

**PART I: PURPOSE, APPLICABILITY, AUTHORITY, ((APPLICABILITY)) AND DEFINITIONS**

AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-010 Purpose.** The purpose of this chapter is to establish covered vessel and facility oil spill contingency plan requirements (Part II), drill and equipment verification requirements (Part III), primary response contractor standards (Part IV) and recordkeeping and compliance information (Part V).

(1) The provisions of this chapter, when followed, should be implemented and construed so that they will:

(a) Maximize the effectiveness and timeliness of oil spill response by plan holders and response contractors;

(b) Ensure continual readiness, maintenance of equipment and training of personnel;

(c) Support coordination with state, federal, tribal and other contingency planning efforts;

(d) Provide for the protection of Washington waters, natural, cultural and significant economic resources by minimizing the impact of oil spills; and

(e) ((~~For covered vessels,~~)) Provide the highest level of protection that can be met through the use of best achievable technology and those staffing levels, training procedures, and operational methods that constitute best achievable protection (BAP) as informed by the BAP five year review cycle (WAC 173-182-621) and as determined by ecology.

(2) The planning standards described in this chapter do not constitute clean-up standards that must be met by the holder of a contingency plan. Failure to remove a discharge within the time periods set out in this ((~~section~~)) chapter does not constitute failure to comply with a contingency plan, for purposes of this ((~~section~~)) chapter or for the purpose of imposing administrative, civil, or criminal penalties under any other law so that all reasonable efforts are made to do so. In a spill or drill, deployment of equipment and personnel shall be guided by safety considerations. The responsible party must take all actions necessary and appropriate to immediately collect and remove, contain, treat, burn and disperse oil entering waters of the state and address the entire volume of an actual spill regardless of the planning standards.

AMENDATORY SECTION (Amending WSR 14-15-076, filed 7/16/14, effective 8/16/14)

**WAC 173-182-015 Applicability.** (1) This chapter applies to owners and operators of onshore facilities, offshore facilities, and cov-

ered vessels required to submit oil spill contingency plans under chapters 90.56 and 88.46 RCW.

(2) This chapter applies to any person submitting a contingency plan on behalf of a covered vessel, multiple covered vessels, onshore facilities and offshore facilities, or any combination thereof.

(3) This chapter applies to response contractors that must be approved by ecology before they may serve as primary response contractors (PRCs) for a contingency plan.

(4) This chapter does not apply to public vessels as defined by this chapter, mobile facilities or to spill response vessels that are exclusively dedicated to spill response activities when operating on the waters of this state.

(5) Railroads are facilities for the purposes of contingency planning under RCW 90.56.210. Railroad contingency planning regulations are described in chapter 173-186 WAC.

AMENDATORY SECTION (Amending WSR 14-15-076, filed 7/16/14, effective 8/16/14)

**WAC 173-182-030 Definitions.** (1) (~~("Aerial oil spill spotter" (spotter) means personnel trained to:~~

~~(a) Direct vessels to the heaviest concentrations of oil;~~

~~(b) Direct dispersant resources;~~

~~(c) Direct in situ burn resources; and~~

~~(d) Observe document and report the effectiveness of response operations.~~

~~(2)) "Aerial observer" means a trained observer that monitors, records and reports the spill characteristics including the shoreline impacts, area oiled, color, and thickness of the oil. Observers also provide data to the command post through the development of detailed maps of the area oiled and the resources in the field as well as other photographs, videos, or documents developed to support planning.~~

(2) "Aerial oil spill spotter" (spotter) means personnel trained to:

(a) Direct vessels to the heaviest concentrations of oil;

(b) Direct dispersant resources;

(c) Direct in situ burn resources; and

(d) Observe, document and report the effectiveness of response operations.

(3) "Best achievable protection" means the highest level of protection that can be achieved through the use of the best achievable technology and those staffing levels, training procedures, and operational methods that provide the greatest degree of protection achievable. Ecology's determination of best achievable protection shall be guided by the critical need to protect the state's natural resources and waters, while considering:

(a) The additional protection provided by the measures;

(b) The technological achievability of the measures; and

(c) The cost of the measures.

(4) "Best achievable technology" means the technology that provides the greatest degree of protection. Ecology's determination of best achievable technology will take into consideration:

(a) Processes that are being developed, or could feasibly be developed, given overall reasonable expenditures on research and development;

(b) Processes that are currently in use; and

(c) In determining what is best achievable technology, ecology shall consider the effectiveness, engineering feasibility, and the commercial availability of the technology.

(5) "Boom" means flotation boom or other effective barrier containment material suitable for containment, protection or recovery of oil that is discharged onto the surface of the water. Boom also includes the associated support equipment necessary for rapid deployment and anchoring appropriate for the operating environment. Boom will be classified using criteria found in the ((2000)) ASTM International F 1523-94 ((2001)) 2007) and ASTM International F 625-94 (reapproved ((2000)) 2006), and the *Resource Typing Guidelines* found in ((chapter 13 of the 2000 Oil spill field operations guide)) the Western Response Resource List (WRRL) user manual.

(6) "Bulk" means material that is stored or transported in a loose, unpackaged liquid, powder, or granular form capable of being conveyed by a pipe, bucket, chute, or belt system.

(7) "Cargo vessel" means a self-propelled ship in commerce, other than a tank vessel or a passenger vessel, three hundred or more gross tons, including but not limited to commercial fish processing vessels and freighters.

(8) "Cascade" means to bring in equipment and personnel to the spill location in a succession of stages, processes, operations, or units.

(9) "Contract or letter summarizing contract terms" means:

(a) A written contract between a plan holder and a primary response contractor or other provider or proof of cooperative membership that identifies and ensures the availability of specified personnel and equipment within stipulated planning standard times; or

(b) A letter that: Identifies personnel, equipment and services capable of being provided by the primary response contractor or other provider within stipulated planning standard times; acknowledges that the primary response contractor or other provider commits the identified resources in the event of an oil spill.

(10) "Covered vessel" means a tank vessel, cargo vessel (including fishing and freight vessels), or passenger vessel required to participate in this chapter.

(11) "Dedicated" means equipment and personnel committed to oil spill response, containment, and cleanup that are not used for any other activity that would make it difficult or impossible for that equipment and personnel to provide oil spill response services in the time frames specified in this chapter.

(12) "Demise charter" means that the owner gives possession of the ship to the charterer and the charterer hires its own master and crew.

(13) "Director" means the director of the state of Washington department of ecology.

(14) "Discharge" means any spilling, leaking, pumping, pouring, emitting, emptying, or dumping.

(15) "Dispersant" means those chemical agents that emulsify, disperse, or solubilize oil into the water column or promote the surface spreading of oil slicks to facilitate dispersal of the oil into the water column.

(16) "Ecology" means the state of Washington department of ecology.

(17) "Effective daily recovery capacity" (EDRC) means the calculated capacity of oil recovery devices that accounts for limiting factors such as daylight, weather, sea state, and emulsified oil in the recovered material.

~~((17) "Ecology" means the state of Washington department of ecology.))~~

(18) "Emergency response towing vessel" means a towing vessel stationed at Neah Bay that is available to respond to vessel emergencies upon call out under the contingency plan. The emergency response towing vessel shall be available to the owner or operator of the covered vessel transiting to or from a Washington port through the Strait of Juan de Fuca, except for transits extending no further west than Race Rocks Light, Vancouver Island, Canada.

(19) "Facility" means:

(a) Any structure, group of structures, equipment, pipeline, or device, other than a vessel, located on or near the navigable waters of the state that

~~((i))~~ transfers oil in bulk to or from a tank vessel or pipeline~~((; and~~

~~((ii))~~, that is used for producing, storing, handling, transferring, processing, or transporting oil in bulk.

(b) For the purposes of oil spill contingency planning in RCW 90.56.210, facility also means a railroad that is not owned by the state that transports oil as bulk cargo.

(c) Except as provided in (b) of this subsection, a facility does not include any:

(i) Railroad car, motor vehicle, or other rolling stock while transporting oil over the highways or rail lines of this state;

(ii) Underground storage tank regulated by ecology or a local government under chapter 90.76 RCW;

(iii) Motor vehicle motor fuel outlet;

(iv) Facility that is operated as part of an exempt agricultural activity as provided in RCW 82.04.330; or

(v) Marine fuel outlet that does not dispense more than three thousand gallons of fuel to a ship that is not a covered vessel, in a single transaction.

(20) "Geographic Response Plans (GRP)" means response strategies published in the *Northwest Area Contingency Plan*.

(21) "Gross tons" means a vessel's approximate volume as defined under Title 46, United States Code of Federal Regulations, Part 69.

(22) "Incident command system (ICS)" means a standardized on-scene emergency management system specifically designed to allow its user(s) to adopt an integrated organizational structure equal to the complexity and demands of single or multiple incidents, without being hindered by jurisdictional boundaries.

(23) "In situ burn" means a spill response tactic involving controlled on-site burning, with the aid of a specially designed fire containment boom and igniters.

(24) "Interim storage" means a site used to temporarily store recovered oil or oily waste until the recovered oil or oily waste is disposed of at a permanent disposal site.

(25) "Lower Columbia River" means the Columbia River waters west of Bonneville Dam.

(26) "Maximum extent practicable" means the highest level of effectiveness that can be achieved through staffing levels, training

procedures, deployment and tabletop drills incorporating lessons learned, use of enhanced skimming techniques and other best achievable technology. In determining what the maximum extent practicable is, the director shall consider the effectiveness, engineering feasibility, commercial availability, safety, and the cost of the measures.

(27) "Mobilization" means the time it takes to get response resources readied for operation and ready to travel to the spill site or staging area.

(28) "Navigable waters of the state" means those waters of the state, and their adjoining shorelines, that are subject to the ebb and flow of the tide and/or are presently used, have been used in the past, or may be susceptible for use to transport intrastate, interstate, or foreign commerce.

(29) "Nondedicated" means those response resources listed by a primary response contractor for oil spill response activities that are not dedicated response resources.

(30) "Nonpersistent or group 1 oil" means:

(a) A petroleum-based oil, such as gasoline, diesel or jet fuel, which evaporates relatively quickly. Such oil, at the time of shipment, consists of hydrocarbon fractions of which:

(i) At least fifty percent, by volume, distills at a temperature of 340°C (645°F); and

(ii) At least ninety-five percent, by volume, distills at a temperature of 370°C (700°F).

(b) A nonpetroleum oil with a specific gravity less than 0.8.

(31) "Nonpetroleum oil" means oil of any kind that is not petroleum-based, including but not limited to: Biological oils such as fats and greases of animals and vegetable oils, including oils from seeds, nuts, fruits, and kernels.

(32) "*Northwest Area Contingency Plan (NWACP)*" means the regional emergency response plan developed in accordance with federal requirements. In Washington state, the NWACP serves as the statewide master oil and hazardous substance contingency plan required by RCW 90.56.060.

(33) "Offshore facility" means any facility located in, on, or under any of the navigable waters of the state, but does not include a facility, any part of which is located in, on, or under any land of the state, other than submerged land.

(34) "Oil" or "oils" means oil of any kind that is liquid at ~~((atmospheric temperature and))~~ twenty-five degrees Celsius and one atmosphere of pressure and any fractionation thereof, including, but not limited to, crude oil, bitumen, synthetic crude oil, natural gas well condensate, petroleum, gasoline, fuel oil, diesel oil, biological oils and blends, oil sludge, oil refuse, ~~((biological oils and blends,))~~ and oil mixed with wastes other than dredged spoil. Oil does not include any substance listed in Table 302.4 of 40 C.F.R. Part 302 adopted August 14, 1989, under section ~~((101(14)))~~ 102(a) of the Federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by P.L. 99-499.

(35) "Oily waste" means oil contaminated waste resulting from an oil spill or oil spill response operations.

(36) "Onshore facility" means any facility, as defined in subsection ~~((14))~~ (19) of this section, any part of which is located in, on, or under any land of the state, other than submerged land, that because of its location, could reasonably be expected to cause substantial harm to the environment by discharging oil into or on the navigable waters of the state or the adjoining shorelines.

(37) "Operating environments" means the conditions in which response equipment is designed to function. Water body classifications will be determined using criteria found in the ASTM Standard Practice for Classifying Water Bodies for Spill Control Systems ASTM International F 625-94 (reapproved 2006).

(38) "Operational period" means the period of time scheduled for execution of a given set of operational actions as specified in the incident action plan. The operational period coincides with the completion of one planning cycle.

(39) "Owner" or "operator" means:

(a) In the case of a vessel, any person owning, operating, or chartering by demise, the vessel;

(b) In the case of an onshore or offshore facility, any person owning or operating the facility;

(c) In the case of an abandoned vessel or onshore or offshore facility, the person who owned or operated the vessel or facility immediately before its abandonment; and

(d) Operator does not include any person who owns the land underlying a facility if the person is not involved in the operations of the facility.

(40) "Passenger vessel" means a ship of greater than three hundred gross tons with a fuel capacity of at least six thousand gallons carrying passengers for compensation.

(41) "Passive recovery" means a tactic that uses absorbent material to mitigate impacts to shorelines.

(42) "Persistent oil" means:

(a) Petroleum-based oil that does not meet the distillation criteria for a nonpersistent oil. Persistent oils are further classified based on both specific and American Petroleum Institute (API) observed gravities corrected to 60°F, as follows:

(i) Group 2 - Specific gravity greater than or equal to 0.8000 and less than 0.8500. API gravity less than or equal to 45.00 and greater than 35.0;

(ii) Group 3 - Specific gravity greater than or equal to 0.8500, and less than 0.9490. API gravity less than or equal to 35.0 and greater than 17.5;

(iii) Group 4 - Specific gravity greater than or equal to 0.9490 and up to and including 1.0. API gravity less than or equal to 17.5 and greater than 10.00; and

(iv) Group 5 - Specific gravity greater than 1.0000. API gravity equal to or less than 10.0.

(b) A nonpetroleum oil with a specific gravity of 0.8 or greater. These oils are further classified based on specific gravity as follows:

(i) Group 2 - Specific gravity equal to or greater than 0.8 and less than 0.85;

(ii) Group 3 - Specific gravity equal to or greater than 0.85 and less than 0.95;

(iii) Group 4 - Specific gravity equal to or greater than 0.95 and less than 1.0; or

(iv) Group 5 - Specific gravity equal to or greater than 1.0.

(43) "Person" means any political subdivision, government agency, municipality, industry, public or private corporation, co-partnership, association, firm, individual, or any other entity whatsoever.

(44) "Control point" means a location along the pipeline, or rail line, pre-identified as an initial control or containment strategy to minimize impacts of spilled oil. The objective of a control point may

be to contain, collect, divert or exclude oil from further impacting sensitive environmental, economic or cultural resources. Control points are designed and maintained by plan holders.

~~((45))~~ (45) "Pipeline tank farm" means a facility that is linked to a pipeline but not linked to a vessel terminal.

~~((45))~~ (46) "Plan" means oil spill response, cleanup, and disposal contingency plan for the containment and cleanup of oil spills into the waters of the state and for the protection of fisheries and wildlife, shellfish beds, natural resources, and public and private property from such spills as required by RCW 90.56.210 and 88.46.060.

~~((46))~~ (47) "Plan holder" means a person who submits and implements a contingency plan consistent with RCW 88.46.060 and 90.56.210 on the person's own behalf or on behalf of one or more persons. Where a plan is submitted on behalf of multiple persons, those covered under that plan are not considered plan holders for purposes of this chapter.

~~((47))~~ (48) "Planning standards" means goals and criteria that ecology will use to assess whether a plan holder is prepared to respond to the maximum extent practicable to a worst case spill. Ecology will use planning standards for reviewing oil spill contingency plans and evaluating drills.

~~((48))~~ (49) "Primary response contractor (PRC)" means a response contractor that has been approved by ecology and is directly responsible to a contingency plan holder, either by a contract or other approved written agreement.

~~((49))~~ (50) "Public vessel" means a vessel that is owned, or demise chartered, and is operated by the United States government, or a government of a foreign country, and is not engaged in commercial service.

~~((50))~~ "Regional response list" means a regional equipment list established and maintained by spill response equipment owners in the northwest area.)

(51) "Recovery system" means a skimming device, storage, work boats, boom, and associated material needed such as pumps, hoses, sorbents, etc., used collectively to maximize oil recovery.

(52) "Regional vessels of opportunity response group" means a group of nondedicated vessels participating in a vessel of opportunity response system to respond when needed and available.

~~((52))~~ (53) "Resident" means the spill response resources are staged at a location within the described planning area.

~~((53))~~ (54) "Response zone" means a geographic area either along a length of a pipeline or including multiple pipelines, containing one or more adjacent line sections, for which the operator must plan for the deployment of, and provide, spill response capabilities. The size of the zone is determined by the operator while considering available capability, resources, and geographic characteristics.

(55) "Responsible party" means a person liable under RCW 90.56.370.

~~((54))~~ (56) "Ship" means any boat, ship, vessel, barge, or other floating craft of any kind.

~~((55))~~ (57) "Shorelines of statewide significance" means those shorelines of statewide significance defined in the Shoreline Management Act (SMA), RCW 90.58.030.

(58) "Spill" means an unauthorized discharge of oil which enters waters of the state.

~~((56))~~ (59) "Spill assessment" means determining product type, potential spill volume, environmental conditions including tides, cur-

rents, weather, river speed and initial trajectory as well as a safety assessment including air monitoring.

~~((+57))~~ (60) "Systems approach" means the infrastructure and support resources necessary to mobilize, transport, deploy, sustain, and support the equipment to meet the planning standards, including mobilization time, trained personnel, personnel call out mechanisms, vehicles, trailers, response vessels, cranes, boom, pumps, storage devices, etc.

~~((+58))~~ (61) "Tank vessel" means a ship that is constructed or adapted to carry, or that carries, oil in bulk as cargo or cargo residue, and that:

(a) Operates on the waters of the state; or

(b) Transfers oil in a port or place subject to the jurisdiction of this state.

~~((+59))~~ (62) "Technical manual" means a manual intended to be used as a planning document to support the evaluation of best achievable protection systems for potential response capability of plan holder owned and PRC dedicated and nondedicated equipment.

~~((+60))~~ (63) "Transfer site" means a location where oil is moved in bulk on or over waters of the state to or from a covered vessel by means of pumping, gravitation, or displacement.

(64) "Transmission pipeline" means all parts of a pipeline whether interstate or intrastate, ((subject to regulation by the United States Department of Transportation under 49 C.F.R. 195, as amended through December 5, 1991,)) through which oil moves in transportation, including line pipes, valves, and other appurtenances connected to line pipe, pumping units, and fabricated assemblies associated with pumping units metering and delivery stations and fabricated assemblies therein, and breakout tanks.

~~((+61) "Transfer site" means a location where oil is moved in bulk on or over waters of the state to or from a covered vessel by means of pumping, gravitation, or displacement.~~

~~(62) "Recovery system" means a skimming device, storage work boats, boom, and associated material needed such as pumps, hoses, sorbents, etc., used collectively to maximize oil recovery.~~

~~(+63))~~ (65) "Umbrella plan" means a single plan submitted on behalf of multiple covered vessels that is prepared by a nonprofit corporation.

~~((+64))~~ (66) "Vessel terminal" means a facility that is located on marine or river waters and transfers oil to or from a tank vessel.

(67) "Vessels of opportunity response system" means nondedicated vessels and operating personnel, including fishing and other vessels, available to assist in spill response when necessary. The vessels of opportunity are under contract with and equipped by contingency plan holders to assist with oil spill response activities including, but not limited to, on-water oil recovery in the near shore environment, the placement of oil spill containment booms to protect sensitive habitats, and providing support of logistical or other tactical actions.

~~((+65) "Vessel terminal" means a facility that is located on marine or river waters and transfers oil to or from a tank vessel.~~

~~(+66))~~ (68) "Waters of the state" means all lakes, rivers, ponds, streams, inland waters, underground water, salt waters, estuaries, tidal flats, beaches and lands adjoining the seacoast of the state, sewers, and all other surface waters and watercourses within the jurisdiction of the state of Washington.

~~((67))~~ (69) "Western Response Resource List (WRRL)" means a regional equipment list established and maintained by spill response equipment owners in the northwest area.

(70) "Worst case spill" means:

(a) For an offshore facility, the largest possible spill considering storage, production, and transfer capacity complicated by adverse weather conditions; or

(b) For an onshore facility, the entire volume of the largest above ground storage tank on the facility site complicated by adverse weather conditions, unless ecology determines that a larger or smaller volume is more appropriate given a particular facility's site characteristics and storage, production, and transfer capacity; or

(c) For a vessel, a spill of the vessel's entire cargo and fuel complicated by adverse weather conditions; or

(d) For pipelines, the size of the worst case spill is dependent on the location of pump stations, key block valves, geographic considerations, response zones, or volume of the largest breakout tank. For each it is the largest volume determined from the following three different methods, complicated by adverse weather conditions:

(i) The pipeline's maximum time to detect the release, plus the maximum shutdown response time multiplied by the maximum flow rate per hour, plus the largest line drainage volume after shutdown;

For planning purposes, the total time to detect the release and shutdown the pipeline should be based on historic discharge data or, in the absence of such historic data, the operator's best estimate. At a minimum the total time to detect and shut down the pipeline, must be equal to or greater than thirty minutes.

(ii) The maximum historic discharge from the pipeline; and

(iii) The largest single breakout tank or battery of breakout tanks ~~((without))~~ within a single secondary containment system.

Each operator shall determine the worst case discharge and provide the methodology, including calculations, used to arrive at the volume in the contingency plan.

~~((68) "WRIA" means a water resource inventory area as defined in chapter 173-500 WAC.))~~

AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-120 Submitting a contingency plan.** (1) Plan holders shall submit plans to ecology no less than sixty-five days prior to their planned date for beginning of operations in Washington.

(2) The plan holder shall submit two copies of the plan and all appendices. Electronic submission of plans is encouraged, provided it is in an electronic format acceptable to ecology. In the case of electronic submission, only one copy is necessary.

(3) Once approved, plan holders shall resubmit their plans to ecology every five years for review and approval.

~~(4) ((The plans and all subsequent updates shall be delivered to:~~

~~Department of Ecology  
Spill Prevention, Preparedness, and Response Program  
Preparedness Section, Contingency Plan Review  
Mailing address:~~

~~P.O. Box 47600  
Olympia, WA 98504-7600  
Physical Address:  
300 Desmond Drive  
Lacey, WA 98503~~) Ecology will maintain mailing address and elec-  
tronic submittal instructions on the agency web site.

AMENDATORY SECTION (Amending WSR 14-15-076, filed 7/16/14, effective 8/16/14)

**WAC 173-182-130 Phase in language for vessel and facility plan holders.** (1) This section applies to those plan holders who, on the effective date of this chapter, have approved or conditionally approved plans, and response contractors with approved applications. Each update must contain all necessary content and meet the requirements of this chapter.

(2) For existing approved facility plan holders within six months after the effective date of this chapter, all facility plan holders must update their plans to comply with the following sections as applicable to the facility:

(a) Binding agreement (WAC 173-182-220).

(b) Contingency plan general content (WAC 173-182-230 (8)), claims procedures.

(c) Contingency plan general content (WAC 173-182-230 (4)(c)(i) through (v)), products handled.

(d) Facility spills to ground notifications (WAC 173-182-264).

(e) Planning standards for dispersants (WAC 173-182-325).

(f) Planning standard for Group 5 Oils (WAC 173-182-324).

(g) To the extent to which plan holders rely on PRC applications to demonstrate compliance for plan holder, PRC applications must also be updated correspondingly.

(3) For existing approved tank vessel plan holders and vessel umbrella plan holders, the following is required, as applicable to the plan holder:

(a) Within six months after the effective date of this chapter, all tank vessel plan holders and vessel umbrella plan holders must update their plans to comply with the following sections:

(i) Binding agreement (WAC 173-182-220).

(ii) Contingency plan general content (WAC 173-182-230 (3)(b)(ii)).

(iii) Contingency plan general content (WAC 173-182-230 (5)(f) and (g)).

(iv) Contingency plan general content (WAC 173-182-230 (6)(a)(i) through (vii) and (7)).

(v) Contingency plan general content (WAC 173-182-230 (8)), claims procedures.

(vi) Aerial surveillance planning standard (WAC 173-182-321(2)), Additional surveillance assets.

(vii) Planning standard for dispersants (WAC 173-182-325).

(viii) Planning standard for Group 5 Oils (WAC 173-182-324).

(ix) Requirements for vessel umbrella plan holders maintaining additional agreements for supplemental resources (WAC 173-182-232).

(x) To the extent to which plan holders rely on PRC applications to demonstrate compliance for plan holder, PRC applications must also be updated correspondingly.

(b) Within eighteen months after the effective date of this chapter, all tank vessel plan holders and vessel umbrella plan holders must update their plans to comply with the following sections:

(i) Vessels of opportunity planning standard (WAC 173-182-317), Region 1 - Cape Flattery/Strait of Juan De Fuca.

(ii) Aerial surveillance planning standard (WAC 173-182-321(1)), Helicopter/fixed wing.

(iii) Dedicated on-water storage (WAC 173-182-335), at least twenty-five percent of the total worst case discharge requirement.

(iv) San Juan County planning standard (WAC 173-182-370), four hour planning standard.

(v) Neah Bay staging area (WAC 173-182-395), four hour planning standard.

(vi) Covered vessel planning standard for shoreline cleanup (WAC 173-182-522).

(vii) To the extent to which plan holders rely on PRC applications to demonstrate compliance for plan holder, PRC applications must also be updated correspondingly.

(c) Within thirty-six months after the effective date of this chapter, all tank vessel plan holders and vessel umbrella plan holders must update their plans to comply with the following sections:

(i) Vessels of opportunity planning standard (WAC 173-182-317), Region 2 - San Juan Islands/North Puget Sound.

(ii) Vessels of opportunity planning standard (WAC 173-182-317), Region 4 - Lower Columbia River.

(iii) Provide proposal for ecology review of the aerial surveillance planning standard (WAC 173-182-321(3)), Helicopter/fixed wing with forward looking infrared. Plan holder shall have an additional twelve months to have this asset staged and all plan updates finalized as applicable.

(iv) Covered vessel plan holder's technical manual requirement (WAC 173-182-349).

(v) Commencement Bay Quartermaster Harbor planning standard (WAC 173-182-380), four hour planning standard.

(vi) Cathlamet staging area (WAC 173-182-415), four hour planning standard.

(vii) To the extent to which plan holders rely on PRC applications to demonstrate compliance for plan holder, PRC applications must also be updated correspondingly.

(d) Within forty-eight months after the effective date of this chapter, all tank vessel plan holders and vessel umbrella plan holders must update their plans to comply with the following sections:

(i) Vessels of opportunity planning standard (WAC 173-182-317), Region 6 - Grays Harbor.

(ii) Vessels of opportunity planning standard (WAC 173-182-317), Region 3 - South Puget Sound and Central Puget Sound.

(iii) Vessels of opportunity planning standard (WAC 173-182-317), Region 5 - Admiralty Inlet, Hood Canal and North Puget Sound.

(iv) Grays Harbor planning standard (WAC 173-182-450), four hour planning standard.

(v) To the extent to which plan holders rely on PRC applications to demonstrate compliance for plan holder, PRC applications must also be updated correspondingly.

(4) Within eighteen months after the effective date of this chapter, all primary response contractors must update their applications to comply with the following section: Primary response contractor application content, submittal and review (WAC 173-182-810).

(5) Each plan update will be given a thirty day public review and comment period. Ecology will approve, disapprove, or conditionally approve the plan update no later than sixty-five days from the update submittal date.

#### NEW SECTION

##### **WAC 173-182-135 Phase in language for pipeline plan holders.**

(1) This section applies to those pipeline plan holders who, on the effective date of this chapter, have approved or conditionally approved plans. Each plan update must contain all necessary content and meet the requirements of this chapter.

(2) Within twelve months after the effective date of this chapter:

(a) Update the description of the response zone and worst case discharge volume and calculations in the plan;

(b) Update the plan to demonstrate compliance with:

(i) Planning standards for storage (WAC 173-182-335);

(ii) Transmission pipelines that may impact shorelines of state-wide significance (WAC 173-182-365);

(iii) Pipeline tank farms (WAC 173-182-366);

(iv) Planning standards for pipelines carrying crude oil (WAC 173-182-323);

(v) Best achievable protection review cycle (WAC 173-182-621);  
and

(vi) Update the plan to demonstrate compliance with the pipeline air monitoring planning standard (WAC 173-182-535).

(3) Within twenty-four months from the effective date of this chapter: Update the plan to demonstrate compliance with the geographic information planning standard (WAC 173-182-515).

(4) To the extent to which plan holders rely on PRC applications to demonstrate compliance for the plan holder, PRC applications must also be updated.

#### AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-140 Plan maintenance.** At least once annually, plan holders shall review the entire plan for accuracy and either:

(1) Update and ((~~distribute~~)) submit the amended page(s) of the plan to ecology for review and approval; or

(2) If no plan changes are needed, send a letter to ecology confirming that the existing plan is still accurate.

AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-142 Significant changes to approved plans require notification.** (1) At any point during the five year approval period, if there is a temporary or permanent significant change in the personnel or response equipment described in the plan, the plan holder shall:

(a) Notify ecology in writing within twenty-four hours of the change; and

(b) Provide both a schedule for the prompt return of the plan to full operational status and a proposal for any backfill to compensate for the temporary significant change. This proposal shall be reviewed by ecology.

(2) Changes which are considered significant include:

(a) Loss of equipment that results in being out of compliance with any planning standard;

(b) If greater than ten percent of available boom, storage, recovery, dispersants, in situ burn or shoreline clean-up equipment is moved out of the homebase as depicted on the WRRL;

(c) Transfers of equipment to support spill response for out-of-region spills;

(d) Permanent loss of initial response personnel listed in command and general staff ICS positions provided in the plan;

(e) Permanent loss of personnel designated as the binding agreement signer;

(f) Changes in normal operating procedures as described below:

(i) For facilities, changes in the oil types handled; permanent changes in storage capacity; changes in handling or transporting of any product; permanent changes in oil processing; and

(ii) For vessels, changes in the oil types handled.

(g) Changes in equipment ownership if used to satisfy a plan holder planning standard; or

(h) Modification or discontinuing of any mutual aid, letter of intent or contract agreement.

(3) Notification by facsimile or e-mail will be considered written notice.

(4) Failure to report changes in the plan could result in the loss of plan approval.

(5) If the proposed change to the plan is to be made permanent, the plan holder then shall have thirty calendar days from notification to ecology to distribute the amended page(s) of the contingency plan to ecology for review and approval.

(6) If ecology finds that, as a result of a change, the plan no longer meets approval criteria; ecology may place conditions on approval or disapprove the plan.

AMENDATORY SECTION (Amending WSR 06-20-035, filed 9/25/06, effective 10/26/06)

**WAC 173-182-150 Post-spill review and documentation procedures.** Plan holders are required to conduct post-spill review procedures to review both the effectiveness of the plan and make plan improvements.

Debriefs with ecology and other participating agencies and organizations may be appropriate if((+)), unified command has been established during a spill((+)), and are required when significant plan updates are identified or significant lessons can be recorded and implemented.

AMENDATORY SECTION (Amending WSR 14-15-076, filed 7/16/14, effective 8/16/14)

**WAC 173-182-230 Contingency plan general content.** (1) Contingency plans must include all of the content and meet all the requirements in this section.

(2) In Washington state, the NWACP serves as the statewide master oil and hazardous substance contingency plan required by RCW 90.56.060. Plan holders shall write plans that refer to and are consistent with the NWACP.

(3) All contingency plans must include the following:

(a) Each plan shall state the federal or state requirements intended to be met by the plan.

(b) Each plan shall state the size of the worst case spill.

(i) For transmission pipelines, more than one worst case spill volume for different line sections or response zones on the entire pipeline may be submitted to ecology for consideration. The methods and calculations used to determine the worst case discharge volumes must be included in the plan.

(ii) For vessel umbrella plans that enroll both tank vessels and nontank covered vessels and that rely on supplemental resources for approval, specify the worst case discharge volume and product type for both tank and nontank covered vessels for each port covered by the contingency plan.

(iii) For multiple facilities using a single plan, separate worst case spill volumes are required for each facility.

(c) Each plan shall have a log sheet to record revisions and updates to the plan. The log sheet shall identify each section amended, including the date of the amendment, verification that ecology was notified and the name of the authorized person making the change. A description of the amendment and its purpose shall also be included in the log sheet, or filed as an amendment letter to be inserted in the plan immediately after the log sheet.

(d) Each plan shall have a cross-reference table reflecting the locations in the plan of each component required by this chapter.

(e) Each plan shall have the PRC's name, address, phone number, or other means of contact at any time of the day.

(i) A contract or letter summarizing the terms of the contract signed by the PRC, shall be included in the plan.

(ii) If the entire contract is not submitted, that document shall be available for inspection, if requested by the department.

(iii) For mutual aid agreements that a plan holder relies on to meet the planning standards, the plan shall include a copy of the agreement and describe the terms of that document in the plan.

(iv) If a plan holder relies on a PRC or other contractor to staff ICS positions for the spill management team, then the commitment must be specified in writing.

(v) If the entire contract for additional spill management team support is not included in the plan, that document shall be made available for inspection, if requested by ecology.

(f) Each plan must contain the procedures to track and account for the entire volume of oil recovered and oily wastes generated and disposed of during spills. The responsible party must provide these records to ecology upon request.

(4) Additional facility plan content.

Facility plans shall include:

(a) The name, location, type and address of the facility;

(b) Starting date of operations;

(c) Description of the operations covered by the plan:

(i) List the oil handling operations that occur at the facility location.

(ii) Inventory all tanks and list the tank capacity.

(iii) All oil(s) or product(s) handled by name and include; density, gravity, API, oil group number, and sulfur content (sweet/sour).

(iv) Include a written description and map indicating site topography, storm water and other drainage systems, mooring areas, pipelines, tanks, and other oil processing, storage, and transfer sites and operations.

(v) A description of the geographic area that could be impacted from a spill at the location based on a forty-eight hour worst case spill trajectory analysis.

(vi) For pipelines, a narrative describing how the response zone was identified shall be submitted as part of the plan.

(5) Additional vessel plan content. Except as provided in subsections (6) and (7) of this section, vessel plans shall also include:

(a) Name of each vessel covered under the plan;

(b) The name, location, and address of the owner or operator;

(c) Official identification code or call sign;

(d) Country of registry;

(e) All ports of call or areas of expected operation in Washington waters;

(f) List all oil(s) or product(s) by name and include; density, gravity, API, oil group number, sulfur content (sweet/sour) and general ship capacity for amounts carried as cargo or fuel;

(g) Description of the operations covered by the plan; and

(h) A diagram indicating cargo, fuel, and ballast tanks and piping, power plants, and other oil storage and transfer sites and operations.

(6) Plans covering multiple vessels with different owners shall also include the following:

(a) In lieu of providing vessels names, call signs and country of registry, plan holders shall maintain accurate enrollment or member lists with vessel specific information provided by covered vessels and shall provide ecology twenty-four hour access to the enrolled vessels list via the internet in a format acceptable to ecology. The list shall be updated daily, or at a minimum every three days. The list must at a minimum include the following:

(i) Vessel name;

(ii) Vessel type;

(iii) Worst case discharge oil type and quantity;

(iv) The name and API gravity of the densest oil being handled on the enrolled vessels;

(v) Qualified individual/spill management team;

(vi) Agent; and

(vii) Protection and indemnity (P&I) club.

(b) Plans covering multiple vessels shall include a list of the types of vessels and the typical oil types by group and volumes. In addition, vessel diagrams indicating cargo, fuel, and ballast tanks and piping, power plants, and other oil storage and transfer sites and operations shall be available for inspection by ecology. The procedure for the plan holder to acquire vessel diagrams needs to be documented in the plan.

(7) Umbrella plans shall list the name of the entities that provide supplemental equipment.

(8) Plans shall include concise procedures to establish a process to manage oil spill liability claims of damages to persons or property, public or private, for which a responsible party may be liable.

AMENDATORY SECTION (Amending WSR 14-15-076, filed 7/16/14, effective 8/16/14)

**WAC 173-182-240 Field document.** (1) Each plan shall contain a field document which lists time-critical information for the initial emergency phase of a spill and a substantial threat of a spill. The owner or operator of the covered vessel or facility shall make the field document available to personnel who participate in oil handling operations and shall keep the field document in key locations at facilities, docks, on vessels and in the plan. The locations where field documents are kept must be listed in the plan, provided that plan holders covering multiple persons shall not be subject to enforcement if the owner or operator of an enrolled vessel fails to keep the field documents in the location specified in the plan.

Plans covering multiple persons shall include procedures to ensure each vessel covered by the plan is provided the field document prior to entering Washington waters. This can include by electronic means.

(2) At a minimum, the field document shall contain:

(a) A list of the procedures to detect, assess and document the presence and size of a spill;

(b) Spill notification procedures and a call out list that meets the requirements in WAC 173-182-260 and 173-182-262 or 173-182-264 as applicable; and

(c) A checklist that identifies significant steps used to respond to a spill, listed in a logical progression of response activities.

NEW SECTION

**WAC 173-182-323 Planning standards for pipelines carrying crude oil.** (1) Pipeline plan holders handling, storing or transporting crude oils and diluted bitumen, must have a contract with a PRC that maintains the resources, equipment, and capabilities necessary to respond to an oil that may weather and submerge or sink. Such equipment shall include, but is not limited to, the following:

(a) Sonar, sampling equipment or other methods to locate the oil on the bottom or suspended in the water column;

(b) Containment boom, sorbent boom, silt curtains, or other methods for containing the oil that may remain floating on the surface or to reduce spreading on the bottom;

(c) Dredges, pumps, or other equipment necessary to recover oil from the bottom and shoreline;

(d) Equipment necessary to assess the impact of such discharges; and

(e) Other appropriate equipment necessary to respond to a discharge involving the type of oil handled, stored, or transported.

(2) The equipment must be capable of being on scene within twelve hours of spill notification.

AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-335 Planning standards for storage.** (1) Plan holders shall identify both on-water devices and shoreside interim storage locations.

(a) For marine waters, shoreside storage can be identified to meet fifty percent of storage requirements in the tables ((below)) in WAC 173-182-355 through 173-182-450, if the plan holders can demonstrate that recovered oil can be transported to the shoreside storage.

(b) For freshwater environments, shoreside storage can be identified to meet sixty-five percent of the storage requirements in the tables below, if the plan holders can demonstrate that recovered oil can be transported to the shoreside storage.

(2) For covered vessel plan holders, at least twenty-five percent of the total worst case discharge volume at twenty-four hours, from the planning standard tables ((below)) in WAC 173-182-355 through 173-182-450, must be dedicated to on-water storage.

(3) For facility plan holders, one hundred percent of the storage requirements may be met through shoreside storage assets provided shoreside storage is the most appropriate method for containing recovered oil, given the limitations of geography and local environmental conditions, as required in the tables in WAC 173-182-355 through 173-182-450.

AMENDATORY SECTION (Amending WSR 06-20-035, filed 9/25/06, effective 10/26/06)

**WAC 173-182-345 Determining effectiveness of recovery systems.** Plan holders and PRCs that own equipment shall provide information for ecology to determine the effectiveness of the recovery systems and how the equipment meets the planning standards. To avoid duplication, plan holders relying upon a PRC to meet the necessary planning standards may reference the information submitted in the PRC's application, as approved by the department. Ecology will use the criteria in ASTM International F 1780-97 (reapproved ((2002)) 2010).

Determination of efficiency of recovery systems in varied operating environments and product types:

(1) For all skimmers, describe how the device is intended to be transported and deployed. List the boom and work boats associated with each water based skimming system. Identify the pumps and pumping capacity that will be used to transfer product to storage devices.

(2) For all oil recovery systems that rely on a vessel of opportunity or nondedicated transport asset, include a statement on how the asset would be located and secured. Include in the plan the mobilization time needed to ensure the assets are available, as well as the time needed to set up the oil recovery system, and the personnel that will be used in the operations. This may require longer mobilization time than those found in this chapter.

AMENDATORY SECTION (Amending WSR 06-20-035, filed 9/25/06, effective 10/26/06)

**WAC 173-182-365 Transmission pipelines ((and pipeline tank farms)) that may impact shorelines of statewide significance.** ((+1) To determine the amount of boom necessary for the two hour standard the plan holder must identify by WRIA, surface waters of the state with the potential to be impacted by a spill from the pipeline.

(a) To determine the two hour booming requirements, select the widest river within the WRIA.

(b) Determine the average river speed at this location.

(i) For rivers with a current of two knots boom in the amount of three times the widest point in the river that the pipeline could affect.

(ii) For rivers with a current of three knots the requirement would be for five times the widest point in the river that the pipeline could affect.

(iii) For rivers with a current of five knots the requirement would be for seven times the widest point in the river that the pipeline could affect.

(2) Or alternatively, the two hour standard will be two thousand feet of boom.

(3) Boom required for the two hour standard shall be dedicated to spill response and should be staged in various locations along the pipeline.))

Time (hours)	Boom/Assessment	Minimum Oil Recovery Rate % of WCS volume per 24 hours	Minimum Storage in Barrels
1	A safety assessment of the spill by trained crew and appropriate air monitoring could have arrived		
2	<u>2,000 feet of boom available at the spill source or downstream of the source could have arrived</u> <u>Alternatively, resources identified to deploy a pipeline control point to keep oil from entering surface waters or penetrating into the ground could have arrived</u>		
6	Additional 5,000 feet of boom available for containment, recovery or protection could have arrived	Capacity to recover the lesser of 10% of worst case spill volume or 12,500 barrels within 24-hour period could have arrived	1 times the EDRC

<b>Time (hours)</b>	<b>Boom/Assessment</b>	<b>Minimum Oil Recovery Rate % of WCS volume per 24 hours</b>	<b>Minimum Storage in Barrels</b>
12	Additional 20,000 feet of boom to be used for containment, protection or recovery could have arrived	Capacity to recover the lesser of 15% of worst case spill volume or 36,000 barrels within 24-hour period could have arrived	2 times the EDRC
24	More boom as necessary for containment, recovery or protection	Capacity to recover the lesser of 20% of worst case spill volume or 48,000 barrels within 24-hour period could have arrived	3 times the EDRC
48	More boom as necessary for containment, recovery or protection	Capacity to recover the lesser of 25% of worst case spill volume or 60,000 barrels within 24-hour period could have arrived	More as necessary to not slow the response

NEW SECTION

**WAC 173-182-366 Transmission pipeline tank farms.**

<b>Time (hours)</b>	<b>Boom/Assessment</b>	<b>Minimum Oil Recovery Rate % of WCS volume per 24 hours</b>	<b>Minimum Storage in Barrels</b>
1	A safety assessment of the spill by trained crew and appropriate air monitoring could have arrived		
2	2,000 feet of boom available at the spill source or downstream of the source could have arrived  Alternatively, resources identified as a pipeline control point to keep oil from entering surface waters or penetrating into the ground could have arrived		
6	Additional 5,000 feet of boom available for containment, recovery or protection could have arrived  Alternatively, additional resources identified as a pipeline control point to keep oil from entering surface waters or penetrating into the ground could have arrived	Capacity to recover the lesser of 10% of worst case spill volume or 8,000 barrels within 24-hour period could have arrived	1 times the EDRC
12	Additional 20,000 feet of boom to be used for containment, protection or recovery could have arrived	Capacity to recover the lesser of 15% of worst case spill volume or 36,000 barrels within 24-hour period could have arrived	1 times the EDRC
24	More boom as necessary for containment, recovery or protection	Capacity to recover the lesser of 20% of worst case spill volume or 48,000 barrels within 24-hour period could have arrived	2 times the EDRC
48	More boom as necessary for containment, recovery or protection	Capacity to recover the lesser of 25% of worst case spill volume or 60,000 barrels within 24-hour period could have arrived	More as necessary to not slow the response

NEW SECTION

**WAC 173-182-515 Geographic information planning standards for pipeline plan holders.** (1) Plan holders shall create and maintain a geographic information planning tool that supports the plan holder in mapping and tracking spilled oil, decision making, and enhancing the recovery and removal operations that are described in the plan.

(2) The tool must include the following as applicable to the areas which may be impacted by a pipeline spill:

(a) Pipeline details which include location information for line segments, block valves, break out tanks, containment structures, control stations, safety equipment, pipeline right of way, access points, and pipeline control points;

(b) Sensitive natural, cultural and economic area information including applicable geographic response plans (GRP);

(c) Information about public resources, water intakes, sole source aquifers, existing monitoring wells and drinking water supplies;

(d) Topography of the area; and

(e) Oil spill response equipment staging information.

(3) The tool must be described and referenced in the contingency plan, but is not required to be included in the plan.

(4) The plan holder must commit in writing to utilizing the tool during drills and spills.

(5) The tool must be updated at a minimum once every five years or in response to lessons learned during drill and spill events.

#### NEW SECTION

**WAC 173-182-535 Pipeline planning standards for air monitoring to protect oil spill responders and the public.** Plans will include a narrative description of applicable federal, state, and local requirements and the plan holder's resources for conducting air monitoring to protect oil spill responders and the public, including:

(1) A description of how initial site safety assessment for responders will occur;

(2) A description of how work area air monitoring will occur;

(3) A description of how community air monitoring (area wide monitoring) will occur;

(4) A description of air monitoring instruments and detection limits that will be used by responders when monitoring for public safety;

(5) A description of action levels for various oil constituents of concern based on products handled by the pipeline (benzene, H<sub>2</sub>S, etc.);

(6) A description of data management protocols and reporting time frames to the unified command;

(7) A description of communication methods to at-risk populations;

(8) A description of how evacuation zones and shelter-in-place criteria are established.

AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-640 Process for public notice and opportunity for public review and comment period.** (1) The purpose of this section is

to specify the procedures for notifying the public which includes interested local and tribal governments about contingency plan status and decisions in order to provide opportunities for the public to review and comment.

(2) In order to receive notification of the public review and comment period, interested public, local, and tribal governments must sign up on ~~((a-listserv))~~ the ecology e-mail list (listserv) for posting notice about plan review and comment periods. Ecology's web site will also be used to post notice of public review and comment periods.

(3) Public comment periods must extend at least thirty days. Public notice, review, and comment periods are required in the following circumstances:

(a) Plan submittals for facilities or vessels that have never submitted a plan in Washington;

(b) Plan updates required by WAC 173-182-130 and 173-182-135;

(c) The submittal of plans for five-year review as required by WAC 173-182-120;

(d) Requests for an alternative planning standard in accordance with WAC 173-182-620;

(e) Plan holder requests for drill requirement waivers in accordance with WAC 173-182-740; ~~((and))~~

(f) PRC applications submitted under WAC 173-182-810;

(g) Plan updates for permanent significant changes to approved plans as required in WAC 173-182-142.

(4) Public notice, review, and comment period are not required in the following circumstances:

(a) Routine updates to names, phone numbers, formatting, or forms that do not change the approved content of the plan;

(b) Plan updates to resubmit the binding agreement based on changes to the binding agreement signer; and

(c) Annual plan reviews that result in a letter to ecology confirming that the existing plan is still accurate.

AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-700 Drill participation, scheduling and evaluation.**

(1) Plan holders and primary response contractors (PRCs) shall participate in a drill and equipment verification program for the purpose of ensuring that all contingency plan components function to provide, to the maximum extent practicable, prompt and proper removal of oil and minimization of damage from a variety of spill sizes. In Washington, a modified triennial cycle for drills, as found in the National Preparedness for Response ~~((Drill))~~ Exercise Program ~~((PREP))~~ NPREP, is relied on to test each component of the plan.

(2) Plan holders and PRCs shall ensure ecology is provided an opportunity to help design and evaluate all tabletop and deployment drills for which the plan holder desires drill credit. To ensure this, plan holders shall schedule drills on the NWACP area exercise calendar. Scheduling requirements are noted in the table ~~((below))~~ in WAC 173-182-710.

(3) Ecology shall mail a written drill evaluation report for drills to the plan holder following each deployment and tabletop

drill. Credit will be granted for drill objectives that are successfully met.

(4) Objectives that are not successfully met shall be tested again and must be successfully demonstrated within the triennial cycle, except that significant failures will be retested within thirty days.

(5) Where plan deficiencies have been identified in the written evaluation, plan holders may be required to make specific amendments to the plan or conduct additional trainings to address the deficiencies.

(6) A plan holder may request an informal review with ecology of the ecology drill evaluation within thirty days of receipt of the report.

AMENDATORY SECTION (Amending WSR 14-15-076, filed 7/16/14, effective 8/16/14)

**WAC 173-182-710 Type and frequency of drills.** The following drills shall be conducted within each triennial cycle.

Type of Drill	Frequency Within the Triennial Cycle	Special Instructions	Scheduling Instructions
Tabletop drills	3 - One in each year of the cycle	One of the three shall involve a worst case discharge scenario. The worst case discharge scenario drill shall be conducted once every three years.	Must be scheduled at least 60 days in advance, except the worst case discharge scenario at least 90 days in advance.
Deployment drills	6 - Done two per year	These drills shall include, GRP deployments, testing of each type of equipment to demonstrating compliance with the planning standards.	Scheduled at least 30 days in advance. Except the tank vessel multiplan holder deployment drill which must be scheduled at least 60 days in advance.
Ecology initiated unannounced drills	As necessary	This drill may involve testing any component of the plan, including notification procedures, deployment of personnel, boom, recovery and storage equipment.	No notice.
ERTV Deployment Drill for covered vessels transiting the Strait of Juan de Fuca	1 - One in each three year cycle, this is an additional deployment drill unless it is incorporated into a large multiobjective deployment drill.	This drill may involve notifications and tug call out, communications safety, tug demonstration of making up to, stopping, holding, and towing a drifting or disabled vessel and holding position within one hundred feet of another vessel.	Scheduled at least 30 days in advance.
Wildlife Deployment Drill	1 - One in each three year cycle. This is an additional drill unless it is incorporated into a large multiobjective deployment drill.	This drill will be a deployment of wildlife equipment and wildlife handlers.	Scheduled at least 30 days in advance.

Type of Drill	Frequency Within the Triennial Cycle	Special Instructions	Scheduling Instructions
Tank vessel multiplan holder deployment drill	1 - One in each three year cycle.	This drill may involve dedicated and nondedicated equipment, vessels of opportunity, multiple simultaneous tactics, and the verification of operational readiness over multiple operational periods.	Scheduled at least 60 days in advance.

(1) Tabletop drills: Tabletop drills are intended to demonstrate a plan holder's capability to manage a spill using the incident command system (ICS). Role playing shall be required in this drill. During all required tabletop drills plan holders must provide a master list of equipment and personnel identified to fill both command post and field operations roles. The master resources list must include:

(a) Western regional response list identification numbers for all response resources; and

(b) Personnel names, affiliation, home base and command post or field role.

(2) Once during each three year cycle, the plan holder shall ensure that key members of the regional/national "away" team as identified in the plan shall be mobilized in state for a drill. However, at ecology's discretion, team members that are out-of-state may be evaluated in out-of-state tabletop drills if ecology has sufficient notice, an opportunity to participate in the drill planning process, and provided that the out-of-state drills are of similar scope and scale to what would have occurred in state. In this case, key away team members shall be mobilized in this state at least once every six years.

(3) Plan holders covering multiple vessels and ecology shall together design a systematic approach to, over time, involve all spill management teams identified in WAC 173-182-230 (6)(a) in tabletop and deployment drills as a best practice to demonstrate the preparedness of enrolled vessel members. These drills will be scheduled by the plan holder or unannounced to be conducted by ecology, at the discretion of ecology. These drills may test any plan components but at a minimum will include notification to the enrolled vessel qualified individual, coordination of supplemental resources under WAC 173-182-232 and the transition from the plan holder spill management team to the enrolled vessel company spill management team.

(4) Equipment deployment drills: Plan holders shall use deployment drills to demonstrate the actions they would take in a spill, including: Notifications, safety actions, environmental assessment, and response equipment deployment.

(a) During the triennial cycle, deployment drills shall include a combination of plan holder owned assets, contracted PRC assets, nondedicated assets, and vessels of opportunity.

(b) Plan holders should ensure that each type of dedicated equipment listed in the plan and personnel responsible for operating the equipment are tested during each triennial cycle. Plan holders must design drills that will demonstrate the ability to meet the planning standards, including recovery systems and system compatibility and the suitability of the system for the operating environment. Drills shall be conducted in all operating environments that the plan holder could impact from spills.

(c) At least twice during a triennial cycle, plan holders shall deploy a geographic response plan (GRP) strategy identified within the

plan. If no GRPs exist for the operating area, plan holders will consult with ecology to determine alternative sensitive areas to protect.

(d) Plan holders may request credit for the prebooming of an oil transfer provided the transfer is scheduled as a deployment on the drill calendar. Such credit may only be requested once per triennial cycle.

(5) Plan holders may receive credit for deployment drills conducted by PRCs if:

(a) The PRC is listed in the plan; and

(b) The plan holder operates in the area, schedules on the drill calendar, and participates in or observes the drill.

(6) Additional large-scale multiple tank vessel plan holder equipment deployment drill requirement. Once every three years all tank vessel plan holders, including plan holders that enroll multiple tank vessels, must participate in a multiple plan holder deployment exercise. At least one plan holder shall be the drill planning lead, participate in all the planning meetings and observe the drill. This deployment may include the following objectives:

(a) Demonstration of dedicated and nondedicated equipment and trained contracted personnel;

(b) Demonstration of contracted vessel of opportunity response systems and crew performing operations appropriate to the vessel capabilities;

(c) Demonstration of multiple simultaneous tactics including:

(i) On-water recovery task forces made up of complete systems which demonstrate storage, recovery, and enhanced skimming;

(ii) Protection task forces which deploy multiple GRPs;

(iii) Vessel and personnel decontamination and disposal;

(iv) Deployment of contracted aerial assessment assets and aerial observers to direct skimming operations; and

(v) Personnel and equipment identified for night operations.

(d) Verification of the operational readiness during both the first six hours of a spill and over multiple operational periods.

(7) Additional deployment requirement for vessel plan holders with contracted access to the ERTV. Once every three years plan holders with contracted access to the ERTV must cosponsor a drill that includes deployment of the ERTV, unless ERTV drill credit has already been received under WAC 173-182-242 (1)(e). This drill must be scheduled on the area exercise calendar. The drill shall include at a minimum:

(a) Notifications and tug call out;

(b) Safety and environmental assessment;

(c) Demonstration of making up to, stopping, holding, and towing a drifting or disabled vessel;

(d) Demonstration of the capability to hold position within one hundred feet of another vessel; and

(e) Communications.

(8) Additional deployment requirement for all plan holders. Once every three years plan holders must deploy regional mobile wildlife rehabilitation equipment and personnel necessary to set up the wildlife rehabilitation system found in the plan. This is an additional deployment drill unless it is incorporated into a large multiobjective deployment drill.

(9) For all plan holders, ecology may initiate scheduled inspections and unannounced deployment and tabletop drills.

(a) In addition to the drills listed above, ecology will implement a systematic scheduled inspection and unannounced drill program

to survey, assess, verify, inspect or deploy response equipment listed in the plan. This program will be conducted in a way so that no less than fifty percent of the resources will be confirmed during the first triennial cycle, and the remaining fifty percent during the subsequent triennial cycle.

(b) Unannounced drills may be ~~((called))~~ initiated by ecology when specific problems are noted with individual plan holders, or randomly, to strategically ensure that all operating environments, personnel and equipment readiness have been adequately tested.

(c) Unannounced notification drills are designed to test the ability to follow the notification and call-out process in the plan.

(d) Immediately prior to the start of an unannounced deployment or tabletop drill, plan holders will be notified in writing of the drill objectives, expectations and scenario.

(e) Plan holders may request to be excused if conducting the drill poses an unreasonable safety or environmental risk, or significant economic hardship. If the plan holder is excused, ecology will conduct an unannounced drill at a future time.

AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-720 Evaluation criteria.** The ecology drill evaluation process is based on the National Preparedness for Response Exercise Program (NPREP) 2016 guidance document. The NPREP guidance document lists fifteen core components that shall be demonstrated by the plan holder during the triennial cycle. Ecology adopts the fifteen core components as the criteria used to evaluate plan holder tabletop and deployment drills. The core components are as follows:

(1) Notifications: Test the notifications procedures identified in the plan.

(2) Staff mobilization: Demonstrate the ability to assemble the spill response organization identified in the plan.

(3) Ability to operate within the response management system described in the plan~~((--))~~: This includes demonstration of the ICS staffing and process identified in the plan.

(4) Source control: Demonstrate the ability of the spill response organization to control and stop the discharge at the source.

(5) Assessment: Demonstrate the ability of the spill response organization to provide an initial assessment of the discharge, or potential discharge and provide continuing assessments of the effectiveness of the tactical planning and operations.

(6) Containment: Demonstrate the ability of the spill response organization to contain the discharge at the source or in various locations for recovery operations.

(7) ~~((Recovery--))~~ Mitigation: Demonstrate the ability of the spill response organization to recover, mitigate, and remove the discharged product~~((-- Includes mitigation and removal activities, e.g., dispersant use, in situ burn use))~~ through the use of oil spill countermeasures including, but not limited to, mechanical oil recovery, dispersants, in situ burning, and bioremediation ((use)).

(8) Protection: Demonstrate the ability of the spill response organization to protect the environmentally, culturally, and economically sensitive areas identified in the NWACP and the plan.

(9) Disposal: Demonstrate the ability of the spill response organization to dispose of the recovered material and contaminated debris in compliance with guidance found in the NWACP.

(10) Communications: Demonstrate the ability to establish an effective communications system throughout the scope of the plan for the spill response organization.

(11) Transportation: Demonstrate the ability to provide effective multimode((-)) transportation ((both for execution of the discharge and support functions)), for all areas of the response.

(12) Personnel support: Demonstrate the ability to provide the necessary logistical support of all personnel associated with the response.

(13) Equipment maintenance and support: Demonstrate the ability to maintain and support all equipment associated with the response.

(14) Procurement: Demonstrate the ability to establish an effective procurement system.

(15) Documentation: Demonstrate the ability of the plan holder's spill management organization to document all operational and support aspects of the response and provide detailed records of decisions and actions taken.

AMENDATORY SECTION (Amending WSR 13-01-054, filed 12/14/12, effective 1/14/13)

**WAC 173-182-740 Drill requirement waivers.** (1) Plan holders may request a waiver for a deployment or tabletop drill requirements.

(2) The request shall be in writing and shall describe why a waiver should be considered and how the plan holder is meeting the purpose and intent of the drill program with the waiver.

(3) Plan holder's requests for a drill waiver will be made available for public review and comment, including interested local and tribal governments and other stakeholders, for a period of thirty days.

(4) Ecology will evaluate the request and respond in writing within sixty calendar days of receipt of the (~~letter~~) waiver request.

AMENDATORY SECTION (Amending WSR 06-20-035, filed 9/25/06, effective 10/26/06)

**WAC 173-182-910 Noncompliance.** (1) If an owner or operator of a covered vessel, onshore or offshore facility, a person or plan holder is unable to comply with an approved contingency plan or otherwise fails to comply with requirements of this chapter, ecology may, at its discretion:

- (a) Place conditions on approval; and
- (b) Require additional drills to demonstrate effectiveness of the plan; or
- (c) Revoke the approval status.

(2) Approval of a plan by ecology does not constitute an express assurance regarding the adequacy of the plan nor constitute a defense to liability imposed under state law.

(3) Any violation of this chapter may be subject to the enforcement and penalty sanctions.

(4) Ecology may assess a civil penalty of up to one hundred thousand dollars against any person who is in violation of this (~~section~~) chapter. Each day that a covered vessel, facility or person is in violation of this (~~section~~) chapter shall be considered a separate violation.

AMENDATORY SECTION (Amending WSR 06-20-035, filed 9/25/06, effective 10/26/06)

**WAC 173-182-920 Operation without plan.** (1) A covered vessel may not enter or operate on the waters of the state without an approved, or conditionally approved, contingency plan, except that a covered vessel not in compliance with this chapter may enter waters of the state if the Coast Guard has determined that the vessel is in distress.

(2) The owner or operator of an onshore or offshore facility may not operate without an approved, or conditionally approved, plan nor transfer cargo or passengers to or from a covered vessel that does not have an approved, or conditionally approved, contingency plan. The owner or operator of a covered vessel may not transfer oil to or from an onshore or offshore facility that does not have an approved or conditionally approved contingency plan.

(3) Ecology may assess a civil penalty under RCW 43.21B.300 of up to one hundred thousand dollars against any person who is in violation of this (~~section~~) chapter. In the case of a continuing violation, each day's continuance shall be considered a separate violation.

(4) Any person found guilty of willfully violating any of the provisions of this (~~section~~) chapter, or any final written orders or directive of ecology or a court shall be deemed guilty of a gross misdemeanor and upon conviction shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the county jail for not more than one year, or by both such fine and imprisonment in the discretion of the court. Each day upon which a willful violation of the provisions of this chapter occurs may be deemed a separate and additional violation.

AMENDATORY SECTION (Amending WSR 06-20-035, filed 9/25/06, effective 10/26/06)

**WAC 173-182-930 Severability.** If any provision of this chapter is held invalid, the remainder of the (~~rule~~) chapter is not affected.