.00	\$47,930.88
Submit semiannual report to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	64	32.00	\$969.28
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	45,102.50	\$2,736,498.13
GRAND TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	49,063.50	\$2,978,972.34

(4) Notification to implement the alternative valve standard specified in §265.1062(b)(2), or (b)(3).

Based on previous experience, EPA estimates that, each year, five percent of interim status units subject to Subpart BB will decide to implement the alternative standard specified in §265.1062(b)(2) or (b)(3). Therefore, approximately five units will be required to prepare notification to implement the alternate valve standard specified in §§ 265.1062(b)(2) or (b)(3).

(5) Non-Hazardous Waste Documentation

Based on previous experience, EPA estimates that ten percent of existing interim status units with equipment subject to Subpart BB (approximately 11 units) will use knowledge to determine that each piece of equipment does or does not contain hazardous waste with organic concentration that equals or exceeds ten percent waste. EPA estimates that units will make these determinations four times per year. Therefore, 11 units will be required to prepare non-hazardous waste documentation four times per year.

O&M costs for this activity include one-time contractor fees associated with analyzing the waste.

(6) Unit Operating Record

All interim status units subject to Subpart BB are required to maintain a unit operating record. The contents of the operating record will vary according to unit-specific circumstances. A discussion of the respondent burden for each data item is presented below:

C Equipment Record

This ICR assumes that existing interim status units with equipment subject to Subpart BB have already prepared an equipment record. Therefore, zero units will be required to prepare an equipment record.

EPA estimates that all interim status units (108 units) will reassess, file, and maintain their equipment record, and 30 percent (approximately 32 units) will modify it annually.

C Implementation Schedule

This ICR assumes that existing interim status units with equipment subject to Subpart BB have already prepared an implementation schedule. Therefore, zero units will be required to prepare an implementation schedule.

EPA estimates that all interim status units (108 units) will reassess, file, and maintain their implementation schedule, and 30 percent (approximately 32 units) will modify it annually.

C Performance Test Plan

This ICR assumes that existing interim status units using test data to demonstrate the organic removal efficiency or total organic compound concentration achieved by the control device have already

prepared a performance test plan. Therefore, approximately zero units will be required to prepare a performance test plan.

EPA estimates that all interim status units using test data to demonstrate the organic removal efficiency or total organic compound concentration achieved by the control device (approximately 11 units) will reassess, file, and maintain their performance test plan, and 30 percent (approximately three units) will modify it annually.

C Documentation of Compliance with §265.1060

This ICR assumes that existing interim status units subject to Subpart BB have already prepared a documentation of compliance. Therefore, EPA estimates that zero units will be required to prepare §265.1060 compliance documentation.

EPA estimates that all interim status units (108 units) will reassess, file, and maintain their §265.1060 compliance documentation, and 30 percent (approximately 32 units) will modify it annually.

C Leak Inspection Log

EPA estimates that all 108 interim status units will be required to prepare and maintain a leak inspection log. All interim status units will be required to reassess and modify their leak inspection log.

C Design, Monitoring, Operation, and Inspection Information

This ICR assumes that existing interim status units with equipment subject to Subpart BB have already prepared design, monitoring, and inspection information for each closed-vent system and control device. Therefore zero units will be required to prepare design, monitoring, operation, and inspection information.

EPA estimates that all interim status units with closed-vent systems and control devices (approximately 108 units) will reassess, file, and maintain control device operation documentation, and 30 percent (approximately 32 units) will modify it annually.

C Monitoring and Inspection Information for Other Control Devices

Based on previous experience, EPA estimates that one percent of existing interim status units with equipment subject to Subpart BB (approximately one unit) has a control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system. In addition, EPA assumes that existing interim status units with other types of control devices have already prepared monitoring and inspection information for each control device. Therefore zero units will be required to prepare monitoring and inspection information for other types of control devices.

EPA estimates that all interim status units with other types of control devices (approximately one unit) will reassess, file, and maintain control device operation documentation, and 30 percent (approximately zero units) will modify it annually.

C Equipment Log

This ICR assumes that existing interim status units subject to Subpart BB have already prepared an equipment log. Therefore, zero units will be required to prepare an equipment log.

EPA estimates that all interim status units (108 units) will reassess, file, and maintain their equipment log annually, and 30 percent (approximately 32 units) will modify it annually.

C Valve Log for Valves Subject to §265.1057(g) and (h)

This ICR assumes that existing interim status units with valves subject to §265.1057(g) and (h) have already prepared a valve log. Therefore zero units will be required to prepare a valve log.

EPA estimates that all interim status units with valves subject to §265.1057(g) and (h) (approximately 27 units) will reassess, file, and maintain their valve log annually, and 30 percent (approximately 8 units) will modify it annually.

C Valve Log for Valves Subject to §265.1062

This ICR assumes that existing interim status units with valves subject to §265.1062 have already prepared a valve log. Therefore, zero units will be required to prepare a valve log.

EPA estimates that all interim status units with valves subject to §265.1062 (approximately 5 units) will reassess, file, and maintain their valve log, and 30 percent (approximately 2 units) will modify it annually.

C Criteria Log

This ICR assumes that existing interim status units subject to Subpart BB have already prepared a criteria log documenting information required in §§ 265.1052(d)(5)(ii) and 265.1053(e)(2) for pumps in light liquid service and compressors. Therefore, zero units will be required to prepare a criteria log.

EPA estimates that all interim status units with equipment subject to §§ 265.1052(d)(5)(ii) and 265.1053(e)(2) (108 units) will reassess, file, and maintain their criteria log and 30 percent (approximately 32 units) will modify it annually.

C Exemption Log

This ICR assumes that existing interim status units potentially subject to Subpart BB have already documented information determining applicability of Subpart BB to their unit's equipment. Therefore, zero units will be required to prepare this documentation. EPA estimates that all interim status units (108 units) will reassess, file, and maintain this documentation, and 30 percent (approximately 32 units) will modify it annually.

Permitted units:

EPA estimates that, currently, 1,365 permitted units are subject to 40 CFR Part 264, Subpart BB. EPA further estimates that, annually, 33 interim status and 11 new units will become final permitted and thus enter the permitted universe during the period covered by this ICR, for a total of 44 newly permitted units. Therefore, the total universe of permitted units with equipment leaks subject to Subpart BB is 1,409 (i.e., $1,365 + 33 + 11 = 1,409$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (44 units).

(2) Notification to implement the alternate valve standard specified in §264.1061(a)

Based on previous experience, EPA estimates that, each year, 20 percent of permitted units subject to Subpart BB will decide to implement the alternative standard specified in §264.1061(a). Therefore, 282 units will be required to prepare notification to implement the alternate valve standard specified in §264.1061(a).

(3) Notification to discontinue implementing the alternative valve standard specified in §264.1061(a)

Based on previous experience, EPA estimates that 282 permitted units subject to Subpart BB have implemented the alternative standard for valves specified in §264.1061(a) and one percent of these units will discontinue using the alternative standard each year. Therefore, three units will be required to prepare notification to discontinue implementing the alternate valve standard specified in §264.1061(a).

(4) Notification to implement the alternative valve standard specified in §264.1062(b)(2), or (b)(3)

Based on previous experience, EPA estimates that, each year, five percent of permitted units subject to Subpart BB will decide to implement the alternative standard specified in §264.1062(b)(2) or (b)(3). Therefore, 70 units will be required to prepare notification to implement the alternate valve standard specified in §264.1062(b)(2) or (b)(3).

(5) Non-Hazardous Waste Documentation

Based on previous experience, EPA estimates that ten percent of the units entering the permitted equipment leak universe (four units) and ten percent of existing permitted units (137 units) with equipment leaks subject to Subpart BB will use knowledge to determine that each piece of equipment does or does not contain hazardous waste with organic concentration that equals or exceeds ten percent waste. EPA estimates that units will make these determinations four times per year. Therefore, 141 units will be required to prepare non-hazardous waste documentation four times per year.

O&M costs for this activity include one-time contractor fees associated with analyzing waste.

(6) Unit Operating Record

All permitted units subject to Subpart BB are required to maintain a unit operating record. The contents of the operating record will vary according to unit-specific circumstances. A discussion of the respondent burden for each data item is presented below:

Ⓒ Equipment Record

This ICR assumes that existing permitted units with equipment subject to Subpart BB have already prepared an equipment record. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already prepared an equipment record; however, new units will have to perform the activity. Therefore, 11 units will be required to prepare this documentation.

EPA estimates that all permitted units (1,409 units) will reassess, file, and maintain their equipment record, and 10 percent (approximately 141 units) will modify it annually.

Ⓒ Implementation Schedule

This ICR assumes that existing permitted units with equipment subject to Subpart BB have already prepared an implementation schedule. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already prepared an implementation schedule; however, new units will have to perform the activity. Therefore, 11 units entering the permitted equipment leak universe will be required to prepare an implementation schedule.

EPA estimates that all permitted units (1,409 units) will reassess, file, and maintain their implementation schedule, and 10 percent (approximately 141 units) will modify it annually.

Ⓒ Performance Test Plan

This ICR assumes that existing permitted units using test data to demonstrate the organic removal efficiency or total organic compound concentration achieved by the control device have already prepared a performance test plan. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already prepared a performance test plan; however, new units will have to perform the activity. EPA anticipates that 20 percent of the new units entering the permitted universe (two units) entering the permitted equipment leak universe will be required to prepare a performance test plan.

EPA estimates that all permitted units using test data to demonstrate the organic removal efficiency or total organic compound concentration achieved by the control device (approximately 282 units) will reassess, file, and maintain their performance test plan, and 10 percent (approximately 28 units) will modify it annually.

Ⓒ Documentation of Compliance with §264.1060

This ICR assumes that existing permitted units subject to Subpart BB have already prepared a documentation of compliance. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already prepared a documentation of compliance with §264.1060

under interim status; however, new units will have to perform the activity. Therefore, 11 permitted units will be required to prepare this documentation.

EPA estimates that all permitted units (1,409 units) will reassess, file, and maintain their §264.1060 compliance documentation, and 10 percent (approximately 141 units) will modify it annually.

C Leak Inspection Log

EPA estimates that all permitted units subject to Subpart BB (1,409 units) will have equipment leaks during the period covered by this ICR. Therefore, all 1,409 permitted units will be required to prepare and maintain a leak inspection log. All permitted units will be required to reassess and modify their inspection log.

C Design, monitoring, operation, and inspection information

This ICR assumes that existing permitted units with equipment subject to Subpart BB have already prepared design, monitoring, and inspection information for each closed-vent system and control device. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already prepared this documentation; however, new units will have to perform the activity. Therefore, 11 permitted units will be required to prepare compliance documentation.

EPA estimates that all permitted units with closed-vent systems and control devices (approximately 1,409 units) will reassess, file, and maintain control device operation documentation, and 10 percent (approximately 141 units) will modify it annually.

C Monitoring and Inspection Information for Other Control Devices

Based on previous experience, EPA estimates that one percent of existing permitted units (approximately 14 units) and one percent of newly permitted units (approximately zero unit) with equipment subject to Subpart BB will have a control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system. In addition, EPA assumes that existing permitted units with other types of control devices have already prepared monitoring and inspection information for each control device. Therefore zero units will be required to prepare monitoring and inspection information for other types of control devices.

EPA estimates that all permitted units with other types of control devices (approximately 14 units) will reassess, file, and maintain control device operation documentation, and 30 percent (approximately four units) will modify it annually.

C Equipment Log

This ICR assumes that existing permitted units with equipment subject to Subpart BB have already prepared an equipment log. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already prepared an equipment log; however, new units will have to perform the activity. Therefore, 11 permitted units will be required to prepare this documentation.

EPA estimates that all permitted units (1,409 units) will reassess, file, and maintain their equipment log, and 10 percent (approximately 141 units) will modify it annually.

C Valve Log for Valves Subject to §264.1057(g) and (h)

This ICR assumes that existing permitted units with valves subject to §264.1057(g) and (h) have already prepared a valve log. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already prepared this documentation; however, new units will have to perform the activity. EPA estimates that 25 percent of newly permitted units (three units) will be required to prepare a valve log for valves subject to §264.1057(g) and (h).

EPA estimates that all permitted units with valves subject to §264.1057(g) and (h) (approximately 25 percent of all permitted units or 352 units) will reassess, file, and maintain their valve log, and 10 percent (approximately 35 units) will modify it annually.

C Valve Log for Valves Subject to §264.1062

This ICR assumes that existing permitted units with valves subject to §264.1062 have already prepared a valve log. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already prepared this documentation; however, new units will have to perform the activity. Therefore, EPA believes that five percent of new units entering the permitted universe (approximately one unit) will be required to prepare this a valve log for valves subject to §264.1062.

EPA estimates that all permitted units with valves subject to §264.1062 (approximately 70 units) will reassess, file, and maintain their valve log, and 10 percent (approximately seven units) will modify it annually.

C Criteria Log

This ICR assumes that existing permitted units subject to Subpart BB have already prepared a criteria log documenting information required in §§ 264.1052(d)(5)(ii) and 264.1053(e)(2) for pumps in light liquid service and compressors. EPA further estimates that units entering the permitted universe from interim status universe that have pumps in light liquid service only, compressors only, and both pumps in light liquid service and compressors will have prepared a criteria log under interim status; however, new units will have to perform the activity. Therefore, 11 permitted units will be required to prepare a criteria log.

EPA estimates that all permitted units with equipment subject to §§ 264.1052(d)(5)(ii) and 264.1053(e)(2) (1,409 units) will reassess, file, and maintain their criteria log, and 10 percent (approximately 141 units) will modify it annually.

C Exemption Log

This ICR assumes that existing permitted units potentially subject to Subpart BB have already documented information determining applicability of Subpart BB to their unit's equipment. EPA further estimates that units entering the permitted equipment leak universe from interim status will have already

prepared this documentation; however, new units will have to perform the activity. Therefore, 11 permitted units will be required to prepare this documentation.

EPA estimates that all permitted units (1,409 units) will reassess, file, and maintain this documentation, and 10 percent (approximately 141 units) will modify it annually.

(7) Semiannual Report of Control Device Monitoring Events

Based on previous experience, EPA estimates that ten percent of the units entering the permitted equipment leak universe (four units) and 60 percent of existing permitted units (819 units) will have control devices that have exceeded or operated outside design specifications or have flares with visible emissions. Therefore, approximately 823 permitted units will be required to submit a semiannual report.

CONTAINMENT BUILDINGS

Interim status units:

EPA estimates that 13 interim status units are subject to 40 CFR Part 265, Subpart DD.

(1) Read the Regulations

EPA assumes that owners and operators of existing interim status units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Notification

Since this provision expired on February 18, 1993, no new notifications will be submitted.

(3) Demonstration that unit meets the standards of Subpart DD

Because EPA estimates that no units will enter the interim status universe, zero units will demonstrate that the unit substantially meets standards of Subpart DD in order to delay the secondary containment requirement (§265.1101(b)).

(4) Certification and Response Procedures

Because EPA estimates that no units will enter the interim status universe, zero units will need to obtain a professional engineer's certification and place it in the unit's operating record. In addition, EPA estimates that 25 percent of interim status units (three units) will detect leaks or spills from containment buildings. Thus, three units will collect information associated with leaks or spills from containment buildings. EPA estimates that all interim status units will inspect and record in the facility's operating record, at least once every seven days, data specified in §265.1101.

O&M costs for this activity include one-time contractor fees associated with obtaining a certification by a registered engineer that the containment building meets the requirements of Section 265.1101(a)-(c).

EXHIBIT 12
EQUIPMENT LEAKS - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Equipment Leaks - Interim Status										
Read the Regulations										
Read the regulations	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	0	0.00	\$0.00
Notification to Implement the alternative valve standard in 265.1061(a) (265.1061(b)(1))										
Prepare notification	0.00	0.25	1.00	0.25	1.50	\$77.73	\$0.00	22	33.00	\$1,710.01
Submit notification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	22	11.00	\$333.19
Notification to discontinue alternative valve standard in 265.1061(a) (265.1061(d))										
Prepare notification	0.00	0.25	1.00	0.25	1.50	\$77.73	\$0.00	0	0.00	\$0.00
Submit notification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	0	0.00	\$0.00
Notification to implement the alternative valve standard in 265.1062(b)(2) and (3) (265.1062(e)(2))										
Prepare notification	0.00	0.25	1.00	0.25	1.50	\$77.73	\$0.00	5	7.50	\$388.64
Submit notification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	5	2.50	\$75.73
Non-hazardous waste documentation (265.1063(d)(3))										
Gather production process, waste generation, and specification analysis (4 times annually)	0.00	0.00	16.00	0.00	16.00	\$869.28	\$800.00	11	176.00	\$18,362.08
Document production process, waste generation and specification analysis (4 times annually)	0.00	0.00	16.00	0.00	16.00	\$869.28	\$0.00	11	176.00	\$9,562.08
Maintain documentation at the facility (4 times annually)	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	11	22.00	\$534.38
Facility operating record: Equipment record (265.1064(b)(1))										
Prepare equipment record	0.00	0.00	6.00	1.00	7.00	\$350.27	\$0.00	0	0.00	\$0.00
Reassess equipment record	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	108	216.00	\$11,735.28
File and maintain equipment record	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	108	54.00	\$1,311.66
Modify equipment record	0.00	0.00	0.00	0.00	0.00	\$217.32	\$0.00	32	128.00	\$6,954.24
Facility operating record: Implementation schedule (265.1064(b)(2))										
Prepare implementation schedule	0.00	0.50	2.00	0.50	3.00	\$155.46	\$0.00	0	0.00	\$0.00
Reassess implementation schedule	0.00	0.00	1.00	0.00	1.00	\$54.33	\$0.00	108	108.00	\$5,867.64
File and maintain schedule	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	108	54.00	\$1,311.66
Modify implementation schedule	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	32	128.00	\$6,954.24
Facility operating record: Performance test plan (265.1064(b)(3))										
Prepare performance test plan	0.00	1.00	16.00	2.00	19.00	\$987.16	\$0.00	0	0.00	\$0.00
Reassess performance test plan	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	11	44.00	\$2,390.52
File and maintain plan	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	11	5.50	\$133.60
Modify performance test plan	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	3	12.00	\$651.96
Facility operating record: Documentation of compliance with 265.1060 (265.1064(b)(4))										
Prepare documentation	0.00	1.00	16.00	2.00	19.00	\$987.16	\$0.00	0	0.00	\$0.00
Reassess documentation	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	108	432.00	\$23,470.56
File and maintain documentation	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	108	54.00	\$1,311.66
Modify documentation	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	32	128.00	\$6,954.24
Facility operating record: Leak inspection log (265.1064(d))										
Prepare a leak inspection log	0.00	0.00	4.00	2.00	6.00	\$265.90	\$0.00	108	648.00	\$28,717.20
Reassess leak inspection log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	108	216.00	\$11,735.28
File and maintain leak inspection log	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	108	54.00	\$1,311.66
Modify leak inspection log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	108	432.00	\$23,470.56
Facility operating record: Design/monitoring/operation/inspection information (265.1064(e))										
Prepare design/monitoring/operation/inspection information	0.00	1.00	16.00	2.00	19.00	\$987.16	\$0.00	0	0.00	\$0.00
Reassess design/monitoring/operation/inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	108	432.00	\$23,470.56
File and maintain design/monitoring/operation/inspection information	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	108	54.00	\$1,311.66
Modify design/monitoring/operation/inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	32	128.00	\$6,954.24

EXHIBIT 12 (CONTINUED)
EQUIPMENT LEAKS - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res-pondents	Total Hours/ Year	Total Cost/ Year
Facility operating record: Monitoring and inspection information for other control devices (265.1064(f))										
Prepare monitoring and inspection information	0.00	1.00	16.00	2.00	19.00	\$987.16	\$0.00	0	0.00	\$0.00
Reassess monitoring and inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	1	4.00	\$217.32
File and maintain monitoring and inspection information	0.00	0.00	0.50	0.50	0.50	\$12.15	\$0.00	1	0.50	\$12.15
Modify monitoring and inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	1	4.00	\$217.32
Facility operating record: Equipment log (265.1064(g))										
Prepare an equipment log	0.00	0.00	4.00	2.00	6.00	\$265.90	\$0.00	0	0.00	\$0.00
Reassess equipment log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	108	216.00	\$11,735.28
File and maintain an equipment log	0.00	0.00	0.50	0.50	0.50	\$12.15	\$0.00	108	54.00	\$1,311.66
Modify equipment log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	32	128.00	\$6,954.24
Facility operating record: Valve log for all valves subject to 265.1057(g) and (h) (265.1064(h))										
Prepare valve log	0.00	0.00	6.00	2.00	8.00	\$374.56	\$0.00	0	0.00	\$0.00
Reassess valve log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	27	54.00	\$2,933.82
File and maintain valve log	0.00	0.00	0.50	0.50	0.50	\$12.15	\$0.00	27	13.50	\$327.92
Modify valve log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	8	32.00	\$1,738.56
Facility operating record: Valve log for all valves subject to 265.1062 (265.1064(i))										
Prepare valve log	0.00	0.00	6.00	2.00	8.00	\$374.56	\$0.00	0	0.00	\$0.00
Reassess valve log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	5	10.00	\$543.30
File and maintain valve log	0.00	0.00	0.50	0.50	0.50	\$12.15	\$0.00	5	2.50	\$60.73
Modify valve log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	2	8.00	\$434.64
Facility operating record: Criteria log (265.1064(j))										
Prepare criteria log	0.00	0.00	4.00	2.00	6.00	\$265.90	\$0.00	0	0.00	\$0.00
Reassess criteria log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	108	216.00	\$11,735.28
File and maintain criteria log	0.00	0.00	0.50	0.50	0.50	\$12.15	\$0.00	108	54.00	\$1,311.66
Modify criteria log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	32	128.00	\$6,954.24
Facility operating record: Exemption log (265.1064(k))										
Prepare exemption log	0.00	0.00	4.00	1.00	5.00	\$241.61	\$0.00	0	0.00	\$0.00
Reassess exemption log	0.00	0.00	1.00	0.00	1.00	\$54.33	\$0.00	108	108.00	\$5,867.64
File and maintain exemption log	0.00	0.00	0.50	0.50	0.50	\$12.15	\$0.00	108	54.00	\$1,311.66
Modify exemption log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	32	128.00	\$6,954.24
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	4,970.00	\$257,606.16

EXHIBIT 12 (CONTINUED)
EQUIPMENT LEAKS - PERMITTED
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Equipment Leaks - Permitted										
Read the Regulations										
Read the regulations	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	44	176.00	\$9,562.08
Notification to implement the alternative valve standard in 264.1061(a) (264.1061(b)(1))										
Prepare notification	0.00	0.25	1.00	0.25	1.50	\$77.73	\$0.00	282	423.00	\$21,919.16
Submit notification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	282	141.00	\$4,270.89
Notification to discontinue alternative valve standard in 264.1061(a) (264.1061(d))										
Prepare notification	0.00	0.25	1.00	0.25	1.50	\$77.73	\$0.00	3	4.50	\$233.18
Submit notification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	3	1.50	\$45.44
Notification to implement alternative valve standard (264.1062(b)(2) and (3) (264.1062(e)(2))										
Prepare notification	0.00	0.25	1.00	0.25	1.50	\$77.73	\$0.00	70	105.00	\$5,440.93
Submit notification to the Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	70	35.00	\$1,060.15
Non-hazardous waste documentation (264.1063(d)(3))										
Gather production process, waste generation and specification analysis (4 times annually)	0.00	0.00	16.00	0.00	16.00	\$869.28	\$900.00	141	2,256.00	\$235,368.48
Document production process, waste generation and specification analysis (4 times annually)	0.00	0.00	16.00	0.00	16.00	\$869.28	\$0.00	141	2,256.00	\$122,568.48
Maintain documentation at the facility (4 times annually)	0.00	0.00	0.00	2.00	2.00	\$48.58	\$0.00	141	282.00	\$6,849.78
Facility Operating Record: Equipment record (264.1064(b)(1))										
Prepare equipment record	0.00	0.00	6.00	1.00	7.00	\$350.27	\$0.00	11	77.00	\$3,852.97
Reassess equipment record	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	1,409	2,818.00	\$153,101.94
File and maintain equipment record	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	1,409	704.50	\$17,112.31
Modify equipment record	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	141	564.00	\$30,642.12
Facility Operating Record: Implementation schedule (264.1064(b)(2))										
Prepare implementation schedule	0.00	0.50	2.00	0.50	3.00	\$155.46	\$0.00	11	33.00	\$1,710.01
Reassess implementation schedule	0.00	0.00	1.00	0.00	1.00	\$54.33	\$0.00	1,409	1,409.00	\$76,550.97
File and maintain schedule	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	1,409	704.50	\$17,112.31
Modify implementation schedule	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	141	564.00	\$30,642.12
Facility Operating Record: Performance test plan (264.1064(b)(3))										
Prepare performance test plan	0.00	1.00	16.00	2.00	19.00	\$987.16	\$0.00	2	38.00	\$1,974.32
Reassess performance test plan	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	282	1,128.00	\$61,284.24
File and maintain performance test plan	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	282	141.00	\$3,424.89
Modify performance test plan	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	28	112.00	\$6,084.96
Facility Operating Record: Documentation of compliance with 264.1060 (264.1064(b)(4))										
Prepare documentation	0.00	1.00	16.00	2.00	19.00	\$987.16	\$0.00	11	209.00	\$10,858.76
Reassess documentation	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	1,409	5,636.00	\$306,203.88
File and maintain documentation	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	1,409	704.50	\$17,112.31
Modify documentation	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	141	564.00	\$30,642.12
Facility Operating Record: Leak inspection log (264.1064(d))										
Prepare a leak inspection log	0.00	0.00	4.00	2.00	6.00	\$265.90	\$0.00	1,409	8,454.00	\$374,653.10
Reassess leak inspection log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	1,409	2,818.00	\$153,101.94
File and maintain leak inspection log	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	1,409	704.50	\$17,112.31
Modify leak inspection log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	1,409	5,636.00	\$306,203.88
Facility Operating Record: Design/monitoring/operation/inspection information (264.1064(e))										
Prepare design/monitoring/operation/inspection information	0.00	1.00	16.00	2.00	19.00	\$987.16	\$0.00	11	209.00	\$10,858.76
Reassess design/monitoring/operation/inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	1,409	5,636.00	\$306,203.88
File and maintain design/monitoring/operation/inspection information	0.00	0.00	0.50	0.50	1.00	\$12.15	\$0.00	1,409	704.50	\$17,112.31
Modify design/monitoring/operation/inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	141	564.00	\$30,642.12

EXHIBIT 12 (CONTINUED)
EQUIPMENT LEAKS - PERMITTED
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res-pondents	Total Hours/ Year	Total Cost/ Year
Facility operating record: Monitoring and inspection information for other control devices (264.1064(f))										
Prepare monitoring and inspection information	0.00	1.00	16.00	2.00	19.00	\$987.16	\$0.00	0	0.00	\$0.00
Reassess monitoring and inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	14	56.00	\$3,042.48
File and maintain monitoring and inspection information	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	14	7.00	\$170.03
Modify monitoring and inspection information	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	4	16.00	\$869.28
Facility Operating Record: Equipment log (264.1064(g))										
Prepare an equipment log	0.00	0.00	4.00	2.00	6.00	\$265.90	\$0.00	11	66.00	\$2,924.90
Reassess equipment log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	1,409	2,818.00	\$153,101.94
File and maintain an equipment log	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	1,409	704.50	\$17,112.31
Modify equipment log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	141	564.00	\$30,642.12
Facility Operating Record: Valve log for all valves subject to 264.1057(g) and (h) (264.1064(h))										
Prepare valve log	0.00	0.00	6.00	2.00	8.00	\$374.56	\$0.00	3	24.00	\$1,123.68
Reassess valve log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	352	704.00	\$38,248.32
File and maintain valve log	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	352	176.00	\$4,275.04
Modify valve log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	35	140.00	\$7,606.20
Facility Operating Record: Valve log for all valves subject to 264.1062 (264.1064(i))										
Prepare valve log	0.00	0.00	6.00	2.00	8.00	\$374.56	\$0.00	1	8.00	\$374.56
Reassess valve log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	70	140.00	\$7,606.20
File and maintain valve log	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	70	35.00	\$850.15
Modify valve log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	7	28.00	\$1,521.24
Facility Operating Record: Criteria log (264.1064(j))										
Prepare criteria log	0.00	0.00	4.00	2.00	6.00	\$265.90	\$0.00	11	66.00	\$2,924.90
Reassess criteria log	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	1,409	2,818.00	\$153,101.94
File and maintain criteria log	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	1,409	704.50	\$17,112.31
Modify criteria log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	141	564.00	\$30,642.12
Facility Operating Record: Exemption log (264.1064(k))										
Prepare exemption log	0.00	0.00	4.00	1.00	5.00	\$241.61	\$0.00	11	55.00	\$2,657.71
Reassess exemption log	0.00	0.00	1.00	0.00	1.00	\$54.33	\$0.00	1,409	1,409.00	\$76,550.97
File and maintain exemption log	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	1,409	704.50	\$17,112.31
Modify exemption log	0.00	0.00	4.00	0.00	4.00	\$217.32	\$0.00	141	564.00	\$30,642.12
Semiannual Report of Control Device Monitoring Events (264.1065)										
Prepare semiannual report	0.00	1.00	6.00	2.00	9.00	\$443.86	\$0.00	823	7,407.00	\$365,296.78
Submit semiannual report to Region	0.00	0.00	0.00	0.50	0.50	\$12.15	\$3.00	823	411.50	\$12,464.34
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	66,002.50	\$3,369,490.99
GRAND TOTAL	varies	varies	varies	varies	varies	varies	varies	varies	70,972.50	\$3,627,097.15

(5) Operating Procedures for Areas without Secondary Containment

EPA estimates that 50 percent of the interim status units (approximately seven units) will maintain in the unit log a written description of operating procedures used to maintain the integrity of areas without secondary containment, as specified in §265.1101(d)(3).

(6) Demonstration for Exemption from Secondary Containment Requirements

EPA estimates that 50 percent of the interim status units (approximately seven units) will demonstrate that the only free liquids in the containment building are limited amounts of dust suppression liquids in order to obtain a waiver from the secondary containment requirements under §265.1101(e).

O&M costs for this activity include one-time fees associated with contractor services in preparing a demonstration that the only free liquids in the unit are limited to amounts of dust suppression liquid.

Permitted units:

EPA estimates that, currently, 17 permitted units are subject to 40 CFR Part 264, Subpart DD. EPA further estimates that, each year, four interim status units will obtain permitted status during the period covered in this ICR. Therefore, the total universe of permitted units with containment buildings subject to Subpart DD is 21 (i.e., $17 + 4 = 21$).

(1) Read the Regulations

EPA assumes that owners and operators of existing permitted units have already read the regulations. Thus, EPA estimates that only interim status units entering the permitted universe and new units will have to read the regulations (four units).

(2) Notification

Since this provision expired on February 18, 1993, no new notifications will be submitted.

(3) Demonstration that unit meets the standards of Subpart DD

EPA estimates that 10 percent of the newly permitted units with containment buildings (approximately zero units) will demonstrate that the unit substantially meets standards of Subpart DD in order to delay the secondary containment requirement (§264.1101(b)).

(4) Certification and Response Procedures

EPA expects that all newly permitted units (four units) will have to obtain and place a professional engineer's certification in the unit's operating record. EPA also estimates that, each year, 25 percent of the universe (approximately five units) will detect leaks or spills from containment buildings. These units will have to record the spill, schedule necessary repairs and cleanup, and notify EPA. EPA expects all 21 units to inspect and record data weekly.

EXHIBIT 13
CONTAINMENT BUILDINGS - INTERIM STATUS
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/Year	Labor Cost/Year	O&M Cost	Number of Respondents	Total Hours/Year	Total Cost/Year
Containment Buildings - Interim Status										
Regulations										
Read the Regulations Notification (265.1100)	0.00	1.25	5.00	0.00	6.25	\$358.28	\$0.00	0	0.00	\$0.00
Notify EPA of intent to be bound by the regulations earlier than as specified in section (265.1100)	0.00	0.25	0.00	0.25	0.50	\$23.40	\$3.00	0	0.00	\$0.00
Demonstration that unit meets the standards of Subpart DD (265.1101(b))										
Demonstrate that the unit substantially meets standards of Subpart DD, if the owner or operator wants the secondary containment requirement to be delayed	1.00	1.00	16.00	0.50	18.50	\$1,040.73	\$3.00	0	0.00	\$0.00
Certification and Response Procedures (265.1101(c))										
Obtain and place a professional engineer certification into the facility's operating record	0.00	0.00	4.00	0.25	4.25	\$223.39	\$340.00	0	0.00	\$0.00
Enter a record of the discovery in the facility operating record	0.00	0.25	0.50	0.00	0.75	\$44.49	\$0.00	3	2.25	\$133.47
Establish a schedule of accomplishing the cleanup and repairs	0.00	0.25	0.50	0.00	0.75	\$44.49	\$0.00	3	2.25	\$133.47
Notify EPA of the condition within 7 days of discovery of the condition	0.00	0.00	0.50	0.00	0.50	\$27.17	\$3.00	3	1.50	\$90.50
Provide within 14 days written notice and schedule for cleanup to EPA	0.00	0.00	0.50	0.25	0.75	\$33.24	\$3.00	3	2.25	\$108.71
Notify EPA and verify in writing that cleanup and repairs have been completed	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	3	2.25	\$131.17
Inspect and record in the facility's operating record, at least once every 7 days, data specified in (265.1101)	0.00	0.00	26.00	0.00	26.00	\$1,412.58	\$0.00	13	338.00	\$18,363.54
Operating Procedures for Areas without Secondary Containment (265.110(d)(3))										
Maintain in the facility log a written description of operating procedures used to maintain the integrity of areas without secondary containment	0.00	0.00	1.00	0.25	1.25	\$60.40	\$0.00	7	8.75	\$422.82
Demonstration for Exemption from Secondary Containment Requirements (265.1101(e))										
Demonstrate that the only free liquids in the unit are limited amounts of dust suppression liquids, if the owner/operator wants a waiver from the secondary containment requirements	1.00	1.00	2.00	0.50	4.50	\$280.11	\$1,500.00	7	31.50	\$12,460.74
SUBTOTAL	varies	varies	varies	varies	varies	varies	varies	varies	388.75	\$51,844.41

EXHIBIT 13 (CONTINUED)
CONTAINMENT BUILDINGS - PERMITTED
ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Res-pondents	Total Hours Per Year	Total Cost Per Year
Containment Buildings - Permitted										
Regulations										
Read the Regulations	0.00	1.25	5.00	0.00	6.25	\$358.28	\$0.00	4	25.00	\$1,433.10
Notification (264.1100)										
Notify EPA of intent to be bound by the regulations earlier than as specified in section (264.1100)	0.00	0.25	0.00	0.25	0.50	\$23.40	\$3.00	0	0.00	\$0.00
Demonstration that unit meets the standards of Subpart DD (264.1101(b))										
Demonstrate that the unit substantially meets standards of Subpart DD, if the owner or operator wants the secondary containment requirement to be delayed	1.00	1.00	16.00	0.50	18.50	\$1,040.73	\$3.00	0	0.00	\$0.00
Certification and Response Procedures (264.1101(c))										
Obtain and place a professional engineer certification into the facility's operating record	0.00	0.00	4.00	0.25	4.25	\$223.39	\$340.00	4	17.00	\$2,253.57
Enter a record of the discovery in the facility operating record	0.00	0.00	0.50	0.00	0.50	\$27.17	\$0.00	5	2.50	\$135.83
Establish a schedule of accomplishing the cleanup and repairs	0.00	0.25	0.50	0.00	0.75	\$44.49	\$0.00	5	3.75	\$222.45
Notify EPA of the condition within 7 days of discovery of the condition	0.00	0.00	0.50	0.00	0.50	\$27.17	\$3.00	5	2.50	\$150.83
Provide within 14 days written notice and schedule for cleanup to EPA	0.00	0.00	0.50	0.25	0.75	\$33.24	\$3.00	5	3.75	\$181.19
Notify EPA and verify in writing that cleanup and repairs have been completed	0.00	0.50	0.00	0.25	0.75	\$40.72	\$3.00	5	3.75	\$218.61
Inspect and record in the facility's operating record, at least once every 7 days, data specified in (264.1101)	0.00	0.00	26.00	0.00	26.00	\$1,412.58	\$0.00	21	546.00	\$29,664.18
Recordkeeping Requirement (264.1101(d)(3))										
Maintain in the facility log a written description of operating procedures used to maintain the integrity of areas without secondary containment	0.00	0.00	1.00	0.25	1.25	\$60.40	\$0.00	11	13.75	\$664.43
Exemption Demonstration (264.1101(e))										
Demonstrate that the only free liquids in the unit are limited amounts from the secondary containment requirements	1.00	1.00	2.00	0.50	4.50	\$280.11	\$1,500.00	11	49.50	\$19,581.16
SUBTOTAL										
	varies	varies	varies	varies	varies	varies	varies	varies	667.50	\$54,505.33
GRAND TOTAL										
	varies	varies	varies	varies	varies	varies	varies	varies	1,056.25	\$86,349.74

O&M costs for this activity include one-time fees associated with obtaining a certification by a registered engineer that the containment building meets the requirements of Section 265.1101(a)-(c).

(5) Operating Procedures for Areas without Secondary Containment

EPA estimates that 50 percent of the permitted containment buildings (approximately 11 units) will maintain in the unit log a written description of operating procedures used to maintain the integrity of areas without secondary containment, as specified in §264.1101(d)(3).

(6) Demonstration for Exemption from Secondary Containment Requirements

EPA estimates that 50 percent of the permitted units (approximately 11 units) will demonstrate that the only free liquids in the containment building are limited amounts of dust suppression liquids in order to obtain a waiver from the secondary containment requirements under §264.1101(e).

O&M costs for this activity include one-time fees associated with contractor services in preparing a demonstration that the only free liquids in the unit are limited to amounts of dust suppression liquid.

SPECIFIC HAZARDOUS WASTE RECOVERY/RECYCLING UNITS

(1) Read the Regulations

EPA assumes that owners and operators of existing recovery/recycling units have already read the regulations. Thus, EPA estimates that there is no burden associated with this activity.

(2) Recyclable materials utilized for precious metal recovery

EPA estimates that 21 units store recycled materials regulated under 40 CFR Part 266, Subpart F. Therefore, 21 units will be required to keep records showing that they are not accumulating the materials speculatively.

6(e) BOTTOM LINE BURDEN HOURS AND COSTS

Respondent and Agency bottom line burden hours and costs are summarized in this subsection. The bottom line burden hours and cost to respondents and the Agency is based on a three year time-span over which the ICR is effective. Therefore, the bottom line burden hours and cost is the aggregate annual respondent or Agency burden hours and cost figures multiplied by three.

Respondent Tally

Exhibit 15 summarizes the total annual respondent burden and cost associated with all the requirements covered in this ICR. As shown in the exhibit, EPA estimates the annual respondent burden to be 213,987 hours, at an annual cost of \$11,934,785. The bottom line burden to respondents over three years is 641,960 hours, at a cost of \$35,804,356.

Agency Tally

Exhibit 17 summarizes the total annual Agency burden and cost associated with all the requirements covered in this ICR. As shown in the exhibit, EPA estimates the annual Agency burden to be 10,542 hours, at an annual cost of \$316,587. The bottom line burden to the Agency over three years is 31,627 hours, at a cost of \$949,760.

EXHIBIT 14
 SPECIFIC HAZARDOUS WASTE RECOVER/RECYCLING FACILITIES
 ANNUAL RESPONDENT BURDEN/COST ESTIMATES

INFORMATION COLLECTION ACTIVITY	Legal Hours \$90.00/hr	Managerial Hours \$69.30/hr	Technical Hours \$54.33/hr	Clerical Hours \$24.29/hr	Respon. Hours/ Year	Labor Cost/ Year	O&M Cost	Number of Respondents	Total Hours/ Year	Total Cost/ Year
Specific Hazardous Waste Recovery/Recycling Facilities										
Read the Regulations	0.00	0.00	1.00	0.00	1.00	\$54.33	\$0.00	21	21.00	\$1,140.93
Recyclable materials used for precious metal recovery	0.00	0.00	2.00	0.00	2.00	\$108.66	\$0.00	21	42.00	\$2,281.86
Record the information (266.70(c))	0.00	0.00	0.00	0.50	0.50	\$12.15	\$0.00	21	10.50	\$255.05
File and maintain the records	0.00	0.00	3.00	0.50	3.50	\$175.14	\$0.00	21	73.50	\$3,677.84
TOTAL										

EXHIBIT 15
TOTAL ANNUAL RESPONDENT BURDEN AND COST

	Total Hours per Year	Total Capital Cost per Year	Total O&M Cost per Year	Total Labor Cost per Year	Total Cost per Year
SUBPART J: TANK SYSTEMS	81,876	\$0	\$146,682	\$4,377,354	\$4,524,036
SUBPART K: SURFACE IMPOUNDMENTS	6,879	\$0	\$9,117	\$366,926	\$376,043
SUBPART L: WASTE PILES	516	\$0	\$2,500	\$23,035	\$25,535
SUBPART M: LAND TREATMENT	17	\$0	\$3,100	\$796	\$3,896
SUBPART N: LANDFILLS	3,108	\$0	\$137,274	\$145,499	\$282,773
SUBPART O: INCINERATORS	337	\$0	\$3	\$18,308	\$18,311
SUBPART P: THERMAL TREATMENT UNITS	18	\$0	\$0	\$978	\$978
SUBPART Q: CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS	0	\$0	\$0	\$0	\$0
SUBPART W: DRIP PADS	68	\$0	\$3,060	\$3,466	\$6,526
SUBPART X: MISCELLANEOUS UNITS	2	\$0	\$0	\$109	\$109
SUBPART AA: PROCESS VENTS	49,064	\$0	\$480,192	\$2,498,780	\$2,978,972
SUBPART BB: EQUIPMENT LEAKS	70,973	\$0	\$125,215	\$3,501,882	\$3,627,097
SUBPART DD: CONTAINMENT BUILDINGS	1,056	\$0	\$28,432	\$57,918	\$86,350
PART 266: SPECIFIC HAZARDOUS WASTE RECOVERY/ RECYCLING FACILITIES	74	\$0	\$0	\$3,678	\$3,678
PURCHASE OF FILE CABINETS	0	\$482	\$0	\$0	\$482
TOTAL RESPONDENT BURDEN	213,987	\$482	\$935,575	\$10,998,729	\$11,934,785

EXHIBIT 16
ANNUAL AGENCY BURDEN AND COST

	Legal Hours \$67.44/hr	Managerial Hours \$42.80/hr	Technical Hours \$30.03/hr	Clerical Hours \$18.26/hr	Respon. Hours Per Year	Labor Cost Per Year	O&M Costs	Number of Respondent Activities	Total Hours Per Year	Total Cost Per Year
Tank Systems - Interim Status										
Review equivalent containment device information	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Review information submitted for exemption from 24-hour leak detection requirement	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Review information submitted for variance from secondary containment requirements	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Review information submitted for exemption from the 24-hour waste removal requirement	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	11	22.00	\$660.66
Review release notifications and reports	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	64	256.00	\$7,687.68
Review major repair certifications	0.00	0.00	8.00	0.00	8.00	\$240.24	\$0.00	16	128.00	\$3,843.84
Review decontamination demonstrations	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Tank Systems - Permitted										
Review information submitted for exemption from the 24-hour waste removal requirement	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	74	296.00	\$8,888.88
Review release notifications and reports	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	448	1,792.00	\$53,813.76
Review major repair certifications	0.00	0.00	8.00	0.00	8.00	\$240.24	\$0.00	2	16.00	\$480.48
Review decontamination demonstrations	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Surface Impoundments - Interim Status										
Review assessments of alternate design and operating practices	0.00	0.00	16.00	0.00	16.00	\$480.48	\$0.00	0	0.00	\$0.00
Review notifications of intent to receive waste	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	0	0.00	\$0.00
Review and establish action leakage rates	0.00	0.00	10.00	0.00	10.00	\$300.30	\$0.00	0	0.00	\$0.00
Review Response Action Plans	0.00	0.00	20.00	0.00	20.00	\$600.60	\$0.00	0	0.00	\$0.00
Receive and review written action leakage rate exceedance notifications	0.00	0.50	3.50	0.00	4.00	\$126.51	\$0.00	0	0.00	\$0.00
Review leakage reports	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	0	0.00	\$0.00
Enter RAP data into a data base	0.00	0.00	0.00	0.10	0.10	\$1.83	\$0.00	0	0.00	\$0.00
Review information submitted when the ALR is exceeded	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	0	0.00	\$0.00
Review and establish pump operating levels	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0	0.00	\$0.00
Review contingent corrective measures plan	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Review hazardous waste removal plan	0.00	0.00	1.00	0.00	1.00	\$30.03	\$0.00	0	0.00	\$0.00
Review extension request	0.00	0.00	0.50	0.00	0.50	\$15.02	\$0.00	0	0.00	\$0.00
Review corrective action report (2 times annually)	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Surface Impoundments - Permitted										
Receive and review written action leakage rate exceedance notifications	0.00	0.50	3.50	0.00	4.00	\$126.51	\$0.00	1	4.00	\$126.51
Review leakage reports	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	1	10.50	\$321.70
Review notification of surface impoundment removal from service	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	1	2.00	\$60.06
Review contingent corrective measures plan	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Review hazardous waste removal plan	0.00	0.00	1.00	0.00	1.00	\$30.03	\$0.00	0	0.00	\$0.00
Review extension request	0.00	0.00	0.50	0.00	0.50	\$15.02	\$0.00	0	0.00	\$0.00
Review corrective action report (2 times annually)	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Waste Piles - Interim Status										
Review exemptions from design and operating requirements	0.00	0.00	7.00	0.00	7.00	\$210.21	\$0.00	0	0.00	\$0.00
Review exemptions from liner/leachate system requirements	0.00	0.00	7.00	0.00	7.00	\$210.21	\$0.00	0	0.00	\$0.00
Review and establish action leakage rates	0.00	0.00	10.00	0.00	10.00	\$300.30	\$0.00	0	0.00	\$0.00
Review Response Action Plans	0.00	0.00	20.00	0.00	20.00	\$600.60	\$0.00	0	0.00	\$0.00
Receive and review written action leakage rate exceedance notifications	0.00	0.50	3.50	0.00	4.00	\$126.51	\$0.00	0	0.00	\$0.00
Review leakage reports	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	0	0.00	\$0.00
Enter RAP data into a data base	0.00	0.00	0.00	0.10	0.10	\$1.83	\$0.00	0	0.00	\$0.00
Review information submitted when the ALR is exceeded	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	0	0.00	\$0.00
Waste Piles - Permitted										
Receive and review written action leakage rate exceedance notifications	0.00	0.50	3.50	0.00	4.00	\$126.51	\$0.00	0	0.00	\$0.00
Review leakage reports	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	0	0.00	\$0.00
Review information submitted when the ALR is exceeded	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	0	0.00	\$0.00

EXHIBIT 16 (CONTINUED)
ANNUAL AGENCY BURDEN AND COST

	Legal Hours \$67.44/hr	Managerial Hours \$42.80/hr	Technical Hours \$30.03/hr	Clerical Hours \$18.26/hr	Respon. Hours Per Year	Labor Cost Per Year	O&M Costs	Number of Respondent Activities	Total Hours Per Year	Total Cost Per Year
Land-Treatment - Interim Status										
Review food-chain crop notifications	0.00	0.00	1.00	0.00	1.00	\$30.03	\$0.00	0	0.00	\$0.00
Review certifications of closure	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Land Treatment - Permitted										
Review notifications of significant releases of hazardous constituents below the treatment zone	0.00	0.00	1.00	0.00	1.00	\$30.03	\$0.00	1	1.00	\$30.03
Review notifications of intent to demonstrate that regulated unit is not the source of increase in hazardous constituents	0.00	0.00	1.00	0.00	1.00	\$30.03	\$0.00	0	0.00	\$0.00
Review demonstrations that regulated unit is not the source of increase in hazardous constituents below the treatment zone	0.00	0.00	16.00	0.00	16.00	\$480.48	\$0.00	0	0.00	\$0.00
Review (264.260)(d) demonstrations	0.00	0.00	8.00	0.00	8.00	\$240.24	\$0.00	0	0.00	\$0.00
Review closure certifications	0.00	1.00	4.00	0.00	5.00	\$162.92	\$0.00	0	0.00	\$0.00
Landfills - Interim Status										
Review notifications of intent to receive waste	0.00	0.00	1.00	0.00	1.00	\$30.03	\$0.00	0	0.00	\$0.00
Review demonstrations for exemption from liner and leachate collection system requirements	0.00	0.00	16.00	0.00	16.00	\$480.48	\$0.00	0	0.00	\$0.00
Review information for waivers of the double liner requirements	0.00	0.00	4.00	0.00	4.00	\$120.12	\$0.00	0	0.00	\$0.00
Review and establish action leakage rates	0.00	0.00	10.00	0.00	10.00	\$300.30	\$0.00	0	0.00	\$0.00
Review Response Action Plans	0.00	0.00	20.00	0.00	20.00	\$600.60	\$0.00	0	0.00	\$0.00
Receive and review written action leakage rate exceedance notifications	0.00	0.50	3.50	0.00	4.00	\$126.51	\$0.00	0	0.00	\$0.00
Review leakage reports	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	0	0.00	\$0.00
Enter RAP data into a data base	0.00	0.00	0.00	0.10	0.10	\$1.83	\$0.00	0	0.00	\$0.00
Review information submitted when the ALR is exceeded	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	0	0.00	\$0.00
Review and establish pump operating levels	0.00	0.00	7.00	0.00	7.00	\$210.21	\$0.00	0	0.00	\$0.00
Review demonstrations for placing non-hazardous liquid waste in landfills	0.00	0.00	7.00	0.00	7.00	\$210.21	\$0.00	0	0.00	\$0.00
Landfills - Permitted										
Receive and review written action leakage rate exceedance notifications	0.00	0.50	3.50	0.00	4.00	\$126.51	\$0.00	1	4.00	\$126.51
Review leakage reports	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	1	10.50	\$321.70
Review information submitted when the ALR is exceeded	0.00	0.50	10.00	0.00	10.50	\$321.70	\$0.00	1	10.50	\$321.70
Review demonstrations for placing non-hazardous liquid waste in landfills	0.00	0.00	7.00	0.00	7.00	\$210.21	\$0.00	0	0.00	\$0.00
Incinerators - Interim Status										
Review applications for certification to burn F020, F021, F022, F023, F026, and F027	0.00	0.50	20.00	0.00	20.50	\$622.00	\$0.00	0	0.00	\$0.00
Incinerators - Permitted										
Review notifications of intent to burn hazardous wastes F020, F021, F022, F023, F026, and F027	0.00	0.25	1.00	0.00	1.25	\$40.73	\$0.00	0	0.00	\$0.00
Review demonstrations for exemption from emergency waste feed cutoff system testing requirements (264.347(c))	0.00	0.00	16.00	0.00	16.00	\$480.48	\$0.00	1	16.00	\$480.48
Thermal Treatment Units - Interim Status										
Review applications to burn F020, F021, F022, F023, F026, or F027	0.00	0.50	20.00	0.00	20.50	\$622.00	\$0.00	0	0.00	\$0.00
Drip Pads - Interim Status										
Review plan for updating, repairing, and modifying the drip pad	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	0	0.00	\$0.00
Review release notifications and reports	0.00	0.00	1.00	0.00	1.00	\$30.03	\$0.00	0	0.00	\$0.00
Drip Pads - Permitted										
Review plan for updating, repairing, and modifying the drip pad	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	0	0.00	\$0.00
Review release notifications and reports	0.00	0.00	1.00	0.00	1.00	\$30.03	\$0.00	0	0.00	\$0.00
Process Vents - Permitted										
Review semiannual reports	0.00	0.00	8.00	0.00	8.00	\$240.24	\$0.00	64	512.00	\$15,375.36

EXHIBIT 16 (CONTINUED)
ANNUAL AGENCY BURDEN AND COST

	Legal Hours \$67.44/hr	Managerial Hours \$42.80/hr	Technical Hours \$30.03/hr	Clerical Hours \$18.26/hr	Respon. Hours Per Year	Labor Cost Per Year	O&M Costs	Number of Respondent Activities	Total Hours Per Year	Total Cost Per Year
Equipment Leaks - Interim Status										
Review notifications to implement the alternative valve standard in (265.1061)(a)	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	22	44.00	\$1,321.32
Review notifications to discontinue alternative valve standard in (265.1061)(a)	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	0	0.00	\$0.00
Review notifications to implement alternative valve standard in (265.1062)(b)(2) or (265.1062)(b)(3)	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	5	10.00	\$300.30
Equipment Leaks - Permitted										
Review notifications to implement the alternative valve standard in (264.1061)(a)	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	282	564.00	\$16,936.92
Review notifications to discontinue alternative valve standard in (264.1061)(a)	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	3	6.00	\$180.18
Review notifications to implement alternative valve standard in (264.1062)(b)(2) or (264.1062)(b)(3)	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	70	140.00	\$4,204.20
Review semiannual reports	0.00	0.00	8.00	0.00	8.00	\$240.24	\$0.00	823	6,584.00	\$197,717.52
Containment Buildings - Interim Status										
Collect notices of intent to be bound by regulations early	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	0	0.00	\$0.00
Collect written notice of request for delay of secondary containment	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	0	0.00	\$0.00
Review and comment on plans to retrofit unit	0.00	0.50	4.00	0.50	5.00	\$150.65	\$0.00	3	15.00	\$451.95
Review response to comments and approve/disapprove delay	0.00	0.25	2.00	0.25	2.50	\$75.33	\$0.00	3	7.50	\$225.98
Receive notification of release	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	3	0.75	\$22.52
Review written notice, description or remedial steps, and schedule for cleanup	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	3	0.75	\$22.52
Review information and determine if unit must be removed from service	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	3	6.00	\$180.18
Notify owner/operator in writing of determination	0.00	0.00	0.50	0.25	0.75	\$19.58	\$0.00	3	2.25	\$68.74
Review verification of cleanup	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	3	0.75	\$22.52
Review demonstration that free liquids are for dust suppression and approve or disapprove waiver	0.00	0.25	1.00	0.25	1.50	\$45.30	\$0.00	7	10.50	\$317.07
Containment Buildings - Permitted										
Collect notices of intent to be bound by regulations early	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	0	0.00	\$0.00
Collect written notice of request for delay of secondary containment	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	0	0.00	\$0.00
Review and comment on plans to retrofit unit	0.00	0.00	4.00	0.50	4.50	\$129.25	\$0.00	5	22.50	\$646.25
Review response to comments and approve/disapprove delay	0.00	0.50	2.00	0.25	2.75	\$86.03	\$0.00	5	13.75	\$430.13
Receive notification of release	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	5	1.25	\$37.54
Review written notice, description or remedial steps, and schedule for cleanup	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	5	1.25	\$37.54
Review information and determine if unit must be removed from service	0.00	0.00	2.00	0.00	2.00	\$60.06	\$0.00	5	10.00	\$300.30
Notify owner/operator in writing of determination	0.00	0.00	0.50	0.25	0.75	\$19.58	\$0.00	5	3.75	\$97.90
Review verification of cleanup	0.00	0.00	0.25	0.00	0.25	\$7.51	\$0.00	5	1.25	\$37.54
Review demonstration that free liquids are for dust suppression and approve or disapprove waiver	0.00	0.25	1.00	0.25	1.50	\$45.30	\$0.00	11	16.50	\$498.25
TOTAL	0.00	0.00	varies	varies	varies	varies	\$0.00	varies	10,542.25	\$316,586.69

EXHIBIT 17
TOTAL ANNUAL AGENCY BURDEN AND COSTS

	Total Hours per Year	Total Capital Cost per Year	Total O&M Cost per Year	Total Labor Cost per Year	Total Cost per Year
SUBPART J: TANK SYSTEMS	2,510	\$0	\$0	\$75,375	\$75,375
SUBPART K: SURFACE IMPOUNDMENTS	17	\$0	\$0	\$508	\$508
SUBPART L: WASTE PILES	0	\$0	\$0	\$0	\$0
SUBPART M: LAND TREATMENT	1	\$0	\$0	\$30	\$30
SUBPART N: LANDFILLS	25	\$0	\$0	\$770	\$770
SUBPART O: INCINERATORS	16	\$0	\$0	\$480	\$480
SUBPART P: THERMAL TREATMENT UNITS	0	\$0	\$0	\$0	\$0
SUBPART Q: CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT	0	\$0	\$0	\$0	\$0
SUBPART W: DRIP PADS	0	\$0	\$0	\$0	\$0
SUBPART X: MISCELLANEOUS UNITS	0	\$0	\$0	\$0	\$0
SUBPART AA: PROCESS VENTS	512	\$0	\$0	\$15,375	\$15,375
SUBPART BB: EQUIPMENT LEAKS	7,348	\$0	\$0	\$220,660	\$220,660
SUBPART DD: CONTAINMENT BUILDINGS	114	\$0	\$0	\$3,387	\$3,387
PART 266: SPECIFIC HAZARDOUS WASTE RECOVERY/ RECYCLING FACILITIES	0	\$0	\$0	\$0	\$0
TOTAL AGENCY BURDEN	10,542	\$0	\$0	\$316,587	\$316,587

6(f) REASONS FOR CHANGE IN BURDEN

This ICR is an exhaustive description of the total respondent burden for all activities related to specific unit requirements and special waste processes and types. The respondent universe numbers in this ICR are lower than those estimated for the 1996 version of this ICR. Some of this decrease is due to the ongoing consolidation and contraction of the hazardous waste treatment, storage, and disposal industry. In addition, EPA removed all Federal facilities and their associated hazardous waste treatment, storage and disposal units from the universe numbers used in this ICR. Even though federal facilities and their units should have not been included in this ICR because they are not subject to the Paper Reduction Act (PRA), these units were included in the 1996 version of this ICR. However, most of the decrease is due to more accurate RCRIS data. EPA spent considerable time and effort in order to review and validate existing RCRIS data. In doing so, units that are no longer operating or that completed post-closure have been removed.

Because of this revisions, the total bottom-line burden to respondents has decreased over the previous ICR. Whereas the previous ICR estimated a total annual respondent burden of 368,543 hours, this ICR estimates a total annual respondent burden of 213,987 hours. EPA believes that this burden reflects a more accurate portrait of the existing burden of the regulated community.

6(g) BURDEN STATEMENT

Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control numbers for EPA's regulations are listed in 40 CFR part 9 and 48 CFR Chapter 15.

The public reporting burden for each of the requirements covered in this ICR are listed in Exhibit 18.

For tank systems, the public reporting burden is estimated to average six hours per respondent per year. The recordkeeping burden is estimated to average 155 hours per respondent per year.

For surface impoundments, the public reporting burden is estimated to average two hours per respondent per year. The recordkeeping burden is estimated to average 152 hours per respondent per year.

For waste piles, there is no public reporting burden associated with the requirements covered in this ICR. The recordkeeping burden is estimated to average 20 hours per respondent per year.

For land treatment units, the public reporting burden is estimated to average one hour per respondent per year. The recordkeeping burden is estimated to average one hour per respondent per year.

EXHIBIT 18
TOTAL AVERAGE RESPONDENT BURDEN

	Average Reporting Burden	Average Recordkeeping Burden
SUBPART J: TANK SYSTEMS	6	155
SUBPART K: SURFACE IMPOUNDMENTS	2	152
SUBPART L: WASTE PILES	0	20
SUBPART M: LAND TREATMENT	1	1
SUBPART N: LANDFILLS	7	80
SUBPART O: INCINERATORS	2	3
SUBPART P: THERMAL TREATMENT UNITS	0	0
SUBPART Q: CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT UNITS	0	0
SUBPART W: DRIP PADS	0	0
SUBPART X: MISCELLANEOUS UNITS	0	0
SUBPART AA: PROCESS VENTS	10	1,072
SUBPART BB: EQUIPMENT LEAKS	7	83
SUBPART DD: CONTAINMENT BUILDINGS	6	56
PART 266: SPECIFIC HAZARDOUS WASTE RECOVERY/ RECYCLING FACILITIES	0	4

For landfills, the public reporting burden is estimated to average seven hours per respondent per year. The recordkeeping burden is estimated to average 80 hours per respondent per year.

For incinerators, the public reporting burden is estimated to average two hours per respondent per year. The recordkeeping burden is estimated to average three hours per respondent per year.

For thermal treatment units, there is no public reporting or recordkeeping burden associated with the requirements covered in this ICR.

For chemical, physical, and biological treatment units, there is no public reporting or recordkeeping burden associated with the requirements covered in this ICR.

For drip pads, there is no public reporting or recordkeeping burden associated with the requirements covered in this ICR.

For miscellaneous units, there is no public reporting or recordkeeping burden associated with the requirements covered in this ICR.

For process vents, the public reporting burden is estimated to average ten hours per respondent per year. The recordkeeping burden is estimated to average 1,072 hours per respondent per year.

For equipment leaks, the public reporting burden is estimated to average seven hours per respondent per year. The recordkeeping burden is estimated to average 83 hours per respondent per year.

For containment buildings, the public reporting burden is estimated to average six hours per respondent per year. The recordkeeping burden is estimated to average 56 hours per respondent per year.

For specific hazardous waste recovery and recycling units, there is no public reporting burden associated with these requirements. The recordkeeping burden is estimated to average four hours per respondent per year.

Send comments on the Agency's need for this information, the accuracy of the burden estimates contained in the ICR, and any suggestions for reducing the burden, to the Director, Regulatory Information Division, Office of Policy, 2137, U.S. Environmental Protection Agency, 401 M St., SW, Washington, D.C., 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, N.W., Washington, D.C., 20503.