

This appendix contains the following checklists:

- Appendix D.1 DLA Energy Environmental Checklist A tool for evaluating general compliance with the federal U.S. Environmental Protection Agency (EPA) regulations, including some U.S. Department of Transportation (DOT) hazardous material and cross-country pipeline questions
- Appendix D.2 Environmental Management System Checklist A tool for verifying conformance to the International Organization for Standardization 14001 (ISO 14001)
- Appendix D.3 DLA Energy Safety Checklist A tool for evaluating general compliance with the federal Occupational Safety and Health Administration (OSHA) regulations

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Appendix D.1 DLA Energy Environmental Checklist

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DLA Energy Environmental Checklist

[®] Gα	eneral Facility Information
Interviewer:	Date:
Facility Name:	
Site Location:	County:
Physical Address:	Mailing Address:
U.S. EPA Region:	USCG District:
U.S. EPA Identification Number:	State Identification Number:

Facility Contact			
Name:	Title:		
Phone:	Email:		
Cellular/Pager:			

	Facility Description					
Check a	ll those that apply:					
	Aboveground storage tanks (ASTs)		Aircraft fueling		Site remediation	
	Underground storage tanks (USTs)		Aboveground piping		Septic tank or drain field	
	Truck/tanker loading and unloading		Underground piping		Surface water impoundments or ponds	
	Rail loading and unloading		Off-site or cross-country piping		Potable water well	
	Marine terminal		Oil/water separator(s)		Municipal water supply	
	Vehicle fueling or defueling		Laboratory		Underground injection control (UIC) well	

COMMENTS:

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DLA Energy Environmental Checklist

шш		Facility Des	cription			
Contractor Name:			Full-time Equivalent			
Actual Property Owner:			Total Facility Size (acreage):			
Facility Operating Hours	MonFri.:	Sat.:	Sun.:			
Has the facility recently modifi	ied or constructed	d new equipment?	What improvements or chang	ges to the facili	ty are pl	anned?
What are the facility's Standard	l Industrial Classifi	cation (SIC) codes?				
What are the facility's North Ar	merican Industry (Classification System	(NAICS) codes?			
				Yes	<u>No</u>	<u>N/A</u>
Are there potential jurisdiction	al wetlands on or	near the facility?				
Are there known threatened o facility? Are there known cultu						
General Recordkeepi	ing					
Are environmental records kep	ot in a centralfile?					
If yes, where?						
ls access to environmental reco maintained in an orderlyfashic		ontrolled? Are enviro	onmental records			
If yes, where?						
Are employee environmental t	raining records ke	ept in a central file?				
If yes, where?						
Does the facility staff have acce	ess to applicable f	ederal, state, and loca	al regulations?			
COMMENTS:						



Environmental Plans and Permits

	Management Plans				
Does the facility have a	any of the following plans:	Date Last <u>Revised</u>	<u>Yes</u>	No	<u>N/A</u>
61 FR 31103, 6/19/96	Integrated Contingency Plan?				
40 CFR 112.3 and 112.7	Spill Prevention, Control, and Countermeasures				
40 CFR 112.20	(SPCC) Plan? Facility Response Plan?				
33 CFR 154, Subpart F	Marine Terminal Response Plan?				
49 CFR 194	Onshore Pipeline Response Plan?				
49 CFR 195	Off-site Pipeline Facility Procedural Manual for Operations, Maintenance, and Emergencies?				
30 CFR 254	Offshore Facility Spill Response Plan?				
49 CFR 130	Highway and Railway Oil Transportation Response Plan?				
49 CFR 172 Subpart I	Hazardous Materials Security Plans for Shippers?				
40 CFR 262, Subpart M	Hazardous Waste Contingency Plan for Large Quantity Generators (LQGs)?				
40 CFR 122.26 and MSGP Sectors S and P	Stormwater Pollution Prevention Plan (SWPPP) (also known as a Soil Erosion and Sediment Control Plan)?				
40 CFR 68 Subpart G	Risk Management Plan for Regulated Chemicals?				
E.O. 13834 ¹ and 13514	Pollution Prevention Plan?				
E.O. 13834 ¹	Environmental Management System (EMS) Manual and Procedures?				
E.O. 13834 ¹ and 13514	High Performance and Sustainable Building Plan?				
E.O. 13834 ¹	Green Procurement Program?				
E.O. 13834 ¹	Electronics Stewardship Plan?				
E.O. 13834 ¹	Waste Reduction Plan, Procedure, or Practice(s)? (Note: May be Combined with Pollution Prevention Plan)				
E.O. 13834 ¹ and 13514	Energy Conservation Plan, Procedure, or Practice(s)? (Specify)				
E.O. 13834 ¹	Sustainability Performance Plan, Procedure, or Practice(s)? (Specify)				
E.O. 13834 ¹	Greenhouse Gas Management Plan, Procedure, or Practice(s)? (Specify)				
E.O. 13834 ¹	Electronics Products Efficiency and Services Plan, Procedure, or Practice(s)? Note: May be Included with Electronics Stewardship Plan (Specify)				
E.O. 13834 ¹	Water Efficiency Plan, Procedure, or Practice(s)?				

¹ E.O. 13423 and E.O. 13514 were previously revoked; the replacement Order is E.O. 13834 Efficient Federal Operations, signed May 17, 2018.



Environmental Plans and Permits (cont.)

Management Plans							
Does the facility have	any of the following plans:	Date Last <u>Revised</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>		
E.O. 13834 ¹	Sustainable Regional and Local Integrated Planning, Procedures, or Practice(s)?						
E.O. 13834 ¹ Other	Waste Reduction Plan, Procedure, or Practice(s)? (Note: May be Combined with Pollution Prevention)						

¹ E.O. 13423 and E.O. 13514 were previously revoked; the replacement Order is E.O. 13834 Efficient Federal Operations, signed May 17, 2018.

Environmental Permits

Does the facility have any of the following environmental permits?

Environmental Permit	Permit No.	Date Issued	Date Expires
Air Emission Construction Permit			
Air Emission Operating Permit			
Wastewater Discharge (NPDES)			
Stormwater Permit (NPDES)			
Stormwater Permit for Construction Activities			
Sewer Discharge Permit			
UST Operating Permit/Registration			
AST Operating Permit/Registration			
Hazardous Waste Treatment Storage or Disposal Facility (Part B)			
Other			
Other			
Other			

COMMENTS:



Aboveground Storage Tanks

Tank Description

Yes <u>No N/A</u>

Are there any ASTs on-site? If yes, complete thefollowing:

Tank Name, Number, or Location	Tank Material	Capacity (gallons)	Date Installed	Material Stored	Vapor Pressure of Material Stored (psia)

40 CFR 63.420(a)(1)	How many ASTs have fixed roofs without internal floating roofs?			
	Which tanks?			
	How many ASTs have fixed roofs with internal floating roofs?			
	Which tanks?			
	How many ASTs have external floating roofs with primary seals?			
	Which tanks?			
	How many ASTs have external floating roofs with primary and secondary seals? Which tanks?			
		Yes	No	N/A
40 CFR 112.8(c)(8)	For spill prevention, are there level gauging systems and alarms, such as:			
	High–level alarms?			
	High-liquid pump cutoff devices?			
	Communication system between the tank gauge and pump station?			
	Liquid level meters, such as digital computers, telepulse system, or visual gauges?			
	Liquid level sensing devices? (These should be regularly tested for proper operation.)			
	Other devices that provide equivalent protection (such as relief valves and overflow lines)?			
40 CFR 112.7(g)	Are oil handling, processing, and storage areas secure and are starter controls on oil pumps?			
40 CFR 112.7(g)	Are tank flow valves and drain valves (such as water draw-off, sampling, and sparge valves) locked or secured when not operational?			
40 CFR 112.7(g)	Is security lighting adequate to prevent vandalism and to discover oil leaks?			
29 CFR 1910.1200(f)	Are ASTs that contain hazardous materials labeled with the chemical name and hazard warning?			
40 CFR 112.7(a)(3)	Are site drawings or facility diagrams showing fixed oil storage containers, mobile or portable containers, tank locations, exempt USTs, transfer stations, and connecting pipes current?			

FACILITY NAME:



	Tank Containment			
What secondary containment	systems are inplace:			
40 CFR 112.7(c) and 112.8(c)(2)	Earthen berm?	<u>Yes</u>	<u>No</u>	<u>N/A</u>
	Lined earthen berm? Specify liner material.			
	Concrete retaining walls?			
	Other (e.g., double-walled or double-bottom tanks)			
40 CFR 112.8(b)	Are there valves in the containment system for drainage?			
	Valve type?			
	Were all drainage valves in the containment system observed tobe closed?			
40 CFR 112.8(c)(3) and (10)	Was liquid observed in any containment system?			
	Tank Maintenance			
40 CFR 112.8(c)(6)	When was the last tank integrity test or inspection?			
	Was a standard industry inspection method used (e.g. SP001, API–653)? If yes, state method			
	What integrity test method was used:			
	Visual inspection?			
	Hydrostatic testing?			
	Radiographic testing?			
	Ultrasonic testing?			
	Acoustic emissions testing?			
	Nondestructive shell thickness?			
	Other			
40 CFR 112.8(c)(10)	Was rust observed on any of the tank shells?			
	Were leaking seams, gaskets, rivets, or bolts observed?			
	How often are tank bottom wastes removed?			
	How are tank bottom wastes disposed?			
	When were the tanks last emptied and cleaned?			
	Have any ASTs been repaired? If yes, describe repairs (changes, dates, and contractors):			
FACILITY NAME:	Was the tank integrity-tested after the repair? DATE: INTERVIEWER INITIALS:			



Aboveground Storage Tanks (cont.)

	AST Recordkeeping			
Are the following AST record	s available:			
		<u>Yes</u>	No	<u>N/A</u>
440 CFR 112.7(e)	Visual tank inspection records (addressing tank supports, foundations, flow valves, pumps, flange tanks, expansion joints, etc.)?			
40 CFR 112.8(c)(6)	Tank integrity test results (e.g., hydrostatic test, shell thickness tests)?			
40 CFR 112.8(c)(3)	Containment system drainage or pumping records (date, time personnel)?			
	AST service, repair, maintenance, and cleaning records?			



Tank Description

Are there any USTs on-site? If yes, complete the following:

<u>Yes</u>	<u>No</u>

<u>N/A</u>

Tank Name, Number, or Location	Tank Material	Capacity (gallons)	Date Installed	Material Stored	Vapor Pressure of Material Stored (psia)

	Leak Protection Detection			
		Yes	No	<u>N/A</u>
40 CFR 280.42(b)	Are USTs double-walled tanks?			
40 CFR 280.43	What leak detection methods are used:			
40 CFR 280.43(d)	Automatic tank gauging system?			
40 CFR 280.43(e)	Vapor monitoring?			
40 CFR 280.43(f)	Groundwater monitoring via well sampling?			
40 CFR 280.43(g)	Interstitial monitoring?			
40CFR280.43(a-c)	Inventory control, manual gauging, and tightness testing?			
	Other			
40 CFR 280.20(a)	Type of cathodic protection for steel tanks:			
	Dielectric coating?			
	Impressed current system?			
	Sacrificial or galvanic anodes?			
	Other			
40 CFR 280.30(a)	Do spill catchment basins have liquids in them?			
40 CFR 280.20(c)	Is overfill prevention equipment (e.g., automatic shutoffs,alarms) operating properly?			

COMMENTS:



Underground Storage Tanks (cont.)

UST Maintenance			
	<u>Yes</u>	<u>No</u>	<u>N/A</u>
When were the tanks last emptied and cleaned?			
Have any USTs been repaired? If yes:			
Describe repairs:			
Was the tank tightness-tested after the repair?			
Do you see any staining of the soil or ground surrounding the tank area?			
Have any USTs been found to be leaking? Ifyes: Describe actions taken:			
	When were the tanks last emptied and cleaned? Have any USTs been repaired? If yes: Describe repairs: Was the tank tightness-tested after the repair? Do you see any staining of the soil or ground surrounding the tank area? Have any USTs been found to be leaking? If yes:	Yes When were the tanks last emptied and cleaned? Have any USTs been repaired? If yes: Describe repairs: Was the tank tightness-tested after the repair? Do you see any staining of the soil or ground surrounding the tank area? Have any USTs been found to be leaking? If yes:	YesNoWhen were the tanks last emptied and cleaned?

	UST Recordkeeping		
Are the following U	IST records available:		
40 CFR 280.22	UST registration or notification forms submitted to the appropriate state agencies?		
40 CFR 280.31	Cathodic protection system inspection reports?		
40 CFR 280.45	Leak detection system monitoring results?		
40 CFR 280.45(b), 280.43(c), 280.33(d)	Tank tightness test results?		
40 CFR 280.33(f)	UST system repair or upgrade records?		
40 CFR 280.74	UST closure or change of service notification?		
40 CFR 280.53	Spill or overflow reports?		
40 CFR 280.63, 280.66	UST site assessment and corrective action reports?		

Piping				
	Buried On-site Pipelines			
		<u>Yes</u>	<u>No</u>	<u>N/A</u>
40 CFR 280.20(b) and 112.8(d)	Are there buried pipelines? If yes:			
11210(0)	Do buried steel pipelines have cathodic protection?			
40 CFR 280.41(b)	Are buried pipelines pressurized or suction piping?			
40 CFR 280.42(d)	Do buried pipelines have secondary containment (double-walled or trench liners)?			
40 CFR 280.31(a-c)	Has the cathodic protection for buried steel pipelines been tested? If yes:			
	When?			
40 CFR 280.45	Are there records of buried pipeline automatic leak detection monitoring or integrity testing?			
40 CFR 280.31(d)	Are there records of buried steel pipeline cathodic protection inspections?			
40 CFR 112.8(d)(4)	Are there records of integrity and leak testing at the time of buried pipeline installation, modification, relocation, orreplacement?			
	Aboveground On-site Pipelines			
	Are there aboveground pipelines? If yes:			
	Have any pipelines been repaired? If yes:			
	When?			
	Are there expansion relief valves that bleed over-pressurized product back to the tank?			
	Are there emergency shutoff valves or impact valves in the pipeline (sometimes at the tank or product dispenser)?			
29 CFR 1910.106(c)(3)	Are flammable and combustible liquid pipe joints vapor- and liquid-tight?			
	Are there line leak detectors or alarms that indicate leaks in the lines?			
	Are there other leak detection methods employed (tightness testing, soil vapor monitoring, groundwater monitoring, interstitial monitoring, etc.)			
40 CFR 112.8(d)(4)	Are aboveground pipelines (and pipe supports, connecting joints, valves, gauges, pumps, appurtenances, and catch basins) inspected regularly?			
	Are there any out-of-service pipelines? If yes,			
40 CFR 112.8(d)(2)	Are lines out-of-service for extended periods capped or blind-flanged?			
40 CFR 112.7(e)	Are there records of aboveground pipeline inspections (including pipe supports, connecting joints, valves, gauges, pumps, and catch basins)?			

COMMENTS:

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Piping (cont.)

Off-site or (Cross-country	/ Pine	lines

		Yes	No	<u>N/A</u>
49 CFR 195.410	Do off-site or cross-country pipelines have line markers or signs?			
49 CFR 195.302	Have off-site pipelines been pressure-tested? If yes:			
	When?			
49 CFR 195.452(j)	Have pipelines in high consequence areas been integrity-tested in the past 5 years?			
	Do off-site pipelines have breakout tanks or pump stations? If yes:			
	Are breakout tanks and pump stations provided with:			
49 CFR 195.430	Firefighting equipment?			
49 CFR 195.428	Overfill protection system?			
49 CFR 195.434	Signs with the operator and emergency contact phonenumbers?			
49 CFR 195.438	No smoking signs?			
49 CFR 195.436	Security to protect from vandalism and unauthorized entry?			
	Off-site or Cross-country Pipeline Recordkeeping			
49 CFR 195.404	Are maps of the pipeline system current?			
49 CFR 195.402	Is there a manual of written procedures for conducting normal operations and main- tenance activities (e.g., pressure test results) and for handling emergencies?			
49 CFR 195.452	Is there a written integrity management program for pipelines in highly populated areas, ecologically sensitive areas, and near navigable waterways?			
49 CFR 195.440	ls there a written continuing public education program consistent with API Standard 1162?			
49 CFR 195.442	Is there a written damage prevention program addressing dangers of excavation near the pipeline?			
49 CFR 195.446(a)	Is there a control room that monitors and controls all or part of apipeline facility through a SCADA system? If yes:			
49 CFR 195.446 (b)–(j)	Are there written control room management procedures?			
49 CFR 195.505	Is there a written operator qualification program?			
49 CFR 195.403	Are employees given emergency response training annually?			
49 CFR 195.412(a)	Are off-site or cross-country pipelines inspected at least every 2 weeks?			
49 CFR 195.412(b)	Are lines under navigable waters inspected every 5 years?			
49 CFR 195.420(b)	Are pipeline valves inspected and maintained every 6 months?			
49 CFR 195.432(a)	Are breakout tanks inspected annually?			
49 CFR 195.55	Were safety-related condition reports submitted for corrosion damage, material defects, pipeline movement (e.g., from earthquakes or floods), or malfunctions?			
49 CFR 195.310	Are pipeline pressure test results available?			
49 CFR 195.49	Was the annual report submitted to PHMSA by June 15?			



Fuel Dispensing

	Fuel Loading and Unloading Areas			
		<u>Yes</u>	No	<u>N/A</u>
	Do loading areas have roofs?			
40 CFR 112.7(h)	Do loading areas have curbing or a containment system?			
	Do loading areas have floor drains? If yes:			
	Where do floor drains discharge?			
40 CFR 112.8(d)(5)	Are vehicles warned (verbally or visually) to avoid endangering piping and transfer operations?			
40 CFR 112.7(g)	Are out-of-service and loading/unloading connections of oil pipelines secured?			
40 CFR 112.7(g)	Are starter control pumps in an area restricted to authorized personnel?			
40 CFR 112.7(h)(3)	Prior to truck or rail car filling and departure, are drains, outlets, and overfill protection (Scully system) inspected and secure?			
40 CFR 112.7(h)(2)	Are there means of preventing a vehicle from leaving before completely disconnecting from fuel transfer lines (warning lights, signs, physical barriers, etc.)?			
	Are emergency shutoffs accessible and well marked?			
40 CFR 112.8(d)(2)	Are loading and unloading pipeline connections securely capped or blind-flanged when taken out of service?			
29 CFR 1910.106(f)(7)	Are there means of preventing flammable and combustible liquids spilled at loading and unloading points from entering sewers and drainage systems?			
29 CFR 1910.106(f)(6)	Are "No Smoking" signs posted and ignition sources prohibited where flammable liquids are handled, drawn, or dispensed?			
29 CFR 1910.106(f)(5)	Are electrical installations explosion proof?			
29 CFR 1910.106(f)(3)(iv)	Are grounding and bonding cables for flammable liquids in good condition?			
29 CFR 1910.106(e)(9)(iv)	Is the area near flammable and combustible liquid operations kept free of weeds, trash, and combustible materials?			
	Marine Terminal or Pier Facilities			
33 CFR 154.300(b)	Does the marine terminal have a current operations manual?			
29 CFR 1910.106(f)(4)	Do pier loading pumps carrying flammable and combustible liquids have means to protect against excessive pressure (e.g., bypasses, relief valves)?			
33 CFR 154.740 and 29 CFR 1910.106(f)(4)	Are pier pressure hoses and couplings inspected regularly?			
33 CFR 154.735 and29 CFR 1910.106(f)(4)	Are fire extinguisher locations marked and located within 75 feet of hose connections, pumps, and separator tanks at the pier?			
33 CFR 154.545	Does the terminal have enough containment equipment available to capture any petroleum discharges onto the water?			
33 CFR 154.735 and 29 CFR 1910.106(f)(6)	Are "No Smoking" signs posted and ignition sources prohibited where flamma- ble and combustible liquids are handled, drawn, or dispensed?			



	Ianks			
		<u>Yes</u>	<u>No</u>	<u>N/A</u>
40 CFR 60.7(a)(1)	Was their written notification to EPA or the state agency for construction, reconstruc- tion, or modification of petroleum storage tanks or terminals?			
	Are there emission control devices associated with the facility's operations? If yes, what kind?			
40 CFR 60.113a(a) & 60.113b(b)	For external floating-roof tanks, are primary seals inspected every 5 years and second- ary seal seals inspected annually? Are gap measurements recorded and maintained on-site for 2 years (5 years for Title V facilities)? (Does not apply to tanks constructed prior to 1978)			
40 CFR 60.113b(b)(6)	For external floating-roof tanks, are seals and fittings inspected each time the tank is emptied and degassed, and is the agency notified prior to filling (for tanks constructed or modified after 1984 only)?			
40 CFR 60.113b(a)	For internal floating-roof tanks, are visual inspections of the primary and secondary rim seals conducted annually and recorded (for tanks constructed or modified after 1984 only)?			
40 CFR 60.113b(a)(5)	For internal floating-roof tanks, is there written agency notification prior to filling or refilling the tanks after visual inspection of the primary and secondary seals (for tanks constructed or modified after 1984 only)?			
	Distribution			
40 CFR 60 Subpart XX	Is the facility a gasoline distribution terminal with throughput of 20,000 gallons or more? If yes			
40 CFR 63 Subpart R	Does the facility receive gasoline by pipeline, ship, or barge?			
40 CFR 60.505(c)	Are there records of monthly leak inspections for the loading rack and vapor collection system?			
40 CFR 60.505(a)	Does the facility maintain cargo tank vapor-tightness documentation for tanker trucks filled?			
40 CFR 63 Subpart EEEE	Does your facility distribute organic liquids other than petroleum?			
40 CFR 63.2334	Are you located at or part of an installation considered a major source of hazardous air pollutant emissions? If yes:			
40 CFR 63.6(e)(3)	Do you have a written startup, shutdown, and malfunction plan?			



Equipment (Generators and Refrigerants)

<u>Yes</u>	No	<u>N/A</u>

40 CFR 63 Subpart ZZZZ Are there any stationary engines on-site? If yes, complete the following:

Engine Name, Number, or Location	Compression Ignition or Spark Ignition (if spark ignition-specify 2- stroke or 4-stroke)	Date Manufactured	Date Installed	Rated Capacity (hp)	Used for Emergency Purposes Only		ncy
40 CFR 60 Subparts IIII & JJJJ	Do you have documentation show were certified by the manufacture				<u>Yes</u>	<u>No</u>	<u>N/A</u> □
40 CFR 60 Subparts IIII & JJJJ; 40 CFR 6 3 Subpart ZZZZ	Do emergency engines have a no	n-resettable hour me	eter installed?				
40 CFR 60 Subparts IIII & JJJJ; 40 CFR 63	For emergency engines, are there operating?	e records of the opera	ating hours and re	eason for			
Subpart ZZZZ 40 CFR 82 Appendix F	Does the facility use any equipment that contains ozone-depleting substances (ODS) (i.e., refrigerants)? If yes:						
40 CFR 82, Subpart E	Are there appropriate warning labels?						
40 CFR 82, Subpart F	Have leaks been fixed within 30 days?						
40 CFR 82.161	Are maintenance and repairs performed by a certified technician?						
40 CFR 82.166	Are service records available for	the past 3 years?					
	Air Perm	its, Recordkeepi	ing, Misc.				
40 CFR 63 Subpart ZZZZ	Are there any stationary engines	on-site? If yes, comp	lete the following	:			
	Is the facility a major source? (i.e., Permit?)	, does the facility hav	/e a Title V Operat	ing			
	Have there been any changes in e permit was received?	emission levels or op	erating practices	since the air			
	Is the facility located in a nonatta	inmentarea?					
	Has the facility received any nuisa neighbors?	ance (odor, smoke, n	oise) complaints f	rom			
40 CFR 60 Subpart A and 40 CFR 63 Subpart A	Was an annual Air Emission Inver agency (Title V facilities only)?	ntory Report and/or	fees submitted to	the state			
	Were any notifications provided by applicable NSPS and/or NESH			as required			
	Are all required records being ma has a Title V operating permit)? (tanker truck vapor-tightness doc inspections if subject to Subpart plans, measured values and testi to Kb, etc.)	This includes copies cumentation and do XX, seal inspections	of any notificatio cumentation of m for Subparts Ka a	ns submitted, nonthly leak and Kb, O&M			



Hazardous Waste Management

	Hazardous Waste Recordkeeping			
		Yes	<u>No</u>	<u>N/A</u>
	What type of hazardous waste generator is thefacility? ¹			
40 CFR 262.13	Large quantity generator (LQG)			
40 CFR 262.13	Small quantity generator (SQG)			
40 CFR 261.13	Very small quantity generator Small Quantity Generator (VSQG)			
40 CFR 262.18	Does the facility have an EPA identification number?			
40 CFR 262.18	Is there a copy of EPA form 8700–12 "Notification of Regulated Waste Activity" in the files? If yes:			
	Is the information provided current such as the facility contact person named, the waste codes identified, and the generator status (LQG, SQG, or VSQG*)?			
40 CFR 262.42	Did you receive a signed copy of each manifest within 35 days of shipment from a receiving TSD or recycling facility? If no, was a phone call documented to determine shipment status, and was an exception report filed as appropriate?			
40 CFR 262 Subpart B	Are copies of each manifest signed by the facility, transporter, and receiving TSD or recycling facility kept for 3 years?			
40 CFR 268.7(a)(2)	Did the facility send a land disposal notification or certification form for each particu- lar waste type with the initial shipment to the receiving TSD or recycling facility?			
40 CFR 262.41	If the facility is a large quantity generator, ¹ was the annual or biennial hazardous waste report submitted to the agency by March 1 St (or per state regulations)? If yes:			
	Is a copy maintained in the files?			
	Satellite Accumulation Drums			
40 CFR 262.15	Is there a satellite accumulation drum for collecting hazardous waste? If yes:			
40 CFR 262.15	Is the drum located where it is observed and monitored by the generator or operator?			
40 CFR 262.15	Is the drum marked with the words "HazardousWaste" and an indication of the hazards of the contents?			
40 CFR 262.15	Is the drum kept closed except when adding or removing waste?			
40 CFR 262 Subpart M or 262.16(b)(9)	Is emergency information (e.g., name and no. for the fire department and the quali- fied individual (QI) posted near the phone closest to the hazardous waste drum?			
40 CFR 262 Subpart M or 262.16(b)(9)	Is emergency equipment available near the hazardous waste drum (e.g., fire extin- guishers, spill control supplies, absorbents, safety data sheets [SDSs])?			
1Contact your state a	gency for the specific definition of generator status. In general an LOG produces 2 200 lbs of bazars	tous wast	o por mo	nth Δn

¹Contact your state agency for the specific definition of generator status. In general, an LQG produces 2,200 lbs of hazardous waste per month. An SQG produces 220 to 2,220 lbs per month, and a VSQG produces less than 220 pounds permonth.

COMMENTS:

FACILITY NAME:



Hazardous Waste Management (cont.)

Hazardo	ous waste Central Accumulation Area for SQG and LQGS (Indoor and	Jutao	or)	
		<u>Yes</u>	No	<u>N/A</u>
40 CFR 265 Subpart B	Is the hazardous waste storage area clearly identified (e.g., sign)?			
40 CFR 262.16 or 262.17	Are hazardous waste containers closed?			
40 CFR 265.193	Does the hazardous waste storage area have secondary containment?			
40 CFR 262.16 and 262.17	Is there sufficient aisle space in the hazardous waste storage area toallow unob- structed movement of personnel and equipment and can you also see the drum labels?			
40 CFR 262.16, or 262.17	Are hazardous waste containers labeled with either 1) the date accumulation began or 2) the date when the satellite accumulation area drum became full before it was moved to the central accumulation area?			
40 CFR 2625.16 or 262.17	Are hazardous waste containers and the accumulation area inspected weekly?			
40 CFR 262.17	Are containers holding ignitable or reactive hazardous waste stored at least 50 feet from the property line?			
40 CFR 262.16 or 262 Subpart M	Is the hazardous waste storage area equipped with:			
	Internal communications system or alarm system?			
	Telephone or two-way radio?			
	Portable fire extinguishers or fire control equipment?			
	Spill control equipment?			
	Decontamination equipment?			
	Water of adequate volume for hoses, sprinklers, or water spray systems?			
40 CFR 262.16 or 262 Subpart M	Is emergency equipment routinely tested to ensure proper operation?			
40 CFR 262.16 or Subpart M	Has the facility made arrangements to familiarize local authorities with the charac- teristics of the facility?			
40 CFR 262.16 or 262 Subpart M	Are there agreements in place with emergency response contractorsand equip- ment suppliers?			
40 CFR 262.16 or 262 Subpart M	Is there one employee on the premises or on call with the responsibility of coor- dinating hazardous waste emergency response measures? If yes: List name and contact number of the emergency coordinator:			
58 FR 31114, 5/28/93	Has the facility implemented a hazardous waste minimization program?			

COMMENTS:



Hazardous Waste Management (cont.)

	Hazardous Waste Management Training			
		Yes	No	<u>N/A</u>
40 CFR 262.17(a) (7)	Is the facility a large quantity generator of hazardous waste(>2,200 lbs/mo.)? If yes:			
	Is there a written hazardous waste training program addressing:			
	Emergency response procedures?			
	Emergency equipment inspection, monitoring, and repair?			
	Responses to fires or explosions?			
	Shutdown operations and alarm systems?			
	Do training records include employee name, job title, and job description related to hazardous waste management?			
40 CFR 262.17(a) (7)	Is hazardous waste management awareness training conducted annually?			
40 CFR 262.16(b) (9)(iii)	Is the facility a small quantity generator of hazardous waste (220 to 2200 lbs/mo.)? If yes:			
	Is an awareness training conducted so all employees are familiar with proper waste handling and emergency procedures relevant to hazardous waste?			
49 CFR 172.704	Have personnel signing hazardous waste manifests been trained (every 3 years) in DOT packaging, labeling, marking, placarding, and shipping paperrequirements?			



Specific Waste ¹				
		<u>Yes</u>	<u>No</u>	<u>N/A</u>
	Does the facility generate or handle the following waste:			
40 CFR 279.22	Oil or grease? If yes:			
	Are waste oil containers labeled "Used Oil"?			
	Are used oil containers stored inside?			
	Are used oil containers stored outside? Ifyes:			
	Is there secondary containment around the container? (required if the facility has an SPCC plan)			
	Is used oil recycled?			
40 CFR 266 and/or 273 Batteries – lead-acid, nickel-cadmium, lithium, silver button, etc.? (Does not include alkaline batteries.)				
40 CFR 273	40 CFR 273 Light bulbs or tubes (fluorescent, high-intensity discharge, neon, mercury vapor, high-pressure sodium, and metal halide)?			
40 CFR 273	Mercury-containing equipment (thermostats, barometers, gauges, and switches)?			
40 CFR 82	Ozone-depleting substances (chlorofluorocarbons, halons, certain refrigerants, solvents, and foams)?			
40 CFR 261.3941	Cathode ray tubes (CRT) (computer monitors, televisions)?			
40 CFR 273	Does the facility contract pesticide applications?			
40 CFR 273 Subpart B&C	Has the facility set up a waste management program for universal wastes, such as light bulbs, batteries, mercury-containing equipment, and pesticides?			
40 CFR 273.16	Are all employees informed of proper handling and emergency procedures for universal waste?			
40 CFR 61 Subpart M	Are there known asbestos-containing materials at the facility?			
40 CFR 761.50, 761.60 and 761.62	Is there any electrical equipment present at the facility (e.g., transformers, capacitors, light ballasts, etc.) that was manufactured prior to 1978 and may contain PCBs?If yes:			

¹The following materials are classified as Universal Wastes within certain states, and will have specific regulatory requirements in addition to those identified above: aerosol cans (CA, CO, WA); antifreeze (LA, NH); ballasts (ME, MD, VT); barometers (NH, RI); electronics (AR, CA, CO, CT; LA, MI, NE, and NJ); oil–based finishes (NJ); CRTs (ME, NH, and RI); paint and paint-related waste (TX), and pharmaceuticals (MI and FL). This list is not comprehensive. Check each state for specific regulatory requirements and up-to-date information.



	Solid Waste			
		<u>Yes</u>	No	<u>N/A</u>
	Are the surroundings near the solid waste containers and dumpsters free from debris?			
	Does the facility have a scrap yard or a bone yard?			
	Does the facility generate:			
	Laboratory waste?			
	Salvage material?			
	Demolition material?			
	Old drums?			
	Yard waste?			
	Spill waste (e.g., absorbents, mats/pads, booms, sorbents, soil, sediment, etc.)?			
	Other:			
E.O. 13834 ¹	Does the facility have a recycling program? If yes:			
	Describe:			
E.O. 13834 ¹	Does the facility have a waste diversion program? If yes:			
	Describe:			
E.O. 13834 ¹	Does the facility minimize waste through a source reduction program? If yes:			
	Describe:			

¹ E.O. 13423 and E.O. 13514 were previously revoked; the replacement Order is E.O. 13834 Efficient Federal Operations, signed May 17, 2018.

COMMENTS:

APPENDIX D CHECKLISTS



Stormwater Management

	General Information			
	Identify the nearest surface water by name (including distance and direction):	<u>Yes</u>	<u>No</u>	<u>N/A</u>
	Is the facility in a 100-year floodplain?			
40 CFR 122.26(b)	Is precipitation runoff directed away from active portions?			
(14)	Is runoff originating from active portions collected?			
	Are there any stormwater retention ponds on-site?			
	Does runoff from neighboring facilities impact this facility?			
40 CFR 122.26(b) (14)	Does the facility have vehicle and equipment maintenance shops (e.g., vehicle and equipment rehabilitation, mechanical repairs, painting, fueling, lubrication, and equip- ment cleaning)?			
40 CFR 122.26(b) (14) and MSGP ¹	Is the facility a petroleum bulk station or terminal (SIC 5171)? If yes:			
	Did the facility submit a Notice of Intent (NOI) to obtain a Multi-Sector			
	General Permit for stormwater discharges?			
40 CFR 122.26(b) (14)	Does the facility have an individual NPDES permit for stormwater discharges?			
40 CFR 122.21	Does the facility have an individual NPDES permit for wastewater discharges? If yes:			
	Does it also include requirements for stormwater discharges?			

¹MSGP means Multi-sector General Permit. The EPA MSGP addresses land transportation facilities in Sector P, such as fuel terminals (SIC 5171), and Sector S is for air transportation (SIC 4512–4581).

	Stormwater Pollution Prevention Plan (SWPPP)			
		<u>Yes</u>	No	<u>N/A</u>
40 CFR 122.26 and MSGP	Did the facility develop and implement a SWPPP?			
	Are employees familiar with best management practices (BMPs) for stormwater controls identified in the SWPPP?			
	Are BMPs in good order and functioning properly?			
	Are quarterly visual examinations of stormwater outfalls associated with industrial activity performed within 30 minutes of rain events?			
	Have any visual observations of contamination (iridescent sheen or rainbow colors) been observed at stormwater outfalls?			
MSGP Sector S	ls the facility an air transportation facility (e.g., maintenance shops, equipment-cleaning operations, and aircraft or runway deicing and anti-icing operations)? If yes:			
	Does the facility use more than 100,000 gallons per year of glycol-based deicing agents?			
40 CFR 122.26(b) (14)	Is precipitation runoff directed away from active portions?			
	Does the facility use more than 100 tons per year of urea? If yes (to either question):			
	Have samples of stormwater runoff been collected and analyzed?			



Stormwater Management (cont.)

	Stormwater Training			
MSGP Sector S&P	Are employees trained or briefed annually on the SWPPP and BMPs? If yes, does the briefing instruct personnel:	<u>Yes</u>	<u>No</u>	<u>N//</u>
	In good housekeeping and material management practices?			
	About the SWPPP requirements?			
	About spill prevention, response, and control?			
	Stormwater Recordkeeping			
40 CFR 122.26(b)(14)(viii)	Is the facility identified by any of the following SIC codes: 40, 41, 42, 45, or 5171? If yes to any of the SIC codes above:			
MSGP Sector S&P	Are visual examinations of stormwater outfalls within first 30 minutes of rain or snow event documented (in the SWPPP) on a quarterly basis?			
MSGP Sector S&P	Are there annual reports (usually filed in the SWPPP)?			
	Are analyses of stormwater samples and discharge monitoring reports (DMRs) required in the stormwater permit and retained?			
	Construction Site Runoff			
40 CFR 126.26(b)(15)	Construction Site Runoff Does the facility have any planned or actual construction projects affecting 1 acre or greater? If yes:			
40 CFR 126.26(b)(15)	Does the facility have any planned or actual construction projects affecting 1 acre			
40 CFR 126.26(b)(15)	Does the facility have any planned or actual construction projects affecting 1 acre or greater? If yes: Does the facility have authorization to discharge under a General Permit for			
40 CFR 126.26(b)(15) 40 CFR 450.21(a)	Does the facility have any planned or actual construction projects affecting 1 acre or greater? If yes: Does the facility have authorization to discharge under a General Permit for Stormwater Discharges from Construction Activities?			
	 Does the facility have any planned or actual construction projects affecting 1 acre or greater? If yes: Does the facility have authorization to discharge under a General Permit for Stormwater Discharges from Construction Activities? Was an SWPPP prepared? Are effective erosion and sediment controls installed, implemented, and 			
40 CFR 450.21(a)	 Does the facility have any planned or actual construction projects affecting 1 acre or greater? If yes: Does the facility have authorization to discharge under a General Permit for Stormwater Discharges from Construction Activities? Was an SWPPP prepared? Are effective erosion and sediment controls installed, implemented, and maintained to minimize the discharge of pollutants? Has any disturbed construction area that has temporarily ceased activity, 			
40 CFR 450.21(a)	 Does the facility have any planned or actual construction projects affecting 1 acre or greater? If yes: Does the facility have authorization to discharge under a General Permit for Stormwater Discharges from Construction Activities? Was an SWPPP prepared? Are effective erosion and sediment controls installed, implemented, and maintained to minimize the discharge of pollutants? Has any disturbed construction area that has temporarily ceased activity, exceeding 14 days, been temporarily stabilized? Have disturbed areas that have permanently ceased on any portion of the site 			

💟 Wastewater Management

	Wastewater Discharge			
		Yes	<u>No</u>	<u>N/A</u>
	Does the facility discharge wastewater to surface water (streams, rivers, ponds)?			
40 CFR 122.21	Does the facility have an NPDES Permit for this discharge?			
	Does the facility have an oil/water separator?			
	Is the oil pumped out of the oil/water separator? If yes:			
	How frequently? Describe:			
	Where does the wastewater in the oil/water separator discharge (storm sewer, sanitary sewer, other)?			
	How is the oil from the oil/water separator managed?			
E.O. 13834 ¹	Is there any other wastewater treatment on-site?			
	Does the facility track their water consumption and practice water conservation?			
	Sewer Discharge			
	Does the facility have a septic tank?			
	Does the facility have a septic drain field?			
	Does the facility discharge to sanitary sewers flowing to a publicly owned			
	treatment works (POTW)?			
	Are there floor drains in any buildings?			

Are there lab drains? Does the POTW know of the facility's discharge? Does the facility have a permit or letter of acknowledgement from the POTW? Does the facility have copies of the local sewer use ordinance?

¹ E.O. 13423 and E.O. 13514 were previously revoked; the replacement Order is E.O. 13834 Efficient Federal Operations, signed May 17, 2018.

COMMENTS:



Emergency Response Preparation

rigency response rieparation			
Oil and Hazardous Substance Spill Prevention			
	<u>Yes</u>	No	<u>N/A</u>
Does the facility have a designated person who is accountable for oil and hazardous substance spill prevention, such as the QI? If yes,			
Who is the QI?			
Are spill prevention briefings conducted at least annually to ensure adequate under- standing of SPCC and spill response plans? Ifyes:			
Does the briefing instruct personnel:			
In the operation and maintenance of equipment to prevent the discharge of oil and hazardous substance?			
In applicable pollution control laws, rules, and regulations? Known spill events, failures, or malfunction components? Recently developed precautionary measures?			
Preparedness for Response Exercise Program			
Does the facility participate in the National Preparedness for Response Exercise Program (PREP) for compliance with the Oil Pollution Act of 1990? If yes:			
Does the facility conduct quarterly QI notification drills?			
Does the facility conduct annual spill management team tabletop exercises? If yes:			
Has one of these exercises in the past 3 years involved a worst-case discharge exercise?			
Does the facility conduct annual unannounced exercises? If yes:			
Was one of the unannounced exercises in the past 3 years an equipment deployment exercise?			
Does the facility conduct semi-annual equipment deployment exercises?			
Does the facility conduct annual Oil Spill Removal Organization (OSRO) equipment deployment exercises?			
Does the facility response program include evacuation exercises/drills?			
	Oil and Hazardous Substance Spill Prevention Does the facility have a designated person who is accountable for oil and hazardous substance spill prevention, such as the QI? If yes, Who is the QI? Are spill prevention briefings conducted at least annually to ensure adequate understanding of SPCC and spill response plans? If yes: Does the briefing instruct personnel: In the operation and maintenance of equipment to prevent the discharge of oil and hazardous substance? In applicable pollution control laws, rules, and regulations? Known spill events, failures, or malfunction components? Recently developed precautionary measures? Does the facility participate in the National Preparedness for Response Exercise Program (PREP) for compliance with the Oil Pollution Act of 1990? If yes: Does the facility conduct annual spill management team tabletop exercises? If yes: Has one of these exercises in the past 3 years involved a worst-case discharge exercise? Does the facility conduct annual unannounced exercises? If yes: Was one of the unannounced exercises in the past 3 years an equipment deployment exercise? Does the facility conduct semi-annual equipment deployment exercises? Does the facility conduct semi-annual equipment deployment exercise?	Oil and Hazardous Substance Spill Prevention Yes Does the facility have a designated person who is accountable for oil and hazardous substance spill prevention, such as the Ql? If yes, Who is the Ql? Are spill prevention briefings conducted at least annually to ensure adequate understanding of SPCC and spill response plans? If yes: Does the briefing instruct personnel: In the operation and maintenance of equipment to prevent the discharge of oil and hazardous substance? In applicable pollution control laws, rules, andregulations? Known spill events, failures, or malfunction components? Recently developed precautionary measures? Preparedness for Response Exercise Program Does the facility participate in the National Preparedness for Response Exercise Program (PREP) for compliance with the Oil Pollution Act of 1990? If yes: Does the facility conduct quarterly Ql notification drills? Does the facility conduct annual spill management team tabletop exercises? If yes: Has one of these exercises in the past 3 years involved a worst-case discharge exercise? Does the facility conduct annual unannounced exercises? If yes: Was one of the unannounced exercises in the past 3 years an equipment deployment exercise? Does the facility conduct semi-annual equipment deployment exercises? Does the facility conduct semi-annual equipment deployment exercises? Does the facility	Oil and Hazardous Substance Spill Prevention Yes No Does the facility have a designated person who is accountable for oil and hazardous substance spill prevention, such as the QI? If yes, Who is the QI? Are spill prevention briefings conducted at least annually to ensure adequate understanding of SPCC and spill response plans? If yes: Does the briefing instruct personnel: In the operation and maintenance of equipment to prevent the discharge of oil and hazardous substance? In applicable pollution control laws, rules, andregulations? Known spill events, failures, or malfunction components? Recently developed precautionary measures? Does the facility participate in the National Preparedness for Response Exercise Program Does the facility conduct quarterly QI notification drills? Does the facility conduct annual spill management team tabletop exercises? If yes: Has one of these exercises in the past 3 years involved a worst-case discharge exercise? Does the facility conduct annual unannounced exercises? If yes: Was one of the unannounced exercises in the past 3 years an equipment deployment exercise? Does the facility conduct semi-annual equipment deployment exercises? Does the facility conduct semi-annual equipment deployment exercise? Does the facility conduct annual Oil Spill Removal Organization (OSRO) equipment deployment exercises?

33 CFR 154.1055If the facility is a marine terminal, are announced and unannounced spill management
team exercises conducted annually?



Chemical and Material Handling

	Community Right-to-Know			
		Yes	No	<u>N/A</u>
40 CFR 370.10	Does the facility have any hazardous chemicals stored on-site (i.e., any with SDSs) at any one time greater than 10,000 lbs or 4,540 kg (this includes pure form and quantities in mixtures)? If yes:			
40 CFR 370.30 to 370.33	Did the facility submit a list or copies of SDSs to the state emergency response commission (SERC), the local emergency planning committee (LEPC), and the fire department?			
40 CFR 370.40 to 370.45	Are these chemicals identified on the chemical inventory or Tier I/II report submitted annually to the SERC, LEPC, and the fire department with jurisdiction over your facility by March 1 st ?			
40 CFR 370.10 and	Does the facility have any chemicals on the extremely hazardous substances (EHS) list found in 40 CFR 355, Appendix A? If yes:			
40 CFR 355.10				
	Do any of the quantities of EHSs on-site exceed the corresponding threshold plan- ning quantities given in 40 CFR 355 Appendix B?			
	Do the quantities of EHSs exceed 500 lbs (227 kg or approx. 55 gallons)?			
40 CFR 355.30	If yes to the above thwo questions, has the facility notified their state commission and/or local committee of their EHS?			
40 CFR 370.30 to 370.33	Were these EHS included in the list or copies of SDSs submitted to SERC, LEPC, and the fire department?			
40 CFR 370.40 to 370.45	If yes to either question above, is this EHS chemical identified on the Tier I/II report submitted annually to your SERC, LEPC, and the fire department with jurisdiction for your facility by March 1 st ?			
	Does the facility have one or more of the 600 toxic chemicals listed in 40 CFR 372.65? If yes:			
40 CFR 372.22	Does the facility have more than 10 full-time equivalent employees?			
40 CFR 372.25	Did the facility manufacturer, prepare, process, or import 25,000 lbs or more of the toxic chemical per calendar year?			
40 CFR 372.25	Did the facility use 10,000 lbs or more of the toxic chemical per calendar year?			
40 CFR 372.30	Did the facility submit a Form R or Form A to the EPA and state agency by July 1 st for each toxic chemical above the reporting threshold?			
40 CFR 372.10	Does the facility have supporting documentation and calculations determining the amounts of toxic chemicals released and reported?			
49 CFR 172.704	Have personnel involved with preparing hazardous materials for shipment (drums, packages, tankers) been trained (every 3 years) in DOT packaging, labeling, marking, placarding, and shipping paper requirements?			
40 CFR 172.604	Upon review of several facility shipping papers, was a 24-hour emergency response telephone number identified on each shipping paper?			
49 CFR 172.602	Do facility personnel verify that each transporter carries written emergency response information for each hazardous material being transported to or from the facility?			
49 CFR 172.500	Do facility personnel confirm that each transport vehicle, prior to leaving the facility loaded with fuel, contains appropriate placards (on each side and each end)?			
49 CFR 172.506	Does the facility have placards to offer the carrier/transporter?			

FACILITY NAME:

Enforcement	Actions, S	pills, and	Cleanu	o Pro	jects
-------------	------------	------------	--------	-------	-------

Agency Inspections			
	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Has the facility received any notices of violation, administrative orders, consent orders, or OSHA citations in the past 3 years?			
Have any agency representatives inspected the facility in the past 3 years? If yes, complete the following:			

Agency	Date of Visit	Inspector's Name	Issues Identified

Spills						
		Yes	<u>No</u>	<u>N/A</u>		
	Are there areas of stained soil or dead vegetation?					
49 CFR 195	Has the facility released hazardous liquids (petroleum, petroleum products, anhydrous ammonia, or carbon dioxide) from a pipeline?					
40 CFR 302	Has the facility released (or had the potential to release) a hazardous substance in an amount over the reportable quantity (RQ) set in CERCLA?					
40 CFR 355.33	Has the facility had any release (or threatened release of) of an EHS or CERCLA hazardous substance that meets or exceeds the RQ set forth in EPCRA?					
40 CFR 262, 264, 265, 273, 279	Has the facility released into the environment (air, water or land) any hazardous waste, universal waste, or used oil?					
40 CFR 280	Has the facility had a release from a UST?					
40 CFR 761.125	Has the facility has a spill of polychlorinated biphenyl (PCB) liquids at concentra- tions of 50 ppm or greater?					
	Are spill records available?					

Complete the following for spills in the past 2 years:

Spill Date	Substance Spilled	Quantity Spilled	Location Spilled	Cleanup Action	Agency Notified



	Remediation			
		<u>Yes</u>	<u>No</u>	<u>N/A</u>
40 CFR 300 40 CFR 264	Is remediation activity being performed? If yes, is it according to:			
40 CFR 63, Subpart GGGGG, or 40 CFR 761	CERCLA/Superfund?			
	The RCRA corrective action process?			
	NESHAPs site remediation?			
	Voluntary Cleanup?			
	The PCB Spill Cleanup Policy?			
	Other?			
	Are there any groundwater monitoring wells at the facility? If yes:			
	How many?			
	Are they sampled regularly?			
	Is there any surface water monitoring/investigations?			
	If yes: Have subsurface soil investigations been conducted? If yes:			
	When?			
	Have any treatment systems been installed or operated at the facility? If yes:			
	When?			
	What type?			
	Have any USTs been removed? If yes:			
	When?			

COMMENTS:



Appendix D.2 Environmental Management System Checklist

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Environmental Management System Checklist¹

Understanding the Organization and its Context						
		<u>Yes</u>	<u>No</u>	<u>N/A</u>		
Section 4.1	Has internal & external environmental conditions that are relevant to the organization been identified?					
Section 4.2	Have those who are interested in your environmental performance been identified?					
Section 4.2	Have the needs and expectations of your interested parties been determined?					
Section 4.2	Have those requirements that have become compliance obligations been identified?					
	Scope of EMS					
Section 4.3	Has the scope of your environmental management system (EMS) been defined and documented?					
Section 4.3	Is there evidence that risks and opportunities related to environmental aspects, compliance obligations and other issues have been identified and addressed?					
Section 4.3	Have emergency situations been determined, within the scope of the EMS, including those that can have an environmental impact?					
Section 6.1	Does the organization monitor emerging concerns relevant to the organiza- tion's mission?					
	Environmental Policy					
Section 5.2	Has top management approved or signed the environmental policy?					
Section 5.3	Has an EMS management representative been identified and given authority to oversee and implement the policy?					
Section 5.2	Are employees, leadership, and contractors made aware and/or trained on the policy? If yes: How?					
Section 7.3	Has the facility distributed the environmental policy to all employees? If yes:					
	How?					
	Environmental Aspect					
Section 6.1.2	What are the environmental aspects of the organization's activities, products, and services?					
Section 6.1.2	Does the location of the organization require special environmental consideration (e.g., sensitive environmental areas)?					
Section 6.1.2	How will any intended changes or additions to activities, products, or services					
	affect the environmental aspects and their associated impacts?					
Section 6.1.2	Have the cumulative effects of smaller activities been taken into account?					
Section 6.1.3	Are the environmental aspects of the procurement of new materials and subcon- tracting identified and considered? If yes:					
	How are these environmental aspects and their associated impacts communicated					
	to suppliers/contractors?					

¹Source: International Organization for Standardization. ISO 14001:2015, Environmental Management Systems—Requirements with Guidance for Use. 2015(E)

	Compliance Obligations			
		<u>Yes</u>	<u>No</u>	<u>N/A</u>
Section 6.1.3	Does the organization access and identify relevant compliance obligations and other requirements? If yes:			
	How?			
Section 6.1.3	Has the facility developed a procedure to identify and have access to compliance requirements of the facility's activities, products, and services?			
Sections 7.3	Does the organization communicate relevant information on compliance obliga- tions and other requirements to employees? If yes:			
	How?			
Section 6.1.3	Have NEPA mitigation activities been addressed? If yes:			
	How?			
Section 6.1.3	Have any agreements (e.g., consent agreements) with public authorities been signed that have an effect on the environmental impact of the facility's processes?			
	Objectives, Targets, and Programs			
Section 6.2.1	Have mission needs been taken into account in the development of objectives and targets? If yes:			
	How?			
Section 6.2.1	Does the organization have a structure of communication that will ensure key contributors/organizations are aware of the facility's objectives and targets?			
Section 6.2.2	Does the environmental management planning process involve all responsible parties?			
Section 6.2.2	Are requirements (as related to objectives, targets, and programs) communicated throughout the organization? If yes:			
	How?			
	Resources, Roles, Responsibility, and Authority			
Section 7.1	Does the organization identify and allocate the human, technical, and financial resources necessary to meet its environmental objectives and targets, including those for new projects? If yes:			
	How?			
Section 5.3	Does the organization track the costs and benefits of environmental			
	activities? If yes: How?			
Section 5.3	What is the relationship between environmental responsibility and individual performance?			
Section 5.3	Is the relationship between environmental responsibility and individual perfor- mance periodically reviewed?			
		_	_	
Section 5.3	Has an ISO Environmental Management Representative been assigned the day– to–day management functions? If yes:			

Competence, Training, and Awareness Yes No N/A Section 7.3 Has top management established, reinforced, and communicated organization- \square \square \square al commitment to the environmental policy? If yes: How? Section 7.2 Does the installation identify competence training needs? If yes How? Section 7.2 Do housing areas contribute to a significant aspect? If yes: \square \square \square How are personnel in housing trained (e.g., recycling goals, prohibited disposal)? Section 7.2 Do you ensure contractors and subcontractors are properly trained in environ-mental areas? If yes: How? Section 7.2 Does the installation ensure that training continues to reflect changing data, policies, and objectives and targets or regulations? If yes: How? Communication Section 7.4.1 Has a process been established for communicating the organization's environ- \square \square \square mental policy and performance? If yes: Describe Section 7.4.2 Is it clear how information is communicated across the different functions and \square \square \square levels within the organization? Section 7.4.1 Does the organization meet with its counterparts if under realignment (if \square \square \square applicable)? Section 7.4.1 Does the organization's communication strategy appear to be effective? \square \square \square What evidence exists to support this conclusion? Section 7.4.2 Are your internal environmental communications used to: Demonstrate management commitment to the environmental policy and objectives? Answer questions and concerns about the facility's activities, products, and \square \square services and their environmental impacts? Increase awareness internally about the organization's policy, objectives, targets, \square \square \square and programs? Identify roles and responsibilities and authorities of key staff members? Section 7.4.2 Is internal communication adequate to support continual improvement around \square \square environmental issues? Section 7.4.2 Does the installation communicate environmental performance data internally, whenever appropriate? Section 9.2.2 Are results of the EMS and compliance audits and reviews communicated to \square \square \square affected organizations? If yes: How? Section 7.4.3 Have you considered voluntary reporting of environmental management and performance information to the general public? If yes: Have you recorded the decision on this matter? \square \square \square FACILITY NAME: DATE: INTERVIEWER INITIALS:

	Documentation			
		<u>Yes</u>	<u>No</u>	<u>NA</u>
Section 7.5.1	Are environmental management procedures identified, documented, communi- cated, and revised? If yes:			
	How?			
Sections 7.5.3	Do employees access EMS documentation needed to conduct their job activities? If yes:			
	How?			
Section 7.5.3	Have procedures been established that provide direction on where to obtain information on the operation of specific parts of the EMS?			
Section 7.5.1	Does the facility integrate EMS documentation with documentation of other systems the facility has implemented?			
	Control of Documents			
Section 7.5.3	Are procedures established and implemented to approve documents before use?			
Section 7.5.3	Are mechanisms used to communicate changes to controlled documents? If yes:			
	What?			
Section 7.5.3	Does the installation keep track of who has a controlled document? If yes:			
	How?			
Section 7.5.3	Is there a distribution list for controlled documents?			
Section 7.5.3	Is there a person authorized to:			
	Create documents? If yes:			
	Who?			
	Review documents? If yes:			
	Who?			
	Authorize documents? If yes:			
	Who?			
	Operational Control			
Section 8.1	Are operational controls reviewed? If yes:			
	How often?	_	_	_
Section 8.1	Has the facility documented standard operating procedures where their absence could lead to deviation from the environmental policy (compliance) and objec-tives and targets?			
Section 6.1.2	Have all functions, activities, and processes been identified that have significant environmental impact?			
Section 8.1	Have operational controls been identified for all these instances?			

COMMENTS:
	Emergency Preparedness and Response			
		<u>Yes</u>	No	NA
Section 8.2	Has the facility compared its documented contingency plan and/or risk manage- ment program with the ISO 14001 requirements for these procedures (i.e., is there a system for reviewing and revising existing plans)?			
Section 8.2	Have employees been trained on how to respond to accidents or emergency situations?			
Section 8.2	Has the facility coordinated with emergency services such as medical, fire depart- ments, and hazardous material teams?			
	Monitoring and Measurement			
Section 9.1.1	Is environmental performance regularly monitored? If yes:			
	How?			
Section 9.1.1	Does the installation know what type of instrumentation requires calibration and the calibration frequency? If yes:			
	How?			
Section 9.1.1	Are control processes in place to regularly calibrate and sample measuring and monitoring equipment and systems? If yes:			
	What type?			
Section 9.1.1	Has the installation established methods to calibrate monitoring equipment, making sure testing and monitoring equipment are working properly and the data is reliable?			
Section 9.1.1	Has the installation established procedures and installed equipment to monitor the process characteristics that can have a significant environmental impact?			
Section 9.1.1	Do the monitoring procedures enable the facility to measure its performance against its objectives and targets?			
Section 9.1.1	Are monitored indicators linked with the objectives?			
	Evaluation of Compliance			
Section 9.1.2	Does the installation have implemented procedures for periodically evaluating compliance with applicable legal requirements?			
Section 9.1.2	Is there a person responsible for performing compliance checks? If yes: Who?			
	Nonconformity, Corrective Action, and Preventive Actions			
Section 10.2	Does the facility have a system in place to review effectiveness of corrective and preventive actions and make changes when necessary?			
Section 10.2	Does the facility implement and record any changes in the documented procedures resulting from corrective and preventive actions? If yes:			
	How?			

	Control of Records						
		<u>Yes</u>	No	NA			
Section 7.5.3	Does the organization have the capability to identify and track key indicators of performance and other data necessary to achieve its objectives? If yes: What are these capabilities?						
Section 7.5.3	Do these records help measure the extent to which the facility has met its objec- tives and targets?						
Section 7.5.3	Are procedures for control of records implemented and maintained? If yes: How?						
Section 7.5.3	Is there a person responsible for maintaining the procedures for environmental records? If yes, who?						
Section 7.5.3	Are the records readily retrievable?						
Section 7.5.3	Have the record retention times been established?						
	Internal Audit						
Section 9.2.2	Does the facility have a system in place to periodically audit the EMS itself, as opposed to compliance audits? If yes: Who does this?						
Section 9.2.2	Does the facility make sure to alter, if necessary, the audit procedure, subject areas covered, and frequency, based on the results of previous EMS audits?						
Section 9.2.2	Do the people involved with implementing each core element of the EMS participate in these audits?						
Section 9.2.2	Is there a person responsible for arranging periodic EMS audits? If yes: How?						
Sections 9.2.2	Are audits documented? If yes: How?						
Section 9.2.2	Have previous EMS audit results been provided to management? If yes: How?						
	Management Review						
Section 9.3	Is the EMS periodically reviewed? If yes: What is the process?						
	What is the frequency for complete reviews (Note: It can be done in parts as long as the entire system is reviewed annually)?						
Section 9.3	Did the installation have a management review meeting? If yes: Who was present?						
	Are there meeting agendas/meeting minutes available for review?						
	Do meeting minutes include all of the management review criteria?						

Management Review (cont.)					
		<u>Yes</u>	<u>No</u>	<u>NA</u>	
Sections 9.3	ctions 9.3 Is management made aware of audit results (both EMS and compliance audits)? If yes: How?				
Section 9.3	When (e.g., during the management review)?				
	Does the review include:				
	The sustainability of the environmental policy?				
	Is it comprehensive enough?				
Does it still stake the facility to continuous improvement? Has it become obsolete?					
	Whether the objectives and targets still up-to-date and relevant to the organiza- tion's current activities, processes, and products?				
	Follow-up actions from previous management reviews?				
	Whether the EMS audits take place frequently enough and cover the right areas?				
	Whether the training system is properly implemented?				
	Any recommendations for improvement?				
	Whether the facility is making adequate progress concerning environmental indicators (e.g., objectives and targets)?				

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Appendix D.3 DLA Energy Safety Checklist

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DLA Energy Safety Checklist

🕅 🛄 🦉 General Facili	ty Information	
Interviewer:		Date:
Facility Name:		
Site Location:		County:
Physical Address:	Mailing Address:	
U.S. EPA Region:	USCG District:	

Facility Contact			
Name:	Title:		
Phone:	Email:		
Cellular/Pager:			

	Facility Description					
Check all	those that apply:					
	Aboveground storage tanks (ASTs)		Aircraft fueling		Site remediation	
	Underground storage tanks (USTs)		Aboveground piping		Septic tank or drain field	
	Truck/tanker loading and unloading		Underground piping		Surface water impoundments or ponds	
	Rail loading and unloading		Off-site or cross-country piping		Potable water well	
	Marine terminal		Oil/water separator(s)		Municipal water supply	
	Vehicle fueling or defueling		Laboratory		Underground injection control (UIC) well	

DLA Energy Safety Checklist

		Facility Desc	ription
Contractor Name:			Full-time Equivalent
Actual Property Owner:			Total Facility Size (acreage):
Facility Operating Hours	MonFri.:	Sat.:	Sun.:
Has the facility recently modif	ied or constructed r	new equipment?	What improvements or changes to the facility are planned?

What are the facility's Standard Industrial Classification (SIC) codes?

What are the facility's North American Industry Classification System (NAICS) codes?

	General Recordkeeping			
		<u>Yes</u>	<u>No</u>	<u>NA</u>
	Are safety records kept in a central file? If yes:			
	Where?			
	Is access to safety records adequately controlled?			
	Are safety records maintained in an orderly fashion? If yes:			
	Where?			
	Are employee medical and exposure records kept in a central file? If yes:			
	Where?			
	Is access to medical and exposure records adequately controlled?			
	Have employees been notified of their right to access their medical and exposure records?			
	Are employee health and safety training records kept in a central file? If yes:			
	Where?			
	Does the facility staff have access to applicable federal, state, and local regulations?			
	Are the appropriate OSHA posters placed in a conspicuous location?			
29 CFR 1904.32(a)	Is a log and summary of all recordable occupational injuries and illnesses (OSHA Form 300) properly maintained?			
	Are OSHA logs retained for at least 5 years?			
	Is the annual summary of injuries and illnesses posted from February 1 through April 30 in a conspicuous location?			



Safety Plans and Permits

Safety Management Plans					
Does the facility have	e any of the following plans:	Date Last <u>Revised</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>
29 CFR 1910.38	Emergency Action Plan or Fire Prevention Plan?				
29 CFR 1910.1200	Written Hazardous Communication Program?				
29 CFR 1910.95	Hearing Conservation Program?				
29 CFR 1910.134	Written Respiratory Protection Program?				
29 CFR 1910.146	Written Permit-required Confined Space Entry Program?				
29 CFR 1910.147	Written Lockout/Tagout Program?				
29 CFR 1910.1450	Chemical Hygiene Plan for Laboratory Operations?				
Other					



Security Systems						
		<u>Yes</u>	<u>No</u>	<u>N/A</u>		
	Is the facility enclosed with a fence?					
	Are there means to control entry through entrances? (e.g., attendant, television monitors, locked gates)					
	Housekeeping					
29 CFR 1910.22(a)	Are work areas clean?					
29 CFR 1910.23	Are permanent and portable ladders and rungs clean and in good condition?					
29 CFR 1910.22	Are portable ladders securely stored when not in use?					
29 CFR 1910. 141(a)(3)(ii)	Are spilled materials or liquids cleaned up immediately (e.g., no visible stains or other visual indications of long-standing spills)?					
	Are miscellaneous equipment and scrap metal (e.g., pumps, drums, hoses, piping, etc.) secured in a storage area?					
	Are the grounds well maintained and free of litter, debris, and scrap equipment?					
Fire Protection						
	Are employees familiar with the "No Smoking" policy?					
29 CFR 1910.157(c)(1) & (d) and 1910.106(e) (5)	Are fire extinguishers provided in adequate number and type, and readily accessible to employees?					
29 CFR 1910.157(e)	Are portable fire extinguishers visually inspected on a monthly basis?					
29 CFR 19190.157(e)	Are portable fire extinguishers inspected annually, recharged, and noted on the inspection tag?					
29 CFR 1910.157(f)	Has fire extinguisher hydrostatic testing been performed after repairs, corrosion, or damage to the shell?					
29 CFR 1910.158(e)	Are water hoses and nozzles inspected annually?					
29 CFR 1910.159(c)	Have automatic sprinkler systems been tested annually?					
29 CFR 1910.165(d)	Are employee warning alarm devices or systems tested every 2 months?					
29CFR1910.160163	Does the facility have fixed fire extinguishing systems (e.g., dry chemical, gaseous agents, or foam)? If yes:					
29 CFR 1910.160(b)(6)	Is the fixed system inspected annually?					
29 CFR 1910.160(b)(9)	Are extinguishing material containers inspected semiannually and recorded on the containers?					
29 CFR 1910.160(b)(5)	Are there hazard warning signs at the entrance to areas with fixed fire extin- guishing systems?					
29 CFR 1910.38 and 29 CFR 1910.39	Is there an Emergency Action Plan and/or Fire Prevention Plan?					

		<u>Yes</u>	<u>No</u>	<u>N/A</u>
29 CFR 1910.151(b)	Are first aid kits easily accessible to each work area?			
29 CFR 1910.151(b)	Are first aid kit supplies periodically inspected and replenished as needed?			
29 CFR 1910.151(c)	Are emergency eye wash and shower facilities within the immediate work area where employees are exposed to injurious corrosive materials?			
29 CFR 1910.1030(d)(3)	Is bloodborne pathogen personal protective equipment (PPE) readily available where there is a potential for exposure (i.e., first aid providers)?			
	Electrical Safety			
29 CFR 1910.147(c)(4)	Does the facility have written procedures for the use of lockout/tagout devices to repair or perform service for each machine and piece of equipment?			
29 CFR1910.147(c)(7)	Have employees been trained to recognize hazardous energy sources and the proper lockout/tagout safeguards?			
29 CFR 1910.147(c)(6)	Are annual inspections of lockout/tagout procedures conducted to verify effectiveness?			
29 CFR 1910.303(f)	Are service feeders and circuits (breakers and switches) labeled at their discon- nect (panel or switch) indicating what they control if the function or purpose is not obvious?			
29 CFR 1910.305(b)(3)(iii)	Are electrical cabinets and doors for systems >600 volts marked "High Voltage"?			
	Confined-space Entry			
29 CFR 1910.146(g)	Have personnel received confined-space entry training?			
29 CFR 1910.146(c)	Are danger signs posted near confined spaces that pose a potential or actual safety or health hazard (permit-required)?			
	Do DLA Energy employees enter permit-required confined spaces? If yes:			
29 CFR 1910.146(d)(4)	Is forced air ventilation equipment available?			
29 CFR 1910.146(d)(4)	Are oxygen meters, combustible gas indicators, and toxic gas meters avail- able and calibrated?			
29 CFR 1910.146(d)(4)	Are communication equipment, harnesses, lighting, and rescue and emer- gency equipment available and in good condition?			
29 CFR 1910.146(d)(14)	Is the written permit-required confined-space entry program reviewed annually?			
29 CFR 1910.146(k)	Are practice confined-space rescue operations conducted and evaluated annually?			

First Aid

COMMENTS:

Safety (cont.)



Safety (cont.)

	Laboratory Safety			
		<u>Yes</u>	No	<u>N/A</u>
29 CFR 1910.1450(e)	Does the laboratory have a written Chemical Hygiene Plan containing standard operating procedures and hazard control measures?			
29 CFR 1910.1450(f)	Are lab employees trained on the details of the Chemical Hygiene Plan?			
29 CFR 1910.1450(h)(1)(ii)	Are SDSs available for all fuels and chemicals?			
	Is the DLA Energy Laboratory Safety Standard available? If yes:			
	Is the government quality assurance representative (QAR) familiar with it?			
NFPA 45 Chapter 6, 29 CFR 1910.1450 Appendix A	Is there adequate ventilation in the lab?			
29 CFR 1910.1450(e)(3)(iii)	Are there properly functioning fume hoods? If yes:			
NFPA 45 Chapter 6	When was the last fume hood inspection?			
NFPA 45 Chapter 4	Does the laboratory have a fire extinguisher or fire protection system?			
NFPA 45 Chapter 7	Does the lab have sufficient flammable liquid storage? If yes:			
29 CFR 1910.1450 Appendix A	Are stored chemicals examined periodically (at least annually) for replace- ment, deterioration, and container integrity?			
29 CFR 1910.1450 Appendix A	Are acids and incompatible chemicals stored separately?			
NFPA 70 Article 501	Is the laboratory equipped with explosion-proof electrical equipment within 4 feet of the floors and 18 inches of the countertops?			
NFPA 45 Chapter 9	Is the refrigerator explosion proof?			
NFPA 45 Chapter 9	Is the refrigerator marked whether it meets the requirements for safe storage of flammable liquids?			
NFPA 45 Chapter 9	Is the filtration apparatus properly grounded?			
29 CFR 1910.1450 Appendix A	Is the lab equipped with an emergency eyewash and shower that are in working order?			
	Are emergency eyewash and showers maintained in accordance with ANSI Z358.1?			
NFPA 45 Chapter 8	Are pressurized cylinders secured to prevent falling?			
29 CFR 1910.1450 Appendix A	Is the lab clean and uncluttered with chemicals and equipment properly labeled and stored?			

COMMENTS:



Emergency Response Preparation

Occupational Safety			
	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Have employees been informed of the hazardous chemicals in their work area under the Hazard Communication Training Program?			
Have all employees been trained on the new labels and SDS in the hazard com- munications program based on the United Nations Globally Harmonized System (GHS)?			
Is someone adequately trained to render basic first aid?			
Have designated first aid providers been trained in universal precautions for bloodborne pathogens and offered Hepatitis B vaccinations?			
Do DLA Energy staff/contractors respond to clean up spills of hazardous substanc- es? If yes:			
Have emergency responders received 40 hours of initial HAZWOPER training and 8 hours annually afterward before they are allowed to engage in cleanup operations?			
Have emergency responders received annual respirator fit testing, medical exams, and respirator training?			
Do responders know how to calibrate and operate organic vapor analyzers, oxygen meters, and combustible gas indicators?			
Have any personnel completed the National Fire Protection Association (NFPA)			
Government Quality Assurance Representative			
Are government Quality Assurance Representatives (QARs) (sometimes called quality surveillance representatives) provided with PPE as follows:			
Safety shoes?			
Eye/face protection or splash goggles?			
Head protection (e.g., hard hat)?			
Butyl rubber gloves?			
Hearing protection?			
Air purifying respirator with organic vapor cartridges?			
Has the QAR been trained in the proper use of the PPE listed above?			
Has the QAR been provided an oxygen meter, combustible gas indicator, toxic gas monitor, and organic vapor analyzer? If yes, then:			
Does the QAR know how to operate and calibrate the oxygen meter, combustible gas indicator, toxic gas monitor, and organic vapor analyzer?			
Has the QAR received 40 hours of initial HAZWOPER training and 8 hours annually thereafter?			
Has the QAR received annual respirator fit testing, respirator training, and medical exams?			
Has the QAR received annual audiometric testing?			
Has the QAR completed Hazard Communication training?			
Has the QAR completed HAZMAT training?			
	Have employees been informed of the hazardous chemicals in their work area under the Hazard Communication Training Program? Have all employees been trained on the new labels and SDS in the hazard communications program based on the United Nations Globally Harmonized System (GHS)? Is someone adequately trained to render basic first aid? Have designated first aid providers been trained in universal precautions for bloodborne pathogens and offered Hepatitis B vaccinations? Do DLA Energy staff/contractors respond to clean up spills of hazardous substances? If yes: Have emergency responders received 40 hours of initial HAZWOPER training and 8 hours annually afterward before they are allowed to engage in cleanup operations? Have emergency responders received annual respirator fit testing, medical exams, and respirator training? Do responders know how to calibrate and operate organic vapor analyzers, oxygen meters, and combustible gas indicators? Have any personnel completed the National Fire Protection Association (NFPA) Competent Person course? Covernment Quality Assurance Representatives (QARs) (sometimes called quality surveillance representatives) provided with PPE as follows: Safety shoes? Eye/face protection or splash goggles? Hearing protection (e.g., hard hat)? Butyl rubber gloves? Has the QAR been trained in the proper use of the PPE listed above? Has the QAR been provided an oxygen meter, combustible gas indicator, toxic gas monitor, and organic vapor analyzer? Hyes, then: Does the QAR know how to operate and calibrate the oxygen meter, combustible gas indicator, toxic gas monitor, and organic vapor analyzer? Has the QAR received annual respirator fit testing, respirator training, and medical exams? Has the QAR received annual respirator fit testing? Has the QAR received annual respirator fit testing? Has the QAR received annual respirator fit testing? Has the QAR received annual audiometric testing?	Wase Yase Have employees been informed of the hazardous chemicals in their work area under the Hazard Communication Training Program? Image: Communication Training Program? Have all employees been trained on the new labels and SDS in the hazard com- munications program based on the United Nations Globally Harmonized System (GHS)? Image: Communication Signal Provides System (GHS)? Is someone adequately trained to render basic first aid? Image: Communication Signal Provides System (GHS)? Do DLA Energy staff/contractors respond to clean up spills of hazardous substanc- es? If yes: Image: Communication Signal Phazerdous Substanc- es? If yes: Have emergency responders received 40 hours of initial HAZWOPER training and 8 hours annually afterward before they are allowed to engage in cleanup operations? Image: Communication (NFPA) Do responders know how to calibrate and operate organic vapor analyzers, oxygen meters, and combustible gas indicators? Image: Competent Person course? Are government Quality Assurance Representatives (QARs) (sometimes called quality surveillance representatives) provided with PPE as follows: Safety shoes? Eye/face protection or splash goggles? Image: Competent PE Image: Competent PE Hearing protection? Image: Competent PE Image: Competent PE Image: Competent PE Air purifying respirator with organic vapor cartridges? Image: Competent PE Image: Competent PE Image: Competent PE	Yes No Have employees been informed of the hazardous chemicals in their work area under the Hazard Communication Training Program? Have all employees been trained on the new labels and SDS in the hazard com- munications program based on the United Nations Globally Harmonized System (GHS)? Is someone adequately trained to render basic first aid? Have deignated first aid providers been trained in universal precautions for bloodborne pathogens and offered Hepatitis B vaccinations? Do DL A Energy staff/contractors respond to clean up spills of hazardous substanc- es? If yes: Have emergency responders received 40 hours of initial HAZWOPER training and B hours annually afterward before they are allowed to engage in cleanup operations? Have emergency responders received annual respirator fit testing, medical exams, and respirator training? Do responders know how to calibrate and operate organic vapor analyzers, oxygen meters, and combustible gas indicators? Boresponders know how to calibrate and operate organic vapor analyzers, oxygen meters, and combustible gas indicators? Competent Person course? Boresponders know how to calibrate and operate organic vapor analyzers, oxygen meters, and combustible gas indicators? Competent Person course? Have any personnel completed the National Fire Protection Association (NFPA) Competent Person course? Head protection or splash goggles? Head protection ega, hard hat)? Butyl rubber gloves? Heat protection for an alyzer? If yes, then:



Chemical and Material Handling

	Hazard Communication Program			
		<u>Yes</u>	No	<u>N/A</u>
29 CFR 1910.1200 (e)(1)(i)	Does the facility maintain a list or inventory of all chemicals received, pro- cessed, or stored at the facility?			
29 CFR 1910.1200 (g)	Are SDSs readily available for all chemicals?			
29 CFR 1910.1200(f)(5)	Are all containers properly labeled with the chemical name and hazard warning?			
29 CFR 1910.1200(b)(4)	Are chemical containers closed when not in use?			
	Flammable Liquids ¹			
29 CFR 1910.106(d)(2)	Are fire-resistant, covered containers and portable tanks used for the storage and handling of flammable liquids (e.g., is gasoline kept in approved safety cans)?			
29 CFR 1910.106(d)(2)(ii)	that will relieve excessive internal pressure caused by fire?			
29CFR 1910.106(d)(5)(iii)	0.106(d)(5)(iii) Are flammable liquids kept in closed metal container stored in storage cabinets or in safety cans inside storage rooms? 10.106(d)(3)(ii) Are storage cabinets used to hold flammable liquids labeled "Flammable –			
29 CFR 1910.106(d)(3)(ii)	Are storage cabinets used to hold flammable liquids labeled "Flammable – Keep Fire Away"?			
29 CFR 1910.106(d)(7)(iii) & 1910.106(e)(6)	Are flammable liquid storage areas identified as "No Smoking" areas, and are sources of ignition such as welding, sparks, and radiant heat prohibited?			
29 CFR 1910.106(d)(7)(iv)	Are water-reactive materials kept out of flammable liquid storage rooms?			
29 CFR 1910.106(f)(3)(vi)	Are containers of Class I flammable liquids grounded or bonded during dispensing or filling?			
29 CFR 1910.106(f)(1)(iii)	Are firm separators placed between containers of flammable liquids when stacked on one another to ensure their support and stability?			
	Are flammable liquids stored in a building having a basement or pit where vapors may collect? If yes:			
29 CFR 1910.106(f)(2)(iii)	Is there adequate ventilation?			
¹ State Fire Codes often have	additional requirements. <i>Flammable liquid</i> means any liquid having a flashpoint at or below 1	99.4°F (9	3°C)	



Industrial Equipment

	Powered Industrial Trucks			
		<u>Yes</u>	<u>No</u>	<u>N/A</u>
29 CFR 1910.178	Do employees operate powered industrial trucks on-site (e.g., forklifts, tractors, plat- form lift trucks, motorized hand trucks, or other specialized industrial trucks powered by electric or internal combustion motors)? If yes:			
29 CFR 1910.178(l)(2)	Have employees received both formal instruction and practical training prior to being permitted to operate a powered industrial truck?			
29 CFR 1910.178(l)(4)	Is each powered industrial truck operator's performance evaluated at least once every 3 years?			
29 CFR 1910.178(q)(7)	Is a daily inspection conducted and documented by the equipment operator?			
29 CFR 1910.178(a)(4)	Are modifications and additions that could affect the capacity and safe operation of the equipment only performed with the manufacturer's prior written approval?			
29 CFR 1910.178(n)(4)	Do drivers slow down and sound horns at cross aisles and other locations where vision is obstructed?			
29 CFR 1910.178(m)(7)	Are trailer brakes set and chocks in place prior to loading/unloading with industrial vehicles?			
	Cranes and Hoists			
	Does the facility have overhead hoists/cranes? If yes:			
29 CFR 1910.179(b)(5)	Is the load rating plainly marked on each side of each overhead hoist/crane?			
29 CFR 1910.179(j)(2)	Are daily hoist/crane inspections/observations conducted before use?			
29 CFR 1910.179(j)(3)	Are detailed hoist/crane inspections conducted at least annually (including all periodic inspection criteria stated in the standard)?			



Tank Description

Are there any ASTs on-site? If yes, complete the following:

<u>Yes</u>	<u>No</u>	<u>N/A</u>

Tank Name, Number, or Location	Tank Material	Capacity (gallons)	Date Installed	Material Stored	Vapor Pressure of Material Stored (psia)

29 CFR 1910.22(c)	Are guardrails warranted on tanks and are they adequate to protect workers?		
29 CFR 1910.1200(f)(6)	Are ASTs that contain hazardous materials labeled with the chemical name and hazard warning?		
29 CFR 1910.106(b)(2) (vii)(c)(6)	Was any flammable material observed within the containment area?		

	Above Ground On-Site Pipelines			
		<u>Yes</u>	No	<u>N/A</u>
	Are there aboveground pipelines? If yes:			
	Have any pipelines been repaired? If yes:			
	When?			
	Are there expansion relief valves that bleed over–pressurized product back to the tank?			
	Are there emergency shutoff valves or impact valves in the pipeline (sometimes at the tank or product dispenser)?			
29 CFR 1910.106(c)(3)	Are flammable liquid pipe joints vapor-and liquid-tight?			
	Are there line leak detectors or alarms that indicate leaks in the lines?			
	Are there other leak detection methods employed (tightness testing, soil vapor monitoring, groundwater monitoring, interstitial monitoring, etc.)			



Fuel Dispensing

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		<u>Yes</u>	<u>No</u>	<u>N/A</u>
	Do loading areas have roofs?			
29 CFR 1910.106(f)(7)	Are there means of preventing flammable liquids spilled at loading and unload- ing points from entering sewers and drainage systems?			
29 CFR 1910.106(f)(6)	Are "No Smoking" signs posted and ignition sources prohibited where flammable liquids are handled, drawn, or dispensed?			
1910.106(h)(7)(iii)	Are electrical installations explosion proof?			
29 CFR 1910.106(f)(3) (iv)	Are grounding and bonding cables for flammable liquids in good condition?			
29 CFR 1910.106(e)(9) (iv)	Is the area near flammable liquid operations kept free of weeds, trash, and combustible materials?			
	Marine Terminal or Pier Facilities			
29 CFR 1910.106(f)(4)	Do pier loading pumps carrying flammable liquids have means to protect against excessive pressure (e.g., bypasses, relief valves)?			
29 CFR 1910.106(f)(4)	Are pier pressure hoses and couplings inspected regularly?			
29 CFR 1910.106(f)(4)	Are grounding/bonding cables inspected and in good condition?			
29 CFR 1910.106(f)(4)	Are fire extinguishers located within 75 feet of hose connections, pumps, and separator tanks at the pier?			
29 CFR 1910.106(f)(6)	Are "No Smoking" signs posted and ignition sources prohibited where flammable liquids are handled, drawn, or dispensed?			

COMMENTS:

APPENDIX D CHECKLISTS



Agency Inspections			
	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Has the facility received any OSHA citations in the past 3 years?			
Have any health or safety agency representatives inspected the facility in the past 3 years? If yes, complete the following:			

Agency	Date of Visit	Inspector's Name	Issues Identified

COMMENTS: