

**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
SOLID AND HAZARDOUS WASTE DIVISION  
Hazardous Waste TSD Interim Status Checklist**

<b>General Facility Standards</b>		
<b>Result</b>	<b>Section</b>	<b>Inspection Item</b>
	11 4	<u>General Facility Standards</u>
	11 4(b)(i)	Does the facility have an EPA Identification Number?
	11 4(b)	<u>What is the EPA Identification Number?</u>
	11 4(c)(i)(A)	Has facility received hazardous waste from a foreign source?
	11 4(c)(i)(A)	Has the facility filed a notice with the Regional Administrator four weeks in advance of waste arrival?
	11 4(c)(i)(B)	Does the facility have copy of notice(s) tracking document containing all required signatures from the recovery facility?
	11 4(c)(ii)	If the facility has changed ownership, did the previous owner notify the new owner in writing of the specific HW requirements under (ii)?
	11 4(d)(ii)	Does facility maintain a copy of the waste analysis plan onsite?
	11 4(d)(ii)(A)	Does the waste analysis plan contain parameters for which each waste will be analyzed?
	11 4(d)(ii)(B)	Does the waste analysis plan contain test methods used to test for parameters?
	11 4(d)(ii)(C)	Does the waste analysis plan contain sampling method used to obtain sample?
	11 4(d)(ii)(D)	Does the waste analysis plan contain the frequency with which the initial analyses will be reviewed or repeated?
	11 4(d)(ii)(E)	(For off-site facilities) waste analyses that generators have agreed to supply?
	11 3(d)(ii)(F)	Where applicable, methods used to meet additional waste analysis requirements specified under (F)?
	11 3(d)(ii)(G)(I)	Does the waste analysis plan contain procedures and schedule for sampling impoundment contents for surface impoundment's exempt from LDRs?
	11 3(d)(ii)(G)(II)	Does the waste analysis plan contain procedures and schedule for analysis of test data for surface impoundment's exempt from LDRs?
	11 4(d)(ii)(G)(III)	Does the waste analysis plan contain procedures for the annual removal from the surface impoundment of specified residues or those residues that exhibit a HW characteristic where the residues don't meet a treatment standard or are prohibited?
	11 3(d)(ii)(H)	Does the waste analysis plan contain waste testing/sampling procedures/schedules and/or basis for knowledge determination if exemption from air emission standards?
	11 4(d)(iii)(A)	For offsite facilities, does the waste analysis plan contain: Procedures to be used to determine the identity of each movement of waste?
	11 4(d)(iii)(B)	Does the waste analysis plan contain (for off-site facilities): Sampling method to be used to obtain representative sample of the waste to be identified?
	11 4(d)(iii)(C)	Does the waste analysis plan contain (for off-site facilities): Procedures to determine whether waste generator or treater added biodegradable sorbent to waste in container?
	11 4(e)(ii)(A)	Does the facility provide adequate security through 24 hour surveillance system (e.g., television monitoring or guards)?
	11 4(e)(ii)(B)(I)	Does the facility provide adequate security through artificial or natural confining barrier around facility (e.g., fence or fence and cliff)?
	11 4(e)(ii)(B)(II)	Does the facility provide adequate security through means to control entry through entrances (e.g., attendant, television monitors, locked entrance, controlled roadway access)?
	11 4(e)(iii)	Does facility have sign with required wording at each entrance to facility active portion?

	11 4(f)(ii)	Does the owner/operator maintain a written schedule at the facility for inspecting the following items: monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment?
	11 4(f)(iii)	Does the owner/operator maintain a written schedule at the facility for inspecting the following types of problems with equipment: malfunction, operator error, and discharges?
	11 4(f)(iv)	Does the owner/operator maintain an inspection log?
	11 4(f)(iv)	Does the inspection log contain the following items: date and time of inspection; inspector name; notation of observations; and date and nature of repairs or remedial action?
	11 4(f)(iii)	Does the inspection log contain any malfunctions or other deficiencies not corrected? (Use narrative explanation sheet)
	11 4(g)(i)(A)	Do facility personnel successfully complete classroom instruction or on-the-job training concerning HW management?
	11 4(g)(i)(B)	Is the training instructor trained in hazardous waste management procedures including procedures relevant to their positions?
	11 4(g)(i)(C)	Is the program designed to ensure familiarization of employees to effective response to emergencies, emergency procedures including equipment and systems?
	11 4(g)(ii)	Are all facility personnel trained within six months of their employment or assignment to the facility or transfer to a new position?
	11 4(g)(iii)	Is there an annual refresher training program required for personnel whose position at the facility are related to hazardous waste management?
	11 4(g)(iv)(A) and (B)	Do the personnel training records contain the job title, written job description, and name of each position related to hazardous waste management?
	11 4(g)(iv)(C)	Is there a written description of the type and amount of training?
	11 4(g)(iv)(D)	Do the personnel training records document the required training or job experience?
	11 4(g)	How long are the personnel training records kept? For current personnel, until closure and for former employees, for at least 3 years from the date employee last worked at facility.
	4 4(h)(i)	If the facility handles ignitable or reactive wastes, are the wastes separated and confined from sources of ignition or reaction (open flames, smoking, cutting and welding, hot surfaces, frictional heat), sparks (static, electrical or mechanical), and spontaneous ignition (e.g., from heat-producing chemical reaction)?
	4 4(h)(i)	While handling ignitable or reactive wastes, are smoking and open flame confined to specifically designated locations?
	4 4(h)(i)	If handling ignitable or reactive wastes, are "No Smoking" signs posted in hazardous areas?
	4 4(h)(ii)	<u>If ignitable or reactive wastes are handled and/or the mixture or commingling or incompatible wastes and materials, it must be conducted so the following does not occur.</u>
	4 4(h)(ii)(A)	Is there evidence of heat generation, fire or explosion, or violent reaction, from incompatible wastes?
	4 4(h)(ii)(B)	Is there evidence of uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health?
	4 4(h)(ii)(C)	Are there uncontrolled flammable fumes or gases in sufficient quantities that pose a risk for fire or explosions?
	4 4(h)(ii)(D)	Is there damage of the structural integrity of the device or facility containing the incompatible, ignitable or reactive wastes?
	4 4(h)(ii)(E)	Does the management of the ignitable, reactive or incompatible wastes threaten human health or environment?

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<b>Preparedness and Prevention</b>		
<b>Result</b>	<b>Section</b>	<b>Inspection Item</b>
	11 5	<u>Preparedness and Prevention</u>
	11 5	Is there evidence of fire, explosion, or contamination of the environment? If yes, please explain.
	11 5(c)	Is the facility equipped with internal communications or alarm system?

	11 5(e)(i)	Is the internal communication or alarm system easily accessible in case of emergency?
	11 5(c)(ii)	Is the facility equipped with a telephone or two-way radio to call emergency response personnel?
	11 5(c)(iii)	Is the facility equipped with portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment?
	11 5(c)(iv)	Is the facility equipped with water of adequate volume for hoses, sprinklers, or water spray system? Describe source of water.
	11 5(d)	Are facility communications or alarm systems, fire protection equipment, spill control equipment and decontamination equipment, tested and maintained?
	11 5(f)	Is there sufficient aisle space to allow unobstructed movement of personnel and equipment?
	11 5(h)	Has the owner/operator made arrangements with the local authorities to familiarize them with characteristics of the facility? (Layout of facility, properties of hazardous waste handled and associated hazards, places where facility personnel would normally
	11 5(h)(B)	In the case that more than one police or fire department might respond, is there a designated primary authority?
	11 5(h)(C)	Does the owner/operator have phone numbers of and agreements with State emergency response teams, emergency response contractors, and equipment suppliers?
	11 5(h)(D)	Has the owner/operator arranged to familiarize local hospitals with the properties of hazardous waste handled and types of injuries that could result from fires, explosions, or releases at the facility?
	11 5(h)(ii)	If State or local authorities decline to enter into the arrangements called for under Chapter 11, Section 5(h), is this entered in the operating record?

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## Contingency Plan and Emergency Procedures

Result	Section	Inspection Item
	11 6	<u>Contingency Plan and Emergency Procedures</u>
	11 6(b)(i)	Is a contingency plan maintained at the facility?
	11 6(b)(ii)	Are provisions of the plan carried out immediately whenever fire, explosion or release?
	11 6(c)(ii)	Is the contingency plan a revised SPCC plan that incorporates HW management provisions?
	11 6(c)(iii)	Does the contingency plan include arrangements agreed to by local police and fire departments, hospitals, contractors and State and local emergency response teams to coordinate emergency services?
	11 6(c)(iv)	Does the contingency plan include emergency coordinator's names, phone numbers, and addresses and is one person named as the emergency coordinator?
	11 6(c)(v)	Does the contingency plan include a list of all emergency equipment at facility, where required, location and descriptions of equipment, physical description and capabilities? Is the list up to date?
	11 6(c)(i)	Does the contingency plan include a description of the control procedures taken in the event of fire, explosion, or release?
	11 6(b)(ii)	Does the contingency plan include a description of how and when it will be implemented?
	11 6(c)(vi)	Does the contingency plan include an evacuation plan for facility personnel including evacuation routes and signals to be used to begin evacuation?
	11 6(d)(ii)	Has a copy of the plan been submitted to all local police and fire departments, hospitals, and State and local emergency response teams?
	11 6(e)	Has the plan been amended, if necessary?
	11 6(f)	Is there an emergency coordinator on site or on call at all times?
	11 6(g)(i)	If there is imminent or actual emergency, does emergency coordinator activate internal alarms/communication and notify appropriate State/local agencies?
	11 6(g)(ii)	During a release, fire, or explosion, did emergency coordinator immediately identify

		character, source, amount and real extent or released materials?
	11 6(g)(iv)(A) and (B)	If a release, fire or explosion been determined, does the emergency coordinator immediately notify local authorities, the on-scene coordinator or National Response Center, and the WDEQ?
	11 6(g)(iv)(B)	Does the report contain all items listed under Section 6(g)(iv)(B)?
	11 6(g)(v)	During emergency, required measures are taken to ensure fires, explosions, releases do not occur, recur or spread to other hazardous waste?
	11 6(g)(vi)	If operations cease due to emergency, does emergency coordinator monitor for leaks, pressure buildup, gas generation, ruptures in valves, pipes or other equipment, where appropriate?
	11 6(g)(vii)	After emergency, does emergency coordinator provide for treating, storing, disposing of recovered waste, contaminated soil/surface water or any other resultant materials?
	11 6(g)(viii)	In affected area, emergency coordinator must ensure incompatible wastes are not treated, stored or disposed and all emergency equipment is ready for intended use before operations resume?
	11 6(g)(ix)	Did owner/operator notify appropriate state and local authorities facility is in compliance with #20 before operations are resumed?
	11 6(g)(x)	Does owner/operator note in the operating record, time/date/details of incident requiring implementation of contingency plan?
	11 6(g)(x)	Was the required report submitted to the State within 15 days after the incident?

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## Manifest System Recordkeeping and Reporting

Result	Section	Inspection Item
	11 7	<u>Manifest System. Recordkeeping and Reporting</u>
	11 7(b)(i)(A)	Are the manifests signed and dated and returned to the generator?
	11 7(b)(i)(B)	Does the facility note any manifest discrepancies on each copy?
	11 7(b)(i)(C)	Is a signed copy given to the transporter?
	11 7(b)(i)(D)	Does owner/operator send copy of the manifest to generator within 30 days after delivery?
	11 7(b)(ii)	Does the facility receive any waste from a rail or water (bulk shipment) transporter?
	11 7(b)(ii)	Is it accompanied by a shipping paper?
	11 7(b)(ii)(A-D)	Does the owner/operator sign and date the shipping paper, note any discrepancies, and return a copy of the manifest and/or shipping paper to the generator within 30 days?
	11 7(b)(iii)	If the owner/operator ships HW which they generate, do they comply with Chapter 8, Section 3(e)?
	11 7(b)(iv)	If the owner/operator received a transfrontier shipment (Chapter 8, Sec. 8), is a copy of the tracking document bearing all required signatures provided within 3 working days to the required EPA offices?
	11 7(c)	Has the owner/operator received any shipments of waste that were inconsistent with the manifest (manifest discrepancies)? Significant discrepancies are: bulk waste=>10% in weight; batch waste=any variation in piece count and type discrepancies
	11 7(c)(ii)	Has the owner/operator attempted to reconcile the discrepancy with the generator and transporter?
	11 7(c)	If the discrepancy has not been resolved in 15 days, has the Regional Administrator been notified by letter describing discrepancy, attempts to reconcile and the manifest copy?
	11 7(d)(i)	Does the owner/operator keep a written operating record at the facility?
	11 7(d)(ii)(A)	Does the written operating record include the description and quantity of each hazardous waste received?
	11 7(d)(ii)(A)	Does the written operating record include methods and dates of treatment, storage, and disposal?

	11 7(d)(ii)(B)	Does the written operating record include the location and quantity of each hazardous waste at each location?
	11 7(d)(ii)(B)	Does the written operating record include the cross-references to manifests/shipping papers?
	11 7(d)(ii)(C)	Does the written operating record include records and results of waste analyses?
	11 7(d)(ii)(D)	Does the written operating record include a report of incidents involving implementation of the contingency plan?
	11 7(d)(ii)(E)	Does the written operating record include the records and results of required inspections?
	11 7(d)(ii)(F)	Does the written operating record include monitoring or testing analytical data?
	11 7(d)(ii)(G)	Does the written operating record include closure cost estimates and, for disposal facilities, post-closure cost estimates?
	11 7(d)(ii)(H)	Does the written operating record include notices of generators as specified?
	11 7(d)(ii)(I-N)	Does the written operating record include land disposal restriction records required by Chapter 13, Section 1(e), (f), (g), and (h), as applicable?
	11 7(f)	Does the facility submit a biennial report by March 1 every even-numbered year?
	11 7(f)(i)	Do reports contain the EPA I.D. number?
	11 7(f)(ii)	Do reports contain the year covered by report?
	11 7(f)(iv)	Do reports contain the description/quantity of hazardous waste?
	11 7(f)(v)	Do reports contain the treatment, storage, and disposal methods?
	11 7(f)(vi)	Do reports contain the monitoring data under Chapter 11, Section 8(e)(i)(B) and (ii)(B)?
	11 7(f)(vii)	Do reports contain most recent closure and post-closure cost estimates?
	11 7(f)(viii) and (ix)	Do reports contain for TSD generators, description of efforts to reduce volume/toxicity of waste generated, and actual comparisons with previous year?
	11 7(f)(x)	Do reports contain certification signed by owner/operator?
	11 7(g)	Has the facility received any waste (that does not come under the small generator exclusion) not accompanied by manifest?
	11 7(g)	Has the facility submitted an unmanifested waste report to the Regional Administrator and does the report contain all info required under (g)?
	11 7(h)	Does the facility submit to the Regional Administrator reports on releases, fires, and explosions; contamination and monitoring data; and facility closure?

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### Manifest: Generator Requirements

Result	Section	Inspection Item
	11 7(b)(iii)	<u>Manifest, Generator Requirements</u>
	11 7(b)(iii) 8 (2)(a)(i)	Does facility generate it's own waste and ship waste off-site? If NO, do not fill out this section.
	11 7(b)(iii) 8 (2)(a)(i)	<u>If YES, identify primary off-site facility(s).</u>
	11 7(b)(iii) 8 (2)(a)	Does generator use manifest?
	11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include the manifest document number?
	11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include the generator's name, mailing address, telephone number?

11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include the generator EPA I.D. Number?
11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include transporter name(s) and EPA I.D. number(s)?
11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include facility name, address, and EPA I.D. Number?
11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include alternate facility name, address, and EPA I.D. number?
11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include instructions to return to generator if undeliverable?
11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include waste information required by DOE - shipping name, quantity (weight or volume), containers (type and number)?
11 7(b)(iii) 8 (2)(a) Appendix A	Does manifest include emergency information (optional)?
11 7(b)(iii) 8 (2)(a) Appendix A	Does the form contain the required certification?
11 7(b)(iii) 8 (2)(a) Appendix A	Did generator sign and date all manifests?
11 7(b)(iii) 8 (2)(a) Appendix A	Who signed for generator? Name
11 7(b)(iii) 8 (2)(a) Appendix A	Did generator obtain handwritten signature and date of acceptance from initial transporter?
11 7(b)(iii) 8 (2)(a) Appendix A	Who signed and dated for transporter?
11 7(b)(iii) 8 (2)(a) Appendix A	Does generator retain one copy of manifest signed by generator and initial transporter?
11 7(b)(iii) 8 (2)(a) Appendix A	Do returned copies of manifest include facility owner/operator signature and date of acceptance?

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<b>Hazardous Waste Determination</b>		
<b>Result</b>	<b>Section</b>	<b>Inspection Item</b>
	11 1(b)	<u>Hazardous Waste Determination</u>
	8 1(b)(i)(B)	Does generator generate listed hazardous waste? If yes, list wastes and quantities (include EPA HW number).
	8 1(b)(i)(C)	Does generator generate characteristic hazardous waste? If yes, list wastes and quantities (include EPA HW Number).
	8 1(b)(i)(C)(1) 11 4(d)(i)(A)	Does generator determine characteristics by testing?
	8 1(b)(i)(C)(I) and (II)	Does generator determine characteristics by applying knowledge of processes?
	8 1(b)(i)(C)(I)	If determined by testing, did generator use test methods in Chapter 2(c)? If equivalent test methods were used attach copy of test method used.
	11 1(b)	Are there any other solid waste generated by generators?

	11 1(b)	If yes, did generator test all waste to determine whether they were hazardous?
	11 1(b)	If no, list wastes and quantities deemed nonhazardous or processes from which nonhazardous waste was produced.

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### Pretransport Requirements

Result	Section	Inspection Item
	8 3	<u>Pretransport Requirements (Not required if no offsite HW shipments)</u>
	8 3(a)(i)	Does generator package waste in accordance with Chapter 8, Section 3(a) (DOT)?
	8 3(a)(i)	Are containers to be shipped leaking or corroding?
	8 3(a)	<u>Use additional sheet to describe containers and condition.</u>
	8 4(a)	Is there evidence of heat generation from incompatible wastes in the containers?
	8 3(b)(i)	Does generator follow DOT labeling requirements in accordance with Section 3(b)?
	8 3(c)	Does generator mark each package in accordance with Chapter 8, Section 3(c)?
	8 3(c)	Is each container of 110 gallons or less marked with the following Hazardous Waste Wording label? "HAZARDOUS WASTE-Federal Law Prohibits Improper Disposal". If found, contact the nearest police or public safety authority or the US Environmental Protection Agency Generator name(s) and address(es) Manifest Document Number"
	8 3(d)(i)	Does generator have placards to offer to transporters?
	8 3(e)	SQGs are allowed to accumulate up to 6000 kg (roughly 30 55 gallon drums) of hazardous waste for up to 180 days or 270 days if the transportation distance is greater than 200 miles. LQGs are allowed to accumulate HW for 90 days.
	8 3(e)	Are containers used to temporarily store waste before transport? If yes, must comply with #11.
	8 3(e)(i)(B)	Is each container clearly dated?
	8 3(e)(iv)(B) 11 10(e)	Does generator inspect containers for leakage or corrosion at least weekly?
	8 3(e)(i)(A)(I) 11 10(g)	Does generator locate containers holding ignitable or reactive waste at least 15 meters (50 feet) from the facility's property line? Note: If tanks are used, fill out tank checklist found in RCRA Tank Systems inspection manual.
	8 3(e)(i)(A)(I), 11 10(g)	If tanks are used, LQGs must comply with all requirements under Chapter 11, Section 11 [except for Sections 11(h)(iii) and 11(k)]. SQGs must comply with Chapter 11, Section 11(i).

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### Pretransport Recordkeeping and Records

Result	Section	Inspection Item
	8 4(a)	<u>Recordkeeping and Records</u>
	8 4(a)	Does generator keep the manifest or signed copies from designated facilities for 3 years?
	8 4(a)	Does generator keep biennial reports for 3 years?
	8 4(a)	Does generator keep exception reports for 3 years?
	8 4(a)	Does generator keep test results for 3 years?
	8 4(a)	<u>Where are the records kept (at facility or elsewhere)?</u>
	8 4(a)	<u>Who is in charge of keeping the records? Name</u>

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<b>Pretransport Special Conditions</b>		
<b>Result</b>	<b>Section</b>	<b>Inspection Item</b>
	8	<u>Special Conditions</u>
	8	Has the primary exporter received from or transported to a foreign source any hazardous waste?
	8 5(d)	Has the primary exporter filed a notice with the Regional Administrator?
	8 5(e)	Is the waste manifested and signed by a foreign consignee?
	8 5(e)	If generator transported wastes out of the country, has he received confirmation of delivered shipment?

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<b>Air Emissions, Process Vents</b>		
<b>Result</b>	<b>Section</b>	<b>Inspection Item</b>
	11-28, 11-29, 11-30	<u>Air Emissions Applicability - Air Emission Standards for Process Vents</u>
	11-28, 11-29, 11-30	Does the facility have distillation units that manage HW?
	11-28, 11-29, 11-30	Does the facility have fractionation units that manage HW?
	11-28, 11-29, 11-30	Does the facility have thin-film evaporation units that manage HW?
	11-28, 11-29, 11-30	Does the facility have solvent extraction units that manage HW?
	11-28, 11-29, 11-30	Does the facility have air stripping units that manage HW?
	11-28, 11-29, 11-30	Does the facility have steam stripping units that manage HW? Note: If NO for all items #1-6, then SKIP to #15.
	11 28(c)(i)	Is the HW being managed in the unit(s), 10 ppmw or greater total organic on a time weighted, annual average basis? Use the required testing criteria or process knowledge criteria described in Chapter 11, Section 28(c)(i). If YES, continue to next question, if NO, then SKIP to #15.
	11 28(e)(iv)	If they claim waste streams below 10 ppmw, did they use proper means to determine concentration?
	11 28(e)(v)	Was date of initial determination before their effective date?
	11 28(e)(v)(B) or (C)	Were other analyses performed annually or upon changes in waste streams?
	11 28(c)	Is the facility in compliance with the process vent standards? Review Chapter 11, Section 28(c) for compliance.
	11 28(d)	Is the facility in compliance with the standards for closed-vent systems and control devices? Review Chapter 11, Section 28(d) for compliance.
	11 28(e)	Does the facility comply with the test methods and procedures requirements for process vents? Review Chapter 11, Section 28(e) for compliance.
	11 28(f)	Does the facility comply with the recordkeeping requirements for air emissions from process vents? Review Chapter 11, Section 28(f) for compliance.
	11 29(a)	Are there hazardous waste management units and/or hazardous waste recycling units that manage hazardous waste with organic concentrations of at least 10% by weight? Use ASTM Methods D2267-88, E169-87, E168-88, E260-85 or Method 9060 or 8240 to confirm. If YES, proceed to next question, if NO, then proceed to Air Emission Requirements for Tanks, Surface Impoundment's and Containers Checklist.
	11 29(n)(iv)	Do the unit(s) containing hazardous wastes with organic concentrations greater than or equal to 10% organics by weight, contain pumps, valves, compressors, sampling connections systems, open-ended valves or lines, pressure relief devices, and flanges and

		other connectors that contain or come into contact with hazardous waste?
	11 29(n)(iv)	<u>What was the method of determination for #16? Knowledge, ASTM Methods D2267-88, E169-87, E168-88, E260-85 or Method 9060 or 8240.</u>
	11 29(n)(iv)	If knowledge, is it documented?
	11 29(n)(iv)	<u>Date of initial determination.</u>
	11 29(n)(iv)	Dates of other analysis? Change, batch#, etc. If YES, proceed to the next question. If NO, skip to the Air Emission Standards for Tanks, Surface Impoundment's and Containers Checklist.
	11 29(c)	Does the facility comply with the standards for pumps in light liquid service? Review Chapter 11, Section 29(c) for compliance.
	11 29(d)	Does the facility comply with the standards for compressors? Review Chapter 11, Section 29(d) for compliance.
	11 29(e)	Does the facility comply with the standards for pressure relief devices in gas/vapor service? Review Chapter 11, Section 29(e) for compliance.
	11 29(f)	Does the facility comply with the standards for sampling connecting systems? Review Chapter 11, Section 29(f) for compliance.
	11 29(g)	Does the facility comply with the standards for open-ended valves or lines? Review Chapter 11, Section 29(g) for compliance.
	11 29(h)	Does the facility comply with the standards for valves in gas/vapor service or in light liquid service? Review Chapter 11, Section 29(h) for compliance.
	11 29(i)	Does the facility comply with standards for valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and flanges and other connectors? Review Chapter 11, Section 29(i) for compliance.
	11 29(j)	Does the facility comply with the delay of repair of equipment for which leaks have been detected, standards? Review Chapter 11, Section 29(j) for compliance.
	11 29(k)	Does the facility comply with the closed-vent systems and control devices standards? Review Chapter 11, Section 29(k) for compliance.
	11 29(l)	Does the facility comply with alternative standards for valves in gas/vapor service or in light liquid service: percentage of valves allowed to leak? Review Chapter 11, Section 29(l) for compliance.
	11 29(m)	Does the facility comply with alternative standards for valves in gas/vapor service or in light liquid service: skip period leak detection and repair? Review Chapter 11, Section 29(m) for compliance.
	11 29(n)	Does the facility who is subject to the provisions of Section 29, comply with the test methods and procedures requirements of Chapter 11, 29(n)?
	11 29(o)	Does the facility comply with all recordkeeping requirements? Review Chapter 11, Section 29(o) to evaluate compliance.

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### **Air Emissions, Tanks, Surface Impoundment's, Containers**

<b>Result</b>	<b>Section</b>	<b>Inspection Item</b>
	11 29	<u>Air Emissions Standards For Tanks, Surface Impoundment's and Containers</u>
	11 29	Does the owner/operator have tanks, surface impoundment's and/or containers that contain hazardous waste? If YES, proceed to next question. If NO, proceed to the Groundwater Section.
	11 29	Does the unit(s) meet one of the exemptions listed on the Attachment A guideline? If yes, the owner/operator is only required to comply with the appropriate documentation requirements. If NO, proceed to the next question.
	11 29	Is the average VO(volatile organic) concentration of all the hazardous waste placed in the unit less than 500 ppmw (determined on a mass-weighted basis during normal operating conditions at the point of waste generation)? An averaging period of up to one year is allowed for this. (Use the State Hazardous Waste Air Emissions Standards Guidance to make the determination) If YES to the question, proceed to #4.
	11 29	Does the owner/operator have the required annual waste determination update?
	11 29	Does the owner/operator have new waste determination information if the process

		generating the waste(s) changes such that it is likely to cause the VO concentration to be at or above 500 ppmw?
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### Ground-Water Monitoring System

Result	Section	Inspection Item
	11 8	<u>Ground-Water Monitoring System</u>
	11 8(a)	Does the facility have a ground water monitoring system in operation?
	11 8(b)	Does the system consist of minimally one upgradient monitoring well?
	11 8(b)	Does the system consist of minimally three downgradient monitoring wells?
	11 8(b)	Are monitoring wells cased so that the integrity of the boreholes is maintained?

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### Sampling and Analysis

Result	Section	Inspection Item
	11 8(c)	<u>Sampling and Analysis</u>
	11 8(c)(i)	Does the facility obtain and analyze samples from the groundwater monitoring system?
	11 8(c)(i)	Has the facility developed and followed a ground water sampling and analysis plan?
	11 8(c)(i)	Does the plan include procedures and techniques for sample collection?
	11 8(c)(i)	Does the plan include procedures and techniques for sample preservation?
	11 8(c)(i)	Does the plan include procedures and techniques for analytical procedures?
	11 8(c)(i)	Does the plan include procedures and techniques for chain-of-custody control?
	11 8(c)(ii)	Does the facility determine the concentration or value of the parameters characterizing the suitability of the ground water as a drinking water supply, as specified in Chapter 11, Appendix C?
	11 8(c)(ii)	Does the facility determine the concentration or value of the parameters establishing ground water quality (chloride, iron, manganese, phenols, sodium, sulfate)?
	11 8(c)(ii)	Does the facility determine the concentration or value of the parameters used as indicators of ground water contamination (pH, specific conductance, total organic carbon, total organic halogen)?
	11 8(c)(iii)(A)	Has the owner/operator established initial background concentrations or values of all parameters specified above at least on a quarterly basis?
	11 8(c)(iii)(A)	Has owner/operator obtained at least four replicate measurements for each sample?
	11 8(c)(iii)(A)	Has the owner/operator determined the initial background arithmetic mean and variance?
	11 8(c)(iv)	After the first year, does the owner/operator sample and analyze samples collected to establish background water quality at least annually?
	11 8(c)(iv)	After the first year, does the owner/operator sample and analyze samples collected to indicate contamination at least semiannually?
	11 8(c)(iv)	After the first year, does the owner/operator sample and analyze elevation of ground water surface at each monitoring well at each sampling event?

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### Preparation Evaluation and Response

Result	Section	Inspection Item
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	11 8(d)	<u>Preparation, Evaluation and Response</u>
	11 8(d)(i)	Did owner/operator prepare an outline of a ground water quality assessment program?
	11 8(d)(i)	Did the program determine whether hazardous waste or hazardous waste constituents have entered the ground water?
	11 8(d)(i)	Did the program determine the rate and extent of hazardous waste or hazardous waste constituent migration in ground water?
	11 8(d)(i)	Did the program determine the concentration of hazardous waste or hazardous waste constituents in ground water?
	11 8(d)(ii)	For each well, has the owner/operator calculated the arithmetic mean and variance, based on four replicate measurements for each sample, and compared the results with initial background mean?
	11 8(d)(iii)(A)	Has owner/operator submitted information documenting any significant increase in comparisons for upgradient wells (or decrease in pH)?
	11 8(d)(iii)(B)	If the comparisons for downgradient wells show a significant increase (or pH decrease), has the owner/operator obtained additional ground water samples from those downgradient wells in which a significant decrease was detected? (Samples must be split in
	11 8(d)(iii)(B)	If analyses were performed, and confirmed the significant increase (or pH decrease), did owner/operator notify the Regional Administrator within 7 days?
	11 8(d)(iv)(B)	If analyses confirmed significant increase (or pH decrease), did owner/operator submit to the Regional Administrator within 15 days after notification a certified groundwater quality assessment program?
	11 8(d)(iv)(B)	Does the plan include the number, location, and depth of wells?
	11 8(d)(iv)(B)	Does the plan include the sampling and analytical methods for those hazardous wastes and hazardous waste constituents at the facility?
	11 8(d)(iv)(B)	Does the plan include the evaluation procedures, including any use of previously gathered ground water quality information?
	11 8(d)(iv)(B)	Does the plan include the schedule of implementation?
	11 8(d)(iv)(D)	Did the owner/operator implement the ground water quality-assessment program?
	11 8(d)(iv)(D)	Did the owner/operator determine the rate and extent or migration of the hazardous waste constituents in the ground water?
	11 8(d)(iv)(D)	Did the owner/operator determine the concentrations of the hazardous waste in the ground water?
	11 8(d)(iv)(E)	Did the owner/operator submit a report to the Regional Administrator containing the requests of the assessment within 15 days?
	11 8(d)(iv)(F)	Did the owner/operator notify the Regional Administrator of reinstatement of indicator evaluation program upon finding that no hazardous waste or hazardous waste constituents had entered the ground water?
	11 8(d)(iv)(G)	If the owner/operator determined that hazardous waste or hazardous waste constituents entered the ground water, did he either continue to make the determination on a quarterly basis until final closure if the ground water quality-assessment plan was implemented prior to final closure, or cease to make determination required in #1 if ground water quality-assessment plan was implemented during the post-closure care period?
	11 8(d)(v)	If any ground water quality-assessment program is implemented prior to final closure, has owner/operator completed the program and reported to the Regional Administrator?
	11 8(d)(vi)	If owner/operator does not monitor at least annually to satisfy requirements, does owner/operator evaluate data on ground water elevation obtained under Sampling and Analysis, above, to determine whether the requirements for locating monitoring wells are satisfied?

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### **Preparation Recordkeeping and Reporting**

<b>Result</b>	<b>Section</b>	<b>Inspection Item</b>
	11 8(e)	<u>Recordkeeping and Reporting</u>

11 8(e)(i)	Unless owner/operator is monitoring to satisfy the requirements of Chapter 11, Section 8(d)(vi)(D)(Assessment Program), does the owner/operator keep records of the analyses required in Chapter 11, Section 8(e)(i) and (iv) the associated ground water surface elevations required in Sec. 8(c)(v), GW surface elevations required under Sec. 8(d)(ii), throughout facility active life and post-closure?
11 8(e)(i)(B)	Unless owner/operator is monitoring to satisfy the requirements of Chapter 11, Section 8(d)(vi)(D)(Assessment Program), does the owner/operator report the following information to the Regional Administrator: Within 15 days of analysis for each quarterly sampling event, the results of background concentrations?
11 8(e)(i)(B)	Unless owner/operator is monitoring to satisfy the requirements of Chapter 11, Section 8(d)(vi)(D)(Assessment Program), does the owner/operator report the following information to the Regional Administrator: Any parameters that exceed maximum contaminant levels listed in Appdx. III?
11 8(e)(i)(B)	Unless owner/operator is monitoring to satisfy the requirements of Chapter 11, Section 8(d)(vi)(D)(Assessment Program), does the owner/operator report the following information to the Regional Administrator: Annually report concentrations or values of Chapter 11, Sec.8(c)(ii)(C) parameters for each well including required evaluations of parameters under Chap. 11, Ssec. 8(d)(ii)?
11 8(e)(i)(B)(II)	Unless owner/operator is monitoring to satisfy the requirements of Chapter 11, Section 8(d)(vi)(D)(Assessment Program), does the owner/operator report the following information to the Regional Administrator: Identify significant differences from initial background found in upgradient wells no later than March 1 following each calendar year?
11 8(e)(i)(B)(III)	Does owner/operator submit results of the ground water surface elevations under Chapter 11, Section 8(d)(vi), along with a description of the response, if needed, no later than March 1 following each calendar year?
11 8(e)(ii)(A)	If groundwater is monitored to satisfy requirements of Chapter 11, Section 8(d)(iv)(D), did owner/operator keep records of analyses and evaluations specified in the plan throughout active life and post-closure?
11 8(e)(ii)(B)	If groundwater is monitored to satisfy requirements of Chapter 11, Section 8(d)(iv)(D), did owner/operator (annually, until final closure) submit to the Regional Administrator a report containing the results of the groundwater assessment program including but not limited to, calculated rate of migration of hazardous waste and constituents in ground water during the reporting period and is report submitted no later than March 1 following each calendar year?

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### Management of Containers

Result	Section	Inspection Item
	11 10(d)(i) and (ii)	<u>Management of Containers</u>
	11 10(d)(i) and (ii)	Are containers present at the facility? If so, are wastes being stored for longer than 90 days? If NO, don't fill out this section.
	11 10(d)(i) and (ii)	Are tanks used to store hazardous waste at the facility? If yes, evaluate compliance with Chapter 11, Section 11(i)(i)(A) and (B).
	11 10(d)(i)	Are containers holding hazardous waste closed during storage, except when waste is added or removed?
	11 10(b)	Are hazardous wastes being stored in good containers?
	11 10(b)	If there is evidence of leak, is the waste transferred to another container or managed in some other way that complies with the requirements of Chapter 5 and Chapter 11?
	11 10(c)	Are the hazardous wastes being stored in containers that are made of or lined with materials that are compatible with the wastes being stored?
	11 10(d)(ii)	Are the containers holding hazardous waste opened, stored or handled in such a manner that may cause them to rupture or leak?
	11 10(h)(iii)	Are storage containers holding a hazardous waste that is incompatible with waste or other materials stored in nearby containers, piles, open tanks, or surface impoundment's, separated from the other materials or protected from them by means of a dike, berm
	11 10(h)(ii)	Does the facility have procedures to ensure that incompatible wastes are not placed in the same containers or in unwashed containers that previously held incompatible waste?

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## Land Disposal Restrictions, TSD Requirements

Result	Section	Inspection Item
	13	<u>Land Disposal Restrictions, TSD Requirements</u>
	13 1(a)(v)	Does the hazardous waste meet one of the following exemptions: conditionally exempt small quantity generator wastes; waste pesticides disposed of by a farmer in accordance with label requirements; HW listed after Nov. 8, 1984, with no LDRs or treatment standards; de minimis losses of char. wastes to wastewaters; or universal waste handlers and transporters. If YES, to any of these, don't have to complete the checklist.
	13 1(c)	Does the facility dilute a restricted waste or waste residual as a substitute for adequate treatment to achieve compliance with the treatment standards?
	13 1(d)	Does the facility treat prohibited wastes in a surface impoundment to meet the treatment standards? If NO, go to #5.
	13 1(d)	If so, does the facility comply with the sampling/testing, removal, recordkeeping, and design and certification requirements of Section 1(d).
	13 1(e)	Has the facility applied for an extension to the effective date of any applicable waste restriction? If NO, go to #7.
	13 1(e)	If so, does the facility comply with all of the requirements of Chapter 13, Section 1(e)?
	13 1(f)	Has the facility submitted a petition seeking an exemption from a land disposal prohibition? If so, did the petition contain the required information contained in Section 1(f)?
	13 1(g)(i)	Does the generator properly test and/or use knowledge of the waste to determine if the waste is restricted?
	13 1(g)(i)(E)	If waste is restricted based solely on generator knowledge or testing, are supporting knowledge data and/or test data retained onsite?
	13 1(g)(i)	If the waste is D001, D002, D003 or D012-D043, does the generator test the waste for underlying hazardous constituents?
	13 (g)(i)(A)	Are wastes that exceed treatment standards/prohibition levels (not subject to a national capacity variance) shipped to an off-site treatment or storage facility? Identify wastes code(s) and off-site treatment or storage facilities to which wastes are shipped. If NO, go to #15.
	13 1(g)(i)(A)(I)	If so, is there a copy of the notice and certification containing the following information: EPA HW #?
	13 1(g)(i)(A)(II)	Does the notice contain the wastewater or non-wastewater designation, the waste subcategory and waste constituents, if applicable.
	13 1(g)(i)(A)(III)	Does notice contain manifest number associated with waste shipment?
	13 1(g)(i)(A)(IV)	For hazardous debris, does notice contain the contaminants subject to treatment and required certification?
	13 1(g)(i)(B)	Are wastes that meet treatment standards/prohibition levels shipped to an off-site disposal facility? If NO, go to #23. Identify waste code(s) and off-site disposal facilities: Waste Code Receiving Facility
	13 1(g)(i)(B)(I)and(II)	Are LDR notifications and certifications provided for each shipment to the disposal facility?
	13 1(g)(i)(B)(I)(1.)	Does the notice contain the EPA HW#?
	13 1(g)(i)(B)(I)(2.)	Does the notice include wastewater vs. non-wastewater category, the subcategory and waste constituents to be monitored, if applicable?
	13 1(g)(i)(B)(I)(3.)	Does the notice include the manifest number associated with each waste shipment?
	13 1(g)(i)(B)(I)(4.)	Does the notice include waste analysis data, where applicable?
	13 1(g)(i)(B)(II)	Does the required certification accompany each waste shipment?
	13 1(g)(i)(C)	Are wastes that are subject to a national capacity variance (Chapter 13-3) or a case-by-case extension [Chapter 13, Section 1(e)] shipped to a treatment, storage, or disposal facility? Complete the following table: Waste code Receiving Facility
	13 1(g)(i)(D)	If prohibited wastes are treated in tanks, containers or containment buildings to meet treatment standards, does the generator follow the written waste analysis plan treatment

		standards? If N/A, go to #26
	13 1(g)(i)(D)(I)-(III)	Is the plan based on detailed analysis of prohibited waste, filed minimum 30 days prior to treatment, and notification requirements of 1(g)(i)(B) complied with?
	13 1(g)(i)(F)	If managing a restricted waste excluded from definition of hazardous waste or W.S. 35-11-503(d), has required one-time notice been placed in facility's file?
	13 1(g)(i)(G)	Does generator keep copies of all notices, certifications, demonstrations, analysis data, and other required documentation for five years?
	13 4(c)(iii)	As an alternative to the section 4 treatment standards, are lab packs being land disposed? If NO, proceed to #32.
	13 4(c)(iii)(A)	If so, do lab packs comply with the applicable packaging provisions of Chapter 10, Sec. 13(q) and Chapter 11, Sec. 15(q)?
	13 4(c)(iii)(B)	Does the lab pack contain any wastes listed under Chapter 13, Appendix D?
	13 4(c)(iii)(C)	Are lab packs incinerated in accordance with Chapter 10, Section 14 or Chapter 11, Section 16?
	13 1(g)(ii)	Is the facility a treatment facility? If NO, proceed to #41. If so, does the facility, in accordance with an acceptable waste analysis plan, test residues from all treatment processes?
	13 1(g)(ii)(A)-(C)	Does the treatment facility test residues or residue extract according to the required testing requirements?
	13 1(g)(ii)(D)	Does the treatment facility include the required notice with each waste shipment?
	13 1(g)(i)(E)	Does the treatment facility submit the required certification with each restricted waste shipment stating waste has been treated in accordance with performance standards?
	13 1(g)(i)(E)(I)	Does the treatment facility have the required certification for wastes with treatment standards expressed as concentrations in waste extract, in section 4(a) or prohibited wastes that are not subject to any treatment standards?
	13 1(g)(i)(E)(II)	Does the treatment facility have the required certification for wastes with treatment standards expressed as technologies?
	13 1(g)(i)(E)(III)	Does the treatment facility have the required certification for those wastes with treatment standards based in part or in whole on the analytical detection limit alternative?
	13 1(g)(i)(E)(IV)	Does the treatment facility have the required certification for D001, D002, D003, and D012-D043 subject to treatment standards and are reasonably expected to contain underlying hazardous constituents, that are treated onsite to remove the characteristic, and then sent offsite to treat underlying hazardous constituents?
	13 1(g)(i)(E)(V)	Does the treatment facility have the required certification for D001, D002, D003, and D012-D043 treated onsite to remove the characteristic and to treat underlying hazardous constituents to required levels?
	13 1(g)(ii)(F)	Does the facility ship any wastes or treatment residues to be further managed at a different treatment or storage facility? If YES, list the waste code and receiving facility for each waste or treatment residue type. If NO, proceed to #44.
	13 1(g)(ii)(F)	Are appropriate generator notifications and certifications provided to the receiving facility for each waste shipment?
	13 1(g)(ii)(G)	Does the treatment facility keep the required notification, certification and the proper records for recyclable materials that are used in a manner constituting disposal for each waste shipment?
	13 1(g)(iii)	For disposal facilities, except for recyclable materials used in manner constituting disposal, does owner/operator disposing of waste have required notices and certifications and are wastes tested to assure compliance with treatment standards? If facility NOT a disposal or treatment facility, proceed to #52.
	13 1(g)(iv)	Does the generator or treater first claim that hazardous debris is excluded from the definition of hazardous waste?
	13 1(g)(iv)(A)	If so, does the notification contain the following: name/address of Subtitle D facility receiving waste; description of hazardous debris including EPA HW #; and for Chapter 2, Sec. 1(c)(vi)(A) excluded debris, the technology used to treat the debris.
	13 1(g)(iv)(B)	Is the notification updated if debris is shipped to another facility and for excluded debris under Chapter 1 if a different debris type is treated or different technology used to treat the debris?
	13 1(g)(iv)(C)	For debris excluded under Chapter 2, Section 1(c)(vi)(A), does the owner/operator of treatment facility properly document and certify compliance with the treatment standards?

	13 1(g)(iv)(C)(I)	Does treatment facility owner/operator have records of all inspections, evaluations and analyses of treated debris used to determine compliance with treatment standards?
	13 1(g)(iv)(C)(II)	Does treatment facility owner/operator keep records of any data or information obtained during debris treatment identifying key operating parameters of treatment unit?
	13 1(g)(iv)(C)(III)	Does the facility keep the required certification of compliance with treatment standards in the facility files?
	13 1(i)	If the characteristic hazardous waste is not a D004-D011, a high TOC D001 or is not treated by CMBST, or RORGs, does the generator determine the underlying hazardous constituents expected to be above the universal treatment standards?
	13 1(i)(iii)	Is the characteristic hazardous waste disposed on the land without complying with the treatment standards under Section 4?
	13 1(i)(iv)	Does the generator or treater keep copies of the required one-time notification and certification if the characteristic hazardous waste is no longer hazardous?
	13 1(i)(iv)(A)(I)	Does the notification contain the name and address of the SHWD solid waste facility receiving the waste shipment? (Not required for CWA systems, zero-dischargers engaged in CWA equivalent treatment, or Class 1 nonhazardous injection wells)
	13 1(i)(iv)(A)(II)	Does the notification contain a description of the characteristic hazardous waste as initially generated, including the applicable EPA HW #(s), treatability group(s) and underlying hazardous constituents?
	13 1(i)(iv)(B)	Does the certification for the characteristic hazardous waste contain the required wording in Section 1(g)(ii)(E) or 1(g)(ii)(E)(IV)?
	13 1(i)(iv)(C)	If characteristic wastes are disposed into a class I nonhazardous injection well, and compliance with the treatment standards for underlying hazardous constituents is achieved through pollution prevention, is the following information included: pollution prevention mechanism description; mass of each underlying hazardous constituent; mass of each underlying hazardous constituent that must be removed; and mass reduction of each underlying hazardous constituent that is achieved?
	13 1(i)(vi)	If decharacterized wastes are managed onsite in a wastewater treatment system subject to the CWA, for which all underlying haz. constituents are addressed by a CWA permit, is this documented and kept in onsite files?
	13 1(f)	Does the facility generate hazardous debris?
	13 1(f)	If so, are the hazardous debris and contaminants treated according to the requirements according to Chapter 13, Section 1(f)?
	13 5(a)(vi)	Does the facility store liquid PCBs greater than or equal to 50 ppm?
	13 5(a)(vi)	If so, does the facility meet requirements of 40 CFR Part 761.65(b) and removed and treated/disposed within 1 year of waste placement?

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