DELTA WESTERN, LLC
JUNEAU BULK FACILITY

OIL DISCHARGE PREVENTION AND CONTINGENCY PLAN (CPLAN)

RESPONSE SCENARIO

required by:
18 AAC 75.449(a)(6)

Last Revised: Not Applicable (Original Issuance, 5-Year Renewal)

Table of Contents

The table of contents provides a structured guide for navigating this document. Certain tables, figures, forms, and other embedded elements are assigned page numbers. While in most cases these page numbers appear on the pages, some do not.

Cross-Reference Table

While this response scenario is presented in the order shown in 18 AAC 75.449(a)(6), the following cross reference tables are provided to direct the reader to the appropriate information.

18 AAC 75.449(a)

Citation	Description	Response Scenario Section	Diesel Scenario Section	CPLAN Section
(a)(6)	Response scenario	1	--	--
(a)(6)(A)	Response scenario details	1.1	--	--
(a)(6)(B)	Timeline and response action description	1.2	ICS-201, ICS-204, ICS-204a (TF-1 thru TF-7)	--
(a)(6)(C)	Procedures to stop the discharge	1.3	--	1.1
(a)(6)(D)	Methods to prevent a fire hazard	1.4	--	1.7
(a)(6)(E)	Surveillance and tracking	1.5	ICS-204a (TF-4)	--
(a)(6)(F)	Protecting environmentally sensitive areas and areas of public concern	1.6	ICS-232	1.6, 3.9
(a)(6)(G)	Containing/controlling spills	1.7	--	1.1
(a)(6)(H)	Recovering contained/controlled oil	1.7	ICS-201 (Page 4), ICS-204a (TF-1, TF-2, TF-3)	--
(a)(6)(I)	Lightering, transferring, and storage of oil	1.8	ICS-204a (TF-7)	--
(a)(6)(J)	Recovered oil and oily water	1.9	ICS-204a (TF-1, TF-2, TF-3, TF-7), Table 2-2	--

Citation	Description	Response Scenario Section	Diesel Scenario Section	CPLAN Section
(a)(6)(K)	Temporary storage and ultimate disposal	1.10	ICS-204a (TF-1, TF-2, TF-3, TF-7)	--
(a)(6)(L)	Decanting	1.11	--	--
(a)(6)(M)	Protecting potentially affected wildlife	1.12	ICS-204a (TF-6), ICS-232	3.7
(a)(6)(N)	Shoreline cleanup	1.13	ICS-204a (TF-5)	--
(a)(6)(O)	Additional response strategies	Not Applicable		

Supporting Documents

Citation	Description	Plan Section
--	Response scenario presented on ICS forms and oil recovery and temporary storage tables	2, 2.1
--	Diesel Scenario	2.1
--	Spill Trajectory Model Development and Background	3.4

1 Response Scenario Introduction

18 AAC 75.449(a)(6)

As allowed by 18 AAC 75.449(a)(6), Delta Western, LLC (DW) has prepared this stand-alone response scenario as a document separate from the Oil Discharge Prevention and Contingency Plan (CPLAN). This document is incorporated by reference in Section 1.6 of the Delta Western, LLC Juneau Bulk Facility CPLAN.

This scenario was prepared to be a written description of a hypothetical spill and response that demonstrates DW's ability, using the resources described in the above-reference CPLAN, to respond to a discharge of each applicable response planning standard volume within the required time frames under 18 AAC 75.430 – 18 AAC 75.442 and under environmental conditions that might reasonably be expected to occur at the discharge site.

The response scenario is written to be useable as a general guide for a discharge of any size, and describes the discharge containment, control, recovery, transfer, storage, and cleanup actions that may be taken, and clearly demonstrates the strategies and procedures that may be used to conduct and maintain an effective response, consistent with ensuring the safety of personnel.

This document references the Spill Tactics for Alaska Responders (STAR) Manual[1] as it relates to how DW may comply with the various sections of 18 AAC 75.449(a); additionally, DW may implement or reference locally relevant Geographic Response Strategies (GRSs). The intent of inclusion of this content is to provide responders with access to relevant information that they can utilize when developing their planned approach. Not all elements of tactics and strategies included are intended to be employed in every case. The actual means of response will be based on the individual drill, exercise or incident.

1.1 Response Scenario Details

18 AAC 75.449(a)(6)(A)

Location	Juneau Bulk Facility Tank Farm
Time of Year	Summer
Time of Day	0700 Alaska Daylight Time

[1] The citation for the STAR Manual, and a link to access it, is included in Section 3.3.

Source	Tank 6
Cause of Spill	An unexplained catastrophic weld seam failure releases all the contents of Tank 6. An undetected crack in the secondary containment wall allows product to escape.
Quantity of Oil Spilled[2]	Adjusted Response Planning Standard (RPS): 147,539 gallons Estimated Percentage of RPS to Reach Open Water: 30 % Estimated Volume of RPS to Reach Open Water: 44,262 gallons
Type of Oil Spilled	Diesel
Spill Trajectory	Oil on the ground between Tank 6 and the shoreline is expected to pool on land and within the drainage ditch on the facility side of the adjacent road with some of the oil being absorbed into the porous fill material. The spill reached the water approximately 800 feet southwest of the Juneau Bulk Facility and is moving northwest with the wind and the tide. For this scenario, assuming an average current of 2 knots during a flood tide and a maximum wind speed to the northwest of 8 knots, product is projected to move at approximately 2.5 miles per hour (mph) (13,200 feet per hour). This estimate is derived by adding three percent of the wind speed to the current.
Weather	Temperature: 48 °F Wind: 8 knots northwest Other: Overcast
Sea State	Light chop to 2 feet
Visibility	10 miles
Operational Period Duration and Timing	24 hours 1: 07-04, 0700 to 07-05, 0700 [hours 0 to 24] 2: 07-05, 0700 to 07-06, 0700 [hours 24 to 48] 3: 07-06, 0700 to 07-07, 0700 [hours 48 to 72]

[2] The information in this section is based on the information provided in Section 5 of the Delta Western, LLC Juneau Bulk Facility CPLAN.

1.2 Timeline and Response Action Description

18 AAC 75.449(a)(6)(B)

The anticipated timeline and response actions are presented throughout the ICS-201, ICS-204, and ICS-204a forms[3].

1.3 Procedures to Stop the Discharge

18 AAC 75.449(a)(6)(C)

DW personnel are trained to follow the initial control and containment steps. These steps include the following, as applicable:

- Stop the flow at the source (i.e. shutoff valves, plug leaks, upright containers, etc.)
- Transfer product out of damaged tank, vessel, and/or piping
- Assess and implement prompt removal actions to contain and remove the spill substance (i.e. utilize shovels, sorbents, etc. to remove product)
- Deploy containment boom and response equipment, as needed
- Construct a containment berm
- Divert discharged oil to a collection area

Additional details can be found in Section 1.1 of the Delta Western, LLC Juneau Bulk Facility CPLAN.

In order to prevent further spread of a spill, DW may implement a decontamination plan as part of the incident-specific safety plan. In developing the decontamination plan, Occupational Safety and Health Administration (OSHA) guidance suggests the following listed information should be considered:

- Determine the number and layout of decontamination stations
- Determine the decontamination equipment needed
- Determine appropriate decontamination methods
- Establish procedures to prevent contamination of clean areas
- Establish methods and procedures to minimize worker contact with contaminants during removal of personal protective clothing and equipment (PPE)
- Establish methods for disposing of clothing and equipment that are not completely decontaminated

[3] All ICS forms referenced throughout this document can be found in Section 2.1.

DW may reference additional OSHA decontamination guidance in developing and implementing the incident-specific decontamination plan.

1.4 Methods to Prevent a Fire Hazard

18 AAC 75.449(a)(6)(D)

The following actions may be taken to prevent or control a potential fire hazard[4]:

- Warn persons in the immediate area, activate internal alarms, and call 911
- Eliminate sources of ignition, if safe to do so
- Extinguish flames, if safe to do so
- Shut-off the main electrical power supply

The facility has three (3) emergency stops, one located near each load station and one on the outside of the electric control building. See Section 1.7 of the Delta Western, LLC Juneau Bulk Facility CPLAN for facility diagrams.

1.5 Surveillance and Tracking

18 AAC 75.449(a)(6)(E)

DW has identified the following procedures/methods that may be used to track discharged oil on land or open water and forecast its expected points of shoreline contact as follows:

- Tide tables
- Projected trajectories utilizing spill modeling software[5]
- National Weather Service support staff[6]
- Visual surveillance[7]

[4] DW personnel are not trained or qualified to fight a fire of any significance (i.e., beyond that which can be extinguished with a 20 lb. fire extinguisher). Any actions beyond those described herein will require trained firefighting personnel, which will be mobilized by calling 911.

[5] Projected trajectories for the response scenario provided in Section 2.1 are found on the corresponding ICS-204a forms for the aerial surveillance task force. The spill trajectory maps in for the response scenario were developed utilizing the National Oceanic and Atmospheric Administration's (NOAA's) WebGNOME system. Additional information regarding how these spill trajectory maps were generated is provided in Section 3.4. During a real spill response, model input parameters can be set to current conditions, updated, and adjusted, as needed to predict potential product movement.

[6] The National Weather Service is a resource for weather forecasting and trajectory projections.

[7] Visual surveillance via air is anticipated to be reserved only for large incidents that involve the standup of an Incident Management Team (IMT)/Spill Management Team (SMT) with a Unified Command.

- Via land (primary on foot, but may be supported by vehicles, if needed)
- Via air (utilizing aircraft [planes or helicopters] or drones)
- Via sea (by vessel)

Additionally, the following STAR Manual tactics may be implemented or referenced:

- Plume delineation, land – B-II-1
- Discharge tracking on water – B-II-2
- Aerial observations supporting nearshore operations – B-II-3

1.6 Protecting Environmental and Areas of Public Concern

18 AAC 75.449(a)(6)(F)

Environmentally sensitive areas (ESAs) and areas of public concern are identified in Delta Western, LLC's Juneau Bulk Facility CPLAN (Section 3.9); the specific areas to be protected for this hypothetical spill scenario are presented on the ICS-232. Additionally, as discussed in Section 1.6 of Delta Western, LLC's Juneau Bulk Facility CPLAN, in the event of a spill impacted lands owned/managed by the Alaska Department of Natural Resources (ADNR), notification, consultation, and coordination with ADNR is required.

DW has identified the following tactics that may be used to protect ESAs and areas of public concern:

- Stop the flow at the source
- Assess and implement prompt removal actions to mitigate the spread
- Deploy containment boom and response equipment at the source, as needed
- Deploy exclusion or deflection boom
- Engage with staff from wildlife trustee agencies
- Initiate passive wildlife protection

Additionally, the following STAR Manual tactics may be implemented or referenced:

- Exclusion boom – B-III-12
- Deflection boom – B-III-13
- Beach berms and exclusion dams – B-III-14
- Cold water deluge – B-III-15

Relevant GRSs may also be implemented or referenced[8].

[8] In the case of the Juneau Bulk Facility, there are no GRSs within five (5) miles of the facility.

1.7 Spill Containment and Control

18 AAC 75.449(a)(6)(G), 183 AAC 75.449(a)(6)(H)

Containment and control strategies that may be utilized can be found on the corresponding ICS-204a forms included in Sections 2.1 (ICS-204a for TF-1, TF-2, and TF-3).

Additionally, the following STAR Manual tactics may be implemented or referenced:

- Booming basics – B-III-1
- Containment boom – B-III-2
- Dikes, berms, and dams – B-III-3
- Pits, trenches, and slots – B-III-4
- Nearshore free-oil recovery – B-III-5
- On-water free-oil recovery – B-III-6
- On-land recovery – B-III-7
- Diversion boom – B-III-8
- Marine recovery – B-III-9
- Shoreside recovery – B-III-10
- Passive recovery – B-III-11

Relevant GRSs may also be implemented or referenced[9].

1.8 Lightering, Transfer, and Storage of Oil

18 AAC 75.449(a)(6)(I)

The following lightering, transfer, and storage procedures have been identified for use in the event DW has to transfer all oil from damaged tank(s), and from undamaged tanks that might be at risk of discharging oil, in the shortest possible time. The most likely scenario would be a tank-to-tank transfer followed by a tank-to-barge transfer.

The identified lightering, transfer, and storage procedures for tank-to-tank transfers are as follows:

- Assess the damaged tank(s) and all associated piping, and valves; isolate the tank(s) and validate other equipment for suitability of transfer operations

[9] In the case of the Juneau Bulk Facility, there are no GRSs within five (5) miles of the facility.

- Align existing piping and valves to allow for transferring oil from the affected tank(s) to the receiving tank(s), if available
- Gauge the receiving tank(s) to ensure sufficient ullage
- Test the overfill alarm(s) on the receiving tank(s)
- Initiate transfer operations

If there is no existing piping and valves that allow for transferring oil directly from the affected tank(s) to the receiving tank(s), DW can utilize a portable transfer pump with fuel hoses to transfer product through the water draws on the affected tank(s).

The identified lightering, transfer, and storage procedures for tank-to-barge transfers are as follows:

- Assess the damaged tank(s) and all associated piping, and valves; isolate the tank(s) and validate other equipment for suitability of transfer operations
- Align piping and valves to utilize facility oil piping to the marine header for tank to barge loading
- Gauge the barge tank(s) to ensure sufficient ullage
- Conduct pre-transfer conference
- Initiate transfer operations

In the unlikely event that the existing facility oil piping and valves that allow for transferring oil directly from the affected tank(s) to the barge is damaged or unable to be utilized, DW can utilize the barges pumps along with fuel hoses to transfer product.

Lightering, transfer, and storage procedures that may be utilized can be found on the corresponding ICS-204a forms included in Section 2 (Section 2.1, ICS-204a TF-7). In both scenarios lightering and transfer operations are expected to be initiated within the first operational period as demonstrated below:

- Diesel Scenario: All required equipment for Task Force 7 (Section 2.1, ICS-201 Page 4) will be onsite by 07-04, 10:00[10].

Additionally, the following STAR Manual tactics may be implemented or referenced:

- Marine-based storage and transfer of oily liquids – B-III-16
- Land-based storage and transfer of oily liquids – B-III-17
- Pumping oily liquids – B-III-18

In the unlikely event that insufficient storage capacity is available in onsite tankage, temporary storage may be utilized. Temporary storage options are shown on Page 4 of the ICS-201 forms included in Section 2.1 as well as on the Temporary Storage Tables found in each of these sections.

[10] While all required equipment for lightering and transfers will be onsite by 07-04, 10:00, safety will take priority.

1.9 Recovered Oil and Oily Water

18 AAC 75.449(a)(6)(J)

The procedures for transfer and storage of recovered oil and oily water described herein were developed to demonstrate that DW has adequate temporary storage and removal capacity to keep up with skimming and recovery operations[11]. The procedures that may be utilized can be found in Section 8 of the corresponding ICS-204a forms (Section 2.1, TF-7 ICS-204a).

All equipment to be utilized (pumps, hoses, fittings, drums, totes, tank trucks, tankage, etc.) is compatible with the oil being transferred and stored. Portable containers and/or tank trucks will be the primary method of transporting oil and oily water from the spill site to a more secure location.

Additionally, the following STAR Manual tactics may be implemented or referenced:

- Marine-based storage and transfer of oily liquids – B-III-16
- Land-based storage and transfer of oily liquids – B-III-17
- Pumping oily liquids – B-III-18

Volumes of recovered oil and oily water will be calculated consistent with STAR Manual Appendix C or by other means agreed upon by DW and the Alaska Department of Environmental Conservation (ADEC).

With respect to the scenario, the volume of oil recovered during each operational period by piece of equipment is presented on the Oil Recovery Table contained at the end of Section 2.1 (Table 2-2).

These values were calculated as follows:

Quantity of Equipment x EDRC converted to gal/hr[12] x Hours Operating = Oil Recovered

An example is shown below for reference.

Diesel Scenario (Section 2.1) – Oil Recovery Table – Spill to Water

[11] Table 2-2 presents the estimated oil recovery and temporary storage for this hypothetical spill scenario.
[12] Note: the EDRC presented on the Oil Recovery tables is presented in gallons per day, thus this value was divided by 24 hours in order to obtain gallons per day.

Operational Period 1, Task Force 2 has 1 Skim-Pak 4200 operating. Each skimmer has an EDRC of 27,342 gallons per day (or 1,139 gallons/hour) and operate for eight (8) hours during the first operational period.

1 skimmers x 1,139 gallons/hour x 8 hours = 9,114 gallons of oil recovered

As demonstrated by the Oil Recovery Tables in Section 2.1 (Table 2-2), DW has calculated the projected recovery volume and confirmed that all oil can be recovered by the end of the 1 operational period (i.e., 24 hours). Temporary storage for these liquids is covered in the following section.

1.10 Temporary Storage and Ultimate Disposal

18 AAC 75.449(a)(6)(K)

The procedures and locations for temporary storage and ultimate disposal of oil-contaminated materials, oily wastes, and sanitary and solid waste described herein were developed to demonstrate that DW has adequate temporary storage and removal capacity to keep up with recovery operations. The procedures and locations that may be utilized can be found on the corresponding ICS-204a forms (TF-1, TF-2, TF-3, and TF-7 [Section 2.1]).

All temporary storage to be utilized (drums, totes, tank trucks, tankage, etc.) are compatible with the oil being transferred and stored.

Additionally, the following STAR Manual tactics may be implemented or referenced:

- Marine-based storage and transfer of oily liquids – B-III-16
- Land-based storage and transfer of oily liquids – B-III-17
- Pumping oily liquids – B-III-18

DW has developed a Waste Management Plan (WMP) template for quick implementation in the event of a release that requires a formal WMP to be written. The WMP template defines anticipated waste streams, labelling, required permits and authorizations, and disposal options. A generalized version of this is provided below.

DW will recycle or dispose of all spill-related wastes generated in an environmentally sound and timely manner. An incident-specific WMP may be written at the request of the Incident Commander / Unified Command and is intended to be incident specific while addressing the following items[13].

[13] A WMP is not anticipated to be developed for spills that do not require a full IMT/SMT activation.

Storage / Segregation	Contaminated waste shall be separated by waste stream type and location where the waste was recovered. Any material that is generated or recovered that may be categorized as hazardous waste, hazardous material, hazardous substance, radioactive, biohazard, or other regulated material shall be handled accordingly pursuant to applicable state, federal, and local laws and regulations. Typical categories of waste include liquids, solids, wildlife, and municipal wastes.
Storage containers	Containers shall be labeled as to the type of segregated contents, accumulation date(s), and location where the waste was collected.
Temporary storage sites[14]	Identification of appropriate sites (level, contained, and secure).
Reporting & permits	Contact appropriate federal, state, and local agencies having waste management oversight to ensure compliance.
Quantification	Define methodology for calculating amount of recovered product with applicable regulatory agency partner(s).
Characterization	Prior to waste transportation and disposal, the waste streams must be characterized in accordance with federal, state, and local laws and regulations
Transportation	Wastes are only to be transported by permitted, licensed, qualified, and approved transportation companies.
Disposal	Obtain waste manifests or other shipping documents as proof of disposal.

While final disposal sites will be determined based on waste characterization, transportation constraints, and availability, typical vendors for waste generated from the Juneau Bulk Facility include but are not limited to:

- Bicknell, Inc.
- Clean Harbors
- Full Cycle
- Waste Management

[14] The Juneau facility yard may be used as temporary storage staging areas for recovered product.

A Job Aid specific to waste management and disposal is also available through ADEC's Spill Response Permits and Tools Page; a link to this page is provided in Section 3.2.

1.11 Decanting

18 AAC 75.449(a)(6)(L)

Under the hypothetical spill scenario described herein, DW does not anticipate, nor rely on, decanting to meet temporary oil storage requirements. Additionally, DW anticipates relying primarily on mechanical recovery to cleanup oil spills. In the event decanting becomes necessary, DW will apply to the State On Scene Coordinator for approval.

A decanting guidance document, decanting permit application, and decant log are available through ADEC's Spill Response Permits and Tools Page; a link to this page is provided in Section 3.2.

1.12 Protecting Potentially Affected Wildlife

18 AAC 75.449(a)(6)(M)

The procedures, methods, and equipment that would be used for the protection, recovery, disposal, rehabilitation, and release of potentially affected wildlife described herein were developed to demonstrate that DW's proposed response action follow best practices and recommendations in the Alaska Regional Response Team *Wildlife Protection Guidelines for Oil Spill Response in Alaska*, Version 2020.02, dated September 2023. The procedures, methods, and equipment that may be utilized can be found on the corresponding ICS-204a form. Additionally, potential wildlife resources at risk are identified on the ICS-232 form.

Additional resources specific to wildlife, fish, and their habitats are also available through ADEC's Spill Response Permits and Tools Page under the heading "WILDLIFE, FISH, AND THEIR HABITATS"; a link to this page is provided in Section 3.2. Additionally, NOAA's Pinniped and Cetacean Oil Spill Response Guidelines and the Arctic Marine Mammal Disaster Response Guidelines provide guidance on dealing with marine mammals during spill response (Ziccardi, et. al., 2015 and National Marine Fisheries Service [NMFS], 2017).

Preventative methods will be prioritized to first eliminate potential impacts to wildlife. If required, wildlife response actions would be coordinated through DW's Oil Spill Response Organization (OSRO)/Primary Response Action Contractor (PRAC), and the contracted

resources they have in place[15], in consultation with wildlife resource agencies. Under these circumstances, means to minimize negative impacts to wildlife, may include:

- Keeping spilled oil away from wildlife and their habitats
- Preventing unnecessary or illegal disturbance to sensitive species and habitats[16]
- Preventing illegal collection of wildlife parts by spill response personnel[17]
- Preventing wildlife from coming into contact with cleaning agents and/or bioremediation substances used for shoreline treatment through hazing

The following outlines the scope of the wildlife resource agencies oversight and permitting authorities:

NOAA NMFS	Provides oversight and permitting/authorizations for carcass collection, deterrence, and capture of marine mammals under their jurisdiction (NMFS, 2017).
United States Fish & Wildlife Service	Provides oversight for any actions that are taken with regards to sea otters, eagles, and migratory birds.
Alaska Department of Fish & Game	Provides oversight and permitting for hazing of migratory birds, and for carcass collection, hazing, and capture and rehabilitation of terrestrial animals.

Federal and state laws and regulations limit the activities of DW personnel with respect to the handling of migratory birds, marine mammals, and other wildlife. Under these laws and regulations, it is illegal for anyone to take or handle marine wildlife except personnel from the responsible government entities or individuals authorized to take or handle marine wildlife by the proper authorities. Carcass disposal will not occur without coordination with wildlife resource agencies. Incident-specific protocols for the disposal of dead, oiled wildlife will be developed by the Environmental Unit with input from the wildlife resource agencies.

1.13 Shoreline Cleanup Procedures

18 AAC 75.449(a)(6)(N)

The procedures and locations for the deployment of shoreline cleanup equipment and personnel, including cleanup and restoration methods and techniques are described herein.

[15] Additional information on DW's OSRO/PRAC contracted resources can be found in the Delta Western, LLC Juneau Bulk Facility CPLAN (Section 3.7).
[16] These could include, but are not limited to nesting raptors, seabird rookeries, and marine mammal haul out and pupping areas.
[17] The Bald and Golden Eagle Protection Act and the Marine Mammal Protection Act prohibit collection and possession of animal parts (including feathers from Bald Eagles).

These procedures and locations center around initial shoreline assessments conducted by a Shoreline Cleanup Assessment Technique (SCAT) Team[18] that is deployed to assess the impact of oil on shorelines and develop an incident-specific shoreline cleanup plan. All SCAT Team members must be trained to ensure proper implementation of cleanup tactics and equipment usage.

Once the incident-specific shoreline cleanup plan is approved, shoreline cleanup response and logistical support would be mobilized, and plan implementation initiated. The procedures and locations that may be utilized can be found on the corresponding ICS-204a form[19].

Additionally, the following STAR Manual tactics may be implemented or referenced:

- Beach berms and exclusion dams – B-III-14
- Cold water deluge – B-III-15

[18] SCAT Teams typically consist of personnel from a variety of entities including state and federal agencies, the responsible party, and landowners. Composition of SCAT Team may vary by location.

[19] A SCAT Team and incident-specific shoreline cleanup plan are typically reserved only for large incidents that involve the standup of an IMT/SMT with a Unified Command.

2 Response Scenario - ICS Forms and Oil Recovery & Temporary Storage Tables

This section depicts the hypothetical spill scenario laid out in Section 1.1 on ICS forms. ICS forms are utilized to be a useable format for responders and highlight specific tactics as well as operational needs (personnel and equipment). It should be noted that these ICS forms focus on response actions anticipated to be taken by DW with support from their OSRO/PRAC utilizing equipment owned/operated by DW and/or their OSRO/PRAC. It should be noted here that these forms do not rely on, nor utilize, any equipment or personnel that would be available from the state or federal agencies during an actual response.

Additionally, this section contains the oil recovery calculations and temporary storage needs to demonstrate that DW can, using the resources described in the above-reference CPLAN, to respond to a discharge of each applicable response planning standard volume within the required time frames under 18 AAC 75.430 – 18 AAC 75.442 and under environmental conditions that might reasonably be expected to occur at the discharge site.

These scenarios assume the following overall objectives and strategies:

Safety Actions	Ensure safety of all responders and the public
Source Control	Secure the release as soon as possible and as close to the source as possible; mitigating spread
Contain, Control, and Recovery of Oil	Maximize mechanical containment, control, and recovery of oil; minimize impacts to shorelines and wildlife; obtain all necessary permits; prepare and implement cleanup on-land and on-water; minimize the generation of waste; ensure effective waste management
Protection of ESAs and Areas of Public Concern	Identify and protect ESAs and areas of public concern; protect wildlife resources; following the *Wildlife Protection Guidelines for Oil Spill Response in Alaska*; consult with wildlife resource agencies; obtain all necessary permits
Public Outreach	Communicate spill response information to the public, as appropriate; develop a process to receive public input; engage with stakeholders; establish and maintain a claims process

2.1 Diesel Scenario

The diesel scenario is presented on the pages that follow and is comprised of the following elements:

- Response Planning Standard[20]
- ICS-201 Incident Briefing Form
- ICS-204 and ICS-204a Assignment List and Assignment List A Attachments
- ICS-232 Resources at Risk
- Oil Recovery & Temporary Storage Tables

[20] Reiteration of the information provided in Section 5 of the Delta Western, LLC Juneau Bulk Facility CPLAN.

Response Planning Standards - Alaska

Oil Terminal Facilities 18 AAC 75.432

Volume of Largest Tank (gallons)
517,678

Prevention Measure	**Possible Reduction**	**Realized Reduction**	**Discussion/Reference**	**Volume Reduction** (gallons)	**Adjusted Volume** (gallons)	
Alcohol and drug testing of key personnel	5%	5%	18 AAC 75.432(d)(1)	25,884	491,794	
Operations training program with a professional organization or federal certification or licensing of program participants	5%	0%	18 AAC 75.432(d)(2)	-	491,794	
On-line leak detection systems that automatically alarm at a facility control room that is continuously monitored, for tanks and piping	5%	0%	18 AAC 75.432(d)(3)	-	491,794	
A sufficiently impermeable secondary containment area with a dike capable of holding the contents of the largest tank, or all potentially affected tanks in the case of increased risk, and precipitation	60%	60%	18 AAC 75.432(d)(4)	295,076	196,718	
Cathodic protection for aboveground oil storage tanks and belowground facility piping within secondary containment	10%	0%	18 AAC 75.432(d)(5)(A)	-	196,718	
Fail-safe valves on piping systems	15%	0%	18 AAC 75.432(d)(5)(B)	-	196,718	
Impervious containment area extending under the full area of each storage tank	25%	25%	18 AAC 75.432(d)(5)(C)	49,179	147,538	
Containment outside the secondary containment area	10%	0%	18 AAC 75.432(d)(6)	-	147,538	
			Total Adjusted RPS Volume (gallons)		**147,539**	**3,513** bbls

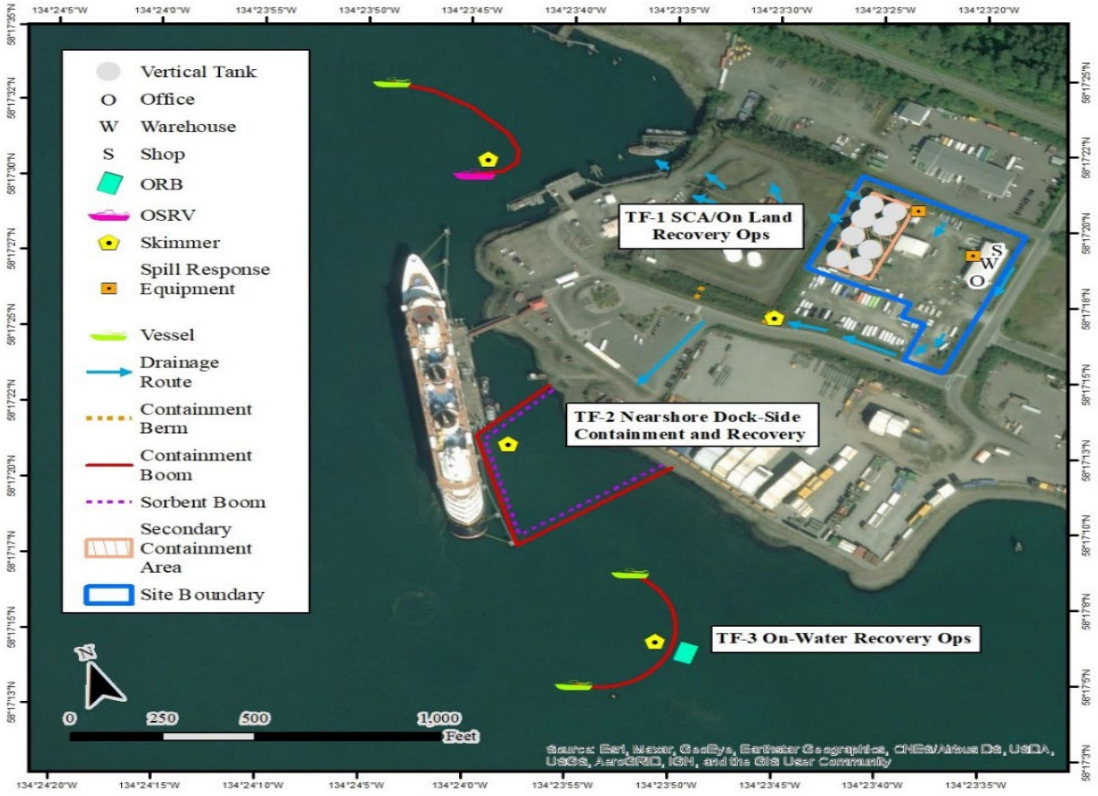
Estimated of RPS to Remain On Land
70%

Total Adjusted RPS to Remain on Land (gallons)	**103,277**	**2,459** bbls
Total Adjusted RPS to Reach Water (gallons)	**44,262**	**1,054** bbls

ICS 201 Juneau Bulk Facility Scenario				
1. Incident Name	**2. Prepared By:**	Delta Western, LLC		**INCIDENT BRIEFING**
Juneau Bulk Facility Diesel Scenario	**Date:** 7/4		**Time:** 0700	**ICS 201-CG**

3. Map / Sketch

(include sketch, showing the total area of operations, the incident sire/area, impacted and threatened areas, overflight results, trajectories, impacted shorelines or other graphics depicting the situational status and resource assignment)



4. Current Situation

Incident priorities: See ICS-201 Page 2

ICS 201 Juneau Bulk Facility Scenario				
1. Incident Name	**2. Prepared By:**	Delta Western, LLC		**INCIDENT BRIEFING**
Juneau Bulk Facility Diesel Scenario	**Date:**	7/4	**Time:**	0700	**ICS 201-CG**

5. Initial Response Objectives, Current Actions, Planned Actions

Objectives:

Ensure safety of responders and the public
Contain, control, and recover spilled oil
Complete all required notifications
Mobilize resources
Protect environmentally sensitive areas and areas of public concern

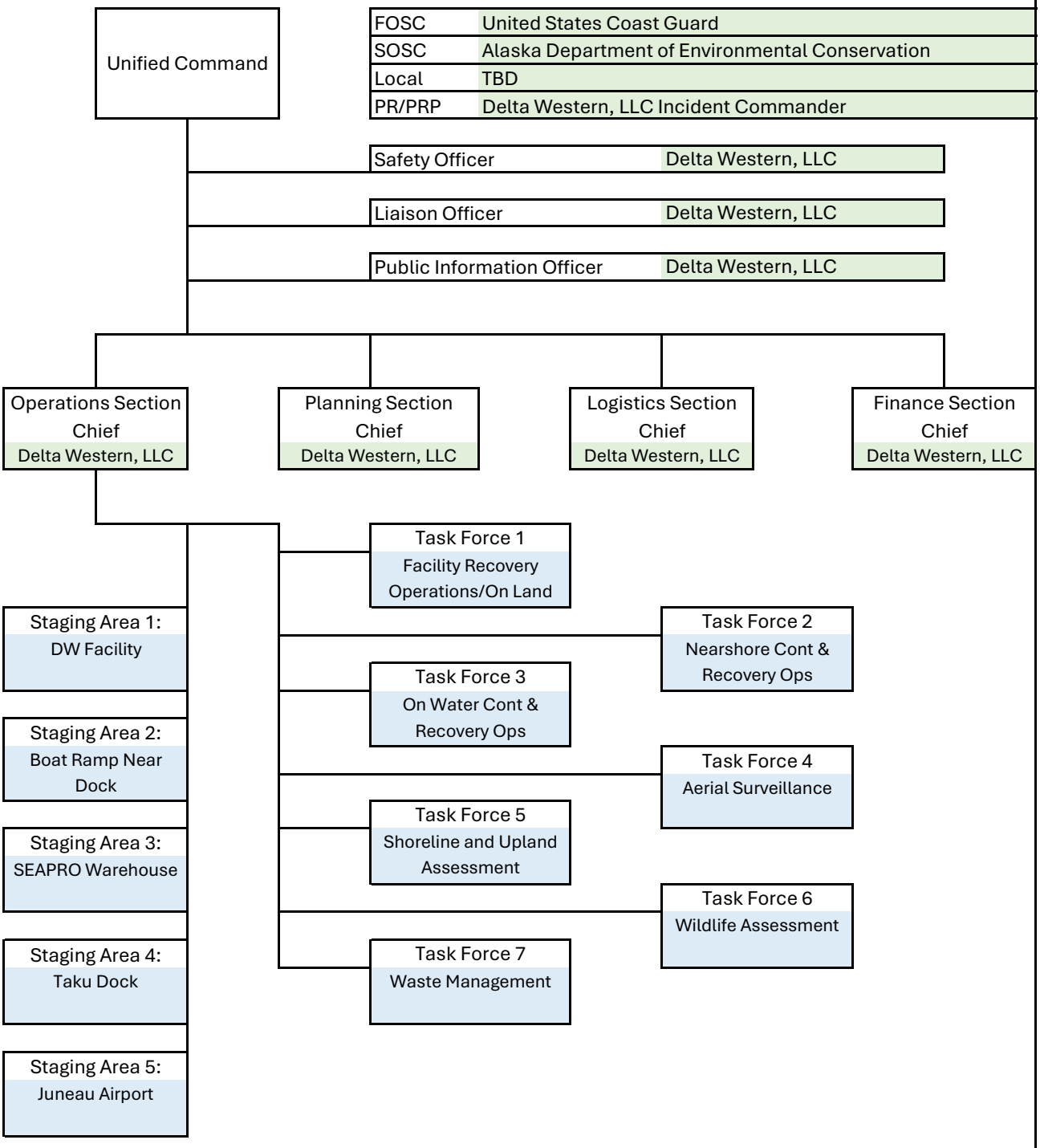
Current Actions / Planned Actions:

TIME	ACTION
0700	Spill discovered
0701	Warn persons in the immediate area, activate internal alarms
0702	Eliminate sources of ignition
0705	Identify character, source, amount, and extent of the release and other pertinent information needed for notification
0710	Discovering employee, supervisor, or Facility Manager notifies QI of discovery
0725	QI calls SEAPRO to request responders and mobilization of Juneau equipment
0730	Begin agency notifications (QI will initially notify NRC and ADEC; additional notifications may be made later as deemed necessary)
0740	Complete initial notifications and assemble response personnel
0745	Operations/safety briefing by DW IOSC
0750	Begin initial containment and control. Deploy DW skiff to assist with initial deployment of 500 ft. containment boom (launch boom from skiff or shore, depending on conditions)
0750	Request contracted resources to support recovery operations
0800	TF-1 - Begin on land recovery operations
0835	DW containment boom deployed around the release site at the shoreline
0900	TF-2 - Begin skimming operations
0930	SEAPRO Juneau responders arrive and begin to deploy on-water equipment (containment boom) in preparation for recovery from OSRV and ORB; work boats to support operations

ICS 201 Juneau Bulk Facility Scenario

1. Incident Name	2. Prepared By:	Delta Western, LLC	INCIDENT BRIEFING
Juneau Bulk Facility Diesel Scenario	Date: 7/4	Time: 0700	ICS 201-CG

6. Current Organization



Note: Where Delta Western, LLC or DW is listed, this position may be filled by a Delta Western, LLC employee, parent company personnel, or other contracted resources, as described in the Delta Western, LLC Juneau Bulk Facility CPLAN. This applies throughout all ICS forms.

ICS 201 Juneau Bulk Facility Scenario					
1. Incident Name	**2. Prepared By:**	Delta Western, LLC			**INCIDENT BRIEFING**
Juneau Bulk Facility Diesel Scenario	**Date:** 7/4	**Time:** 0700			**ICS 201-CG**
7. Resources Summary					
Resource	Resource Identifier	Date/Time Ordered	ETA	On-Scene (X)	Notes
Pump (Honda, 3")	1			X	Task Force 1
Pump (Honda, 2")	1	07-04, 0725	07-04, 0815		Task Force 1
Pump (Diesel America, 3")	1	07-04, 0725	07-05, 1125		Task Force 1
ISO Tank	1			X	Task Force 1
ISO Tank	8	07-04, 0725	07-04, 0930		Task Force 1
Drum (Storage, Open Top, 55-gallon)	20			X	Task Force 1
Drums (Open and Bung Top, 55-gallon)	50	07-04, 0750	07-04, 1125		Task Force 1
Vac Truck	4	07-04, 0750	07-04, 1200		Task Force 1
Skimmer (Crucial Rope Mop)	1	07-04, 0725	07-04, 1125		Task Force 1
Storage Tank (Tank 9)	1	07-04, 0750		X	Task Force 1
Responder	4	07-04, 0725	07-04, 1000		Task Force 1
Responder	4			X	Task Force 1
Containment Boom	500-ft			X	Task Force 2
Containment Boom	500-ft	07-04, 0725	07-04, 1125		Task Force 2
Anchor Systems (30/40 lb.)	3			X	Task Force 2
Anchor Systems (30/40 lb.)	7	07-04, 0725	07-04, 1125		Task Force 2
Skiff (Alumcraft w/ 90 HP Outboard)	1			X	Task Force 2
Sorbent Sweeps	10	07-04, 0725	07-04, 1300		Task Force 2
Sorbent Boom (Bales)	24	07-04, 0725	07-04, 1300		Task Force 2
Sorbent Boom (Bales)	36			X	Task Force 2
Skimmer (Skim-Pak 4200)	1			X	Task Force 2
Storage Bladder (Canflex FCB-60)	1	07-04, 0725	07-04, 1300		Task Force 2
Storage Bladder (Unitor 1,000 m^3)	1	07-04, 0725	07-05, 1230		Task Force 2
Responder	3	07-04, 0725	07-04, 1300		Task Force 2
Responder	1			X	Task Force 2
Skimmer (LORI 2 Brush)	1	07-04, 0725	07-04, 1000		Task Force 3
Oil Spill Response Vessel (Bay Class)	1	07-04, 0725	07-04, 1000		Task Force 3
Storage Bladder (Vikoma, Floating)	2	07-04, 0725	07-04, 1300		Task Force 3
Skimmer (LORI 3 Brush)	1	07-04, 0725	07-04, 1000		Task Force 3
Containment Boom	2,000 ft	07-04, 0725	07-04, 1000		Task Force 3
Barge (Oil Response)	1	07-04, 0725	07-04, 1000		Task Force 3
Responder	5	07-04, 0725	07-04, 1000		Task Force 3
Drone (SplashDrone 4+)	1	07-04, 0725	07-04, 1000		Task Force 4
Helicopter	1	07-04, 0725	07-04, 1000		Task Force 4
Responder	1	07-04, 0725	07-04, 1000		Task Force 4
Responder	2	07-04, 0725	07-04, 1000		Task Force 4
Skiff (Alumcraft w/ 90 HP Outboard)	1	07-04, 0725	07-04, 1000		Task Force 5
Responder	1	07-04, 0725	07-04, 1000		Task Force 5
Responder	2	07-04, 0725	07-04, 1000		Task Force 5
Skiff (21' w/ 115 HP Outboard)	1	07-04, 0725	07-04, 1000		Task Force 6
Wildlife Hazing Kit	1	07-04, 0725	07-04, 1000		Task Force 6
Responder	1	07-04, 0725	07-04, 1000		Task Force 6
Responder	2	07-04, 0725	07-05, 1000		Task Force 6
Pump (Honda, 3")	1	07-04, 0725	07-04, 1000		Task Force 7
Storage - Tank Truck (4,500-gallon)	2			X	Task Force 7
Responder	2	07-04, 0725	07-04, 1000		Task Force 7
Responder	1			X	Task Force 7

Note: If an "X" appears in the On-Scene column, the equipment and/or personnel are part of Delta Western, LLC.

ICS 204 Juneau Bulk Facility Scenario

1. Incident Name	2. Operational Period	ASSIGNMENT LIST
Juneau Bulk Facility Diesel Scenario	**From:** 07-04, 0700 **To:** 07-06, 0700	**ICS-204 CG**

3. Branch	4. Division/Group/Staging
N/A; no branches included in this scenario	N/A; no divisions or groups included in this scenario; refer to page 3 of the ICS-201 for staging areas

5. Operational Personnel

Position	Name	Affiliation	Contact # (s)
Initial Incident Commander	Facility Manager	Delta Western, LLC	TBD
Operations Section Chief	Facility Personnel	Delta Western, LLC	TBD

6. Resources Assigned

Strike Team / Task Force /	Leader	Contact Info. #	# Of Persons	Notes/Remarks	
Task Force 1	TF1 Leader	TBD	8		X
Task Force 2	TF2 Leader	TBD	4		X
Task Force 3	TF3 Leader	TBD	5		X
Task Force 4	TF4 Leader	TBD	3		X
Task Force 5	TF5 Leader	TBD	3		X
Task Force 6	TF6 Leader	TBD	3		X
Task Force 7	TF7 Leader	TBD	3		X

7. Assignments

Task Force 1	Facility Recovery Operations/On Land
Task Force 2	Nearshore Cont & Recovery Ops
Task Force 3	On Water Cont & Recovery Ops
Task Force 4	Aerial Surveillance
Task Force 5	Shoreline and Upland Assessment
Task Force 6	Wildlife Assessment
Task Force 7	Waste Management

8. Special Instructions

All operations require personal protective equipment (PPE). Any on water, or near water, operations require a personal floation device (PFD). All response personnel must read the Site Safety and Health Plan when available. All response personnel are to read tides and currents when provided. Immediately report sightings of oiled wildlife to the Incident Commander.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name / Function	Radio Freq. / System / Channel	Cell / Pager
Task Force 1	10 - SEAPRO Default	TBD
Task Force 2	10 - SEAPRO Default	TBD
Task Force 3	10 - SEAPRO Default	TBD
Task Force 4	10 - SEAPRO Default	TBD
Task Force 5	10 - SEAPRO Default	TBD
Task Force 6	10 - SEAPRO Default	TBD
Task Force 7	10 - SEAPRO Default	TBD

Emergency Communications

Medical: Evacuation: Other:

10. Prepared By	11. Approved By
Planning Section	Unified Command

ICS 204a Juneau Bulk Facility Scenario

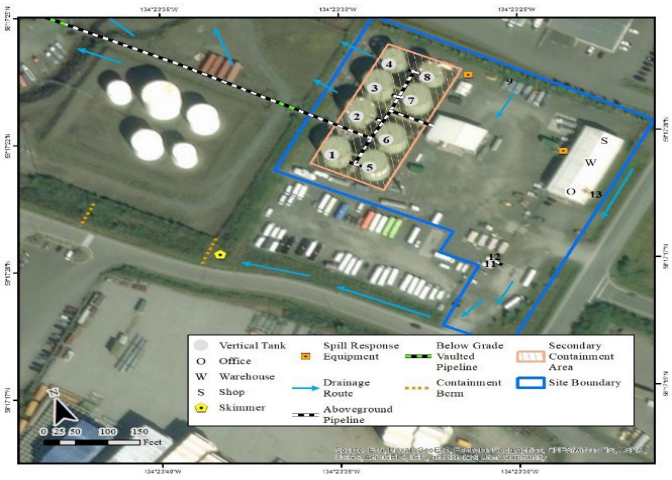
1. Incident Name	2. Operational Period			ASSIGNMENT LIST A ATTACHMENT
Juneau Bulk Facility Diesel Scenario	From:	07-04, 0700	To: 07-06, 0700	ICS-204a CG

3. Branch	4. Division/Group/Staging	
Refer to ICS-204	Refer to ICS-204	
5. Strike Team / Task Force / Resource (Identifier)	**6. Leader**	**7. Assignment Location**
Task Force 1 Facility Recovery Operations/On Land	TF1 Leader	DW Facility

8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment, Special Environmental Considerations, Special Site Specific Safety Considerations

Recover free product from secondary containment area using pumps and hose. Transfer recovered product to ISO Tanks and to Tank 9. Free oil recovery in areas on land where oil has pooled and where berm was constructed in ditch adjacent to property as a collection point. Utilize the Juneau facility yard for temporary storage of recovered materials.

See STAR Manual Section: B-III-1 - Booming basics
See STAR Manual Section: B-III-7 - On-land recovery
See STAR Manual Section: B-III-17 - Land-based storage & transfer of oily liquids



Special Equipment / Supplies Needed

Type	Quantity	Equipment Details		Staging Area
Pump (Honda, 3")	1	SEAPRO	Used for free product recovery within SCA	DW Facility
Pump (Honda, 2")	1	DW	Used for free product recovery	DW Facility
Pump (Diesel America, 3")	1	SEAPRO	Used for free product recovery within SCA	DW Facility
ISO Tank	1	DW	Storage of recovered liquids from SCA	DW Facility
ISO Tank	8	SEAPRO	Storage of recovered liquids from SCA	DW Facility
Drum (Storage, Open Top, 55-gallon)	20	DW	Storage of recovered liquids from land	DW Facility
Drums (Open and Bung Top, 55-gallon)	50	Contract	Storage of recovered liquids from land	DW Facility
Vac Truck	4	Contract	Transfer recovered product	DW Facility
Skimmer (Crucial Rope Mop)	1	SEAPRO	Stage near ditch where berm constructed for liquid recovery	DW Facility
Storage Tank (Tank 9)	1	DW	Storage of recovered liquids	DW Facility
Responder	4	SEAPRO		DW Facility
Responder	4	DW		DW Facility

Special Environmental Considerations

Refer to ICS-204

Special Site Specific Safety Considerations

Refer to ICS-204

9. Other Attachments (as needed)

☐ Map / Chart ☐ Weather Forecast / Tides / Currents ☐ _____

10. Prepared By	Date / Time	11. Reviewed By	Date / Time	12. Reviewed By	Date / Time
Planning Section		Operations Section		Unified Command	

ICS 204a Juneau Bulk Facility Scenario

1. Incident Name	2. Operational Period		ASSIGNMENT LIST A ATTACHMENT
Juneau Bulk Facility Diesel Scenario	From: 07-04, 0700	To: 07-06, 0700	ICS-204a CG

3. Branch	4. Division/Group/Staging
Refer to ICS-204	Refer to ICS-204

5. Strike Team / Task Force / Resource (Identifier)		6. Leader	7. Assignment Location
Task Force 2	Nearshore Cont & Recovery Ops	TF2 Leader	Boat Ramp Near Dock

8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment, Special Environmental Considerations, Special Site Specific Safety Considerations

Deploy containment boom and recover concentrated free oil using skimmer. Store recovered liquid in bladders and other containers (as needed). Deploy sorbent boom inside the containment boom to passively recover thin concentration of fuel on the water. Monitor and replace sorbent boom if it becomes saturated during the response. Deploy sorbent sweeps after the skimmer is no longer effective to recover the thinnest concentrations of product on the water. Utilize unitor storage bladder as soon as it arrives onsite.

See STAR Manual Section:	B-III-1 - Booming basics
See STAR Manual Section:	B-III-2 - Containment boom
See STAR Manual Section:	B-III-6 - On-water free-oil recovery
See STAR Manual Section:	B-III-9 - Marine recovery
See STAR Manual Section:	B-III-16 - Marine-based storage & transfer of oily liquids

Special Equipment / Supplies Needed

Type	Quantity	Equipment Details		Staging Area
Containment Boom	500-ft	DW	Containment and diversion booming	Boat Ramp Near Dock
Containment Boom	500-ft	SEAPRO	Containment and diversion booming	Boat Ramp Near Dock
Anchor Systems (30/40 lb.)	3	DW	Use to assist in booming efforts	Boat Ramp Near Dock
Anchor Systems (30/40 lb.)	7	SEAPRO	Use to assist in booming efforts	Boat Ramp Near Dock
Skiff (Alumcraft w/ 90 HP Outboard)	1	DW	Use to assist in booming efforts	DW Facility
Skiff (21' w/ 115 HP Outboard)	1	SEAPRO	Use to assist in booming efforts	Boat Ramp Near Dock
Sorbent Sweeps	10	SEAPRO	Use to line containment boom and collect thin concentrations of fuel	Boat Ramp Near Dock
Sorbent Boom (Bales)	24	SEAPRO	Deploy near each skimmer	Boat Ramp Near Dock
Sorbent Boom (Bales)	36	DW	Use to line containment boom and collect thin concentrations of fuel	Boat Ramp Near Dock
Skimmer (Skim-Pak 4200)	1	DW	Deployed off dock in concentrated oil	Boat Ramp Near Dock
Storage Bladder (Canflex FCB-60)	1	SEAPRO	Recovered liquid storage for TF2 and TF3	Boat Ramp Near Dock
Storage Bladder (Unitor 1,000 m^3)	1	SEAPRO	Recovered liquid storage for TF2 and TF3	Boat Ramp Near Dock
Responder	3	SEAPRO		DW Facility
Responder	1	DW		DW Facility

Special Environmental Considerations

Refer to ICS-204

Special Site Specific Safety Considerations

Refer to ICS-204

9. Other Attachments (as needed)

☐ Map / Chart ☐ Weather Forecast / Tides / Currents ☐ _____

10. Prepared By	Date / Time	11. Reviewed By	Date / Time	12. Reviewed By	Date / Time
Planning Section		Operations Section		Unified Command	

ICS 204a Juneau Bulk Facility Scenario

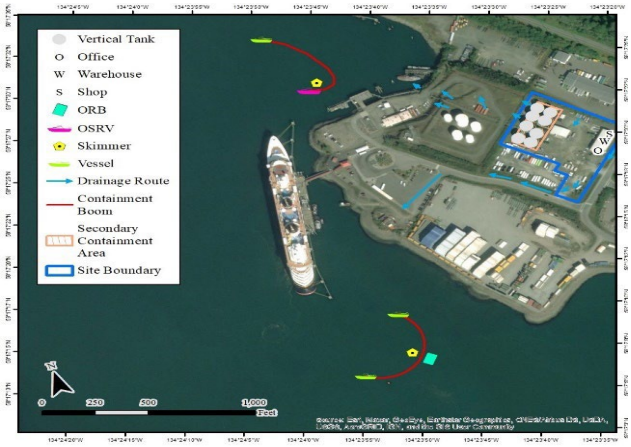
1. Incident Name	2. Operational Period		ASSIGNMENT LIST A ATTACHMENT
Juneau Bulk Facility Diesel Scenario	From: 07-04, 0700	To: 07-06, 0700	ICS-204a CG

3. Branch	4. Division/Group/Staging	
Refer to ICS-204	Refer to ICS-204	
5. Strike Team / Task Force / Resource (Identifier)	**6. Leader**	**7. Assignment Location**
Task Force 3 On Water Cont & Recovery Ops	TF3 Leader	SEAPRO Warehouse

8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment, Special Environmental Considerations, Special Site Specific Safety Considerations

Review spill trajectories and obtain on-scene reports of oil movement from field responders. Target leading edge of spill in Gastineau Channel to contain oil and prevent impact to inner harbor sensitive resources, water intake zones, and cruise ship dock. On outgoing tide, contain and recover oil near dock areas to prevent the spread of oil. Anticipate tidal changes and shift assets to maximize oil recovery efforts. Once at 90% capacity, 249 bbl barge to be rotated to bladder for offloading of recovered product and placed back in service.

See STAR Manual Section:	B-II-2 - Discharge tracking on water
See STAR Manual Section:	B-III-1 - Booming basics
See STAR Manual Section:	B-III-2 - Containment boom
See STAR Manual Section:	B-III-9 - Marine recovery
See STAR Manual Section:	B-III-16 - Marine-based storage & transfer of oily liquids



Special Equipment / Supplies Needed

Type	Quantity	Equipment Details		Staging Area
Skimmer (LORI 2 Brush)	1	SEAPRO	On-water skimming operations - J - configuration	SEAPRO Warehouse
Oil Spill Response Vessel (Bay Class)	1	SEAPRO	Boom deployment and management with OSRV and ORB (vessel includes crew)	SEAPRO Warehouse
Storage Bladder (Vikoma, Floating)	2	SEAPRO	Assigned to OSRV for recovered fluids and rotated as needed	SEAPRO Warehouse
Skimmer (LORI 3 Brush)	1	SEAPRO	Deploy from OSRV	SEAPRO Warehouse
Containment Boom	2,000 ft	SEAPRO	Used to assist in skimming and collection efforts	SEAPRO Warehouse
Barge (Oil Response)	1	SEAPRO	On-water storage, rotate to Unitor 1000 m3 for offloading recovered liquids; barge	SEAPRO Warehouse
Responder	5	SEAPRO		SEAPRO Warehouse

Special Environmental Considerations

Refer to ICS-204

Special Site Specific Safety Considerations

Refer to ICS-204

9. Other Attachments (as needed)

☐ Map / Chart ☐ Weather Forecast / Tides / Currents ☐ _____

10. Prepared By	Date / Time	11. Reviewed By	Date / Time	12. Reviewed By	Date / Time
Planning Section		Operations Section		Unified Command	

ICS 204a Juneau Bulk Facility Scenario

1. Incident Name	2. Operational Period			ASSIGNMENT LIST A ATTACHMENT
Juneau Bulk Facility Diesel Scenario	From:	07-04, 0700	To: 07-06, 0700	ICS-204a CG

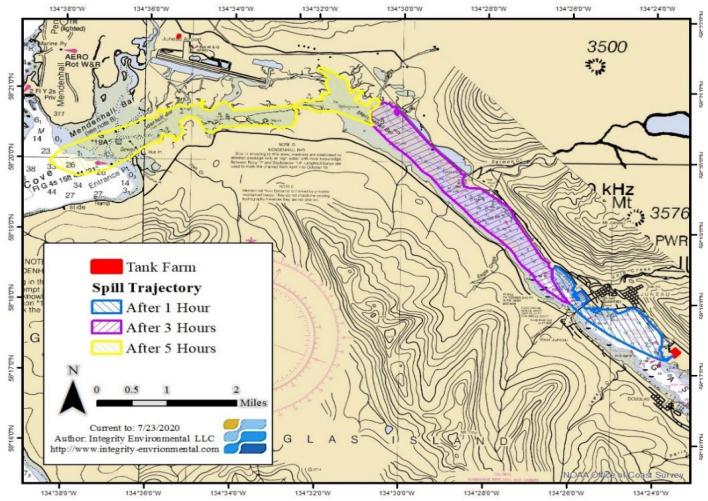
3. Branch	4. Division/Group/Staging
Refer to ICS-204	Refer to ICS-204

5. Strike Team / Task Force / Resource (Identifier)		6. Leader	7. Assignment Location
Task Force 4	Aerial Surveillance	TF4 Leader	DW Facility / Airport

8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment, Special Environmental Considerations, Special Site Specific Safety Considerations

Multi-task mission (note wildlife observations and shoreline impacts). Deploy drone and/or helicopter to perform surveillance of the on-water oil to assist with recovery, cleanup, and preventative booming efforts. Spill trajectory at hour 2, 4, and 6 without recovery operations. There are two predominant wind directions in Juneau, however, they both result in a north/northwest spill trajectory.

See STAR Manual Section:	B-II-1 - Plume delineation, land
See STAR Manual Section:	B-II-2 - Discharge tracking on water
See STAR Manual Section:	B-II-3 - Aerial observations supporting nearshore operations



Special Equipment / Supplies Needed

Type	Quantity	Equipment Details		Staging Area
Drone (SplashDrone 4+)	1	SEAPRO	On-water spill tracking, once available	DW Facility
Helicopter	1	Contract	Initial overflights and/or if adverse weather conditions prevent operation of the drone (includes pilot)	Juneau Airport
Responder	1	SEAPRO		DW Facility
Responder	2	Agency		DW Facility

Special Environmental Considerations

Refer to ICS-204

Special Site Specific Safety Considerations

Refer to ICS-204

Water operations - PFD and survival suit required for helicopter personnel.

9. Other Attachments (as needed)

☐ Map / Chart ☐ Weather Forecast / Tides / Currents ☐ _____

10. Prepared By	Date / Time	11. Reviewed By	Date / Time	12. Reviewed By	Date / Time
Planning Section		Operations Section		Unified Command	

ICS 204a Juneau Bulk Facility Scenario

1. Incident Name	2. Operational Period		ASSIGNMENT LIST A ATTACHMENT
Juneau Bulk Facility Diesel Scenario	From: 07-04, 0700	To: 07-06, 0700	ICS-204a CG

3. Branch	4. Division/Group/Staging
Refer to ICS-204	Refer to ICS-204

5. Strike Team / Task Force / Resource (Identifier)		6. Leader	7. Assignment Location
Task Force 5	Shoreline and Upland Assessment	TF5 Leader	Taku Dock

8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment, Special Environmental Considerations, Special Site Specific Safety Considerations

Prepare shoreline and upland assessment implementation plan with IMT/SMT. Make accessibility determinations based on findings from TF-4. Once on-water recovery efforts are completed, begin shoreline recovery based on approved assessment.

See STAR Manual Section: B-III-10 - Shoreside recovery
See STAR Manual Section: B-III-11 - Passive recovery

Special Equipment / Supplies Needed

Type	Quantity		Equipment Details	Staging Area
Skiff (Alumcraft w/ 90 HP Outboard)	1	SEAPRO	Re-assigned from TF-2	Taku Dock
Responder	1	SEAPRO		Taku Dock
Responder	2	Agency		Taku Dock

Special Environmental Considerations

Refer to ICS-204

Special Site Specific Safety Considerations

Refer to ICS-204

9. Other Attachments (as needed)

☐ Map / Chart ☐ Weather Forecast / Tides / Currents ☐ _____

10. Prepared By	Date / Time	11. Reviewed By	Date / Time	12. Reviewed By	Date / Time
Planning Section		Operations Section		Unified Command	

ICS 204a Juneau Bulk Facility Scenario

1. Incident Name	2. Operational Period		ASSIGNMENT LIST A ATTACHMENT ICS-204a CG
Juneau Bulk Facility Diesel Scenario	From: 07-04, 0700	To: 07-06, 0700	

3. Branch	4. Division/Group/Staging
Refer to ICS-204	Refer to ICS-204

5. Strike Team / Task Force / Resource (Identifier)		6. Leader	7. Assignment Location
Task Force 6	Wildlife Assessment	TF6 Leader	Taku Dock

8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment, Special Environmental Considerations, Special Site Specific Safety Considerations

Prepare wildlife assessment with potential implementation of hazing techniques. Make accessibility dterminations and protection needs based on findings from TF-4. Report wildlife observations to the environmental unit.

Special Equipment / Supplies Needed

Type	Quantity	Equipment Details		Staging Area
Skiff (21' w/ 115 HP Outboard)	1	SEAPRO	Reassigned from TF-2	Taku Dock
Wildlife Hazing Kit	1	SEAPRO		SEAPRO Warehouse
Responder	1	SEAPRO		SEAPRO Warehouse
Responder	2	Contract	IBR Personnel - Will arive on site within 24 hours	SEAPRO Warehouse

Special Environmental Considerations

Refer to ICS-204

Special Site Specific Safety Considerations

Refer to ICS-204

9. Other Attachments (as needed)

☐ Map / Chart ☐ Weather Forecast / Tides / Currents ☐ _____

10. Prepared By	Date / Time	11. Reviewed By	Date / Time	12. Reviewed By	Date / Time
Planning Section		Operations Section		Unified Command	

ICS 204a Juneau Bulk Facility Scenario

1. Incident Name	2. Operational Period		ASSIGNMENT LIST A ATTACHMENT
Juneau Bulk Facility Diesel Scenario	From: 07-04, 0700	To: 07-06, 0700	ICS-204a CG

3. Branch	4. Division/Group/Staging
Refer to ICS-204	Refer to ICS-204

5. Strike Team / Task Force / Resource (Identifier)	6. Leader	7. Assignment Location
Task Force 7 Waste Management	TF7 Leader	DW Facility

8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment, Special Environmental Considerations, Special Site Specific Safety Considerations

Transfer and storage of recovered product from recovery operations task forces to available temporary storage units. Maintain documentation that accounts for quantity of product transferred from each device throughout the response.

See STAR Manual Section: B-III-17 - Land-based storage & transfer of oily liquids

See STAR Manual Section: B-III-18 - Pumping oily liquids

Special Equipment / Supplies Needed

Type	Quantity		Equipment Details	Staging Area
Pump (Honda, 3")	1	SEAPRO	Transfer of recovered liquids	DW Facility
Storage - Tank Truck (4,500-gallon)	2	DW	Transfer of recovered liquids	DW Facility
Responder	2	DW	Tank truck driver	DW Facility
Responder	1	SEAPRO		DW Facility

Special Environmental Considerations

Refer to ICS-204

Special Site Specific Safety Considerations

Refer to ICS-204

9. Other Attachments (as needed)

☐ Map / Chart ☐ Weather Forecast / Tides / Currents ☐ _____

10. Prepared By	Date / Time	11. Reviewed By	Date / Time	12. Reviewed By	Date / Time
Planning Section		Operations Section		Unified Command	

ICS 232 Juneau Bulk Facility Scenario

1. Incident Name	2. Operational Period		RESOURCES AT RISK
Juneau Bulk Facility Diesel Scenario	**From:** 07-04, 0700	**To:** 07-06, 0700	ICS 232-CG

3. Environmentally Sensitive Areas and Wildlife Issues

Site #	Priority	Site Name and /or Physical Location	Site Issues
1	1	City of Juneau waterfront facilities	Notification to public and commercial businesses; protection prioritization to be conducted by environmental unit lead, planning, and operations with local government input
2	2	Gastineau Channel and DIPAC Kowee Creek Fish Hatcheries	Notification to hatchery operator; determine protection of water intake based on spill trajectories and aerial overflights
3	3	DIPAC Sheep Creek Hatchery	Notification to hatchery operator; determine protection of water intake based on spill trajectories and aerial overflights
4	4	Gold Creek	Notification to public and commercial businesses; protection prioritization to be conducted by environmental unit lead, planning, and operations with local government input
5	5	Sandy Beach on Douglas Island	Protection prioritization to be conducted by environmental unit lead, planning, and operations with local government input
6	6	Surrounding anadromous streams	Fish, intertidal spawning, waterfowl, recreational use; accessible via roadways, trail systems, and water ways

Narrative

Deploy exclusion boom at the mouths of anadromous streams and water bodies within the oil spill trajectory area. At the discretion of the Incident Commander, Operations Section Chief, and OSRO/PRAC, deploy exclusion boom at other anadromous streams in the area.

4. Archaeo-cultural and Socio-economic issues

Site #	Priority	Site Name and /or Physical Location	Site Issues

Narrative

The above list identify potential site categories of major concern in the local area. Consult with the on-scene coordinator and available agency resources, including the DNR Office of History and Archaeology, for additional potential sites. All responders are instructed to report any cultural resources found during operations to Federal On-Scene Coordinator Historic Properties Specialist.

4. Prepared By	Date / Time
Environmental Unit Lead	

Note: Form ICS 232 will be written with direct input from resource agencies at the time of a spill. The above document is used for scenario reference.

OIL RECOVERY CALCULATIONS	
Total Adjusted RPS to Remain on Land (gallons)	**103,277**

Oil Recovery Table - Spill to Land								
Operational Period	**Task Force**		**Recovery Equipment**	**Quantity**	**EDRC per unit** (gal/day)		**Volume** (gallons)	
						Hours Operating	**Oil Recovered**	**Cumulative Oil Recovered**
1	Task Force 1	Facility Recovery Operations/On Land	Pump (Honda, 3")	1	458,640	2	38,220	38,220
1	Task Force 1	Facility Recovery Operations/On Land	Pump (Honda, 2")	1	235,872	2	19,656	57,876
1	Task Force 1	Facility Recovery Operations/On Land	Pump (Diesel America, 3")	1	144,144	2	12,012	69,888
2	Task Force 1	Facility Recovery Operations/On Land	Pump (Honda, 3")	1	458,640	1	19,110	88,998
2	Task Force 1	Facility Recovery Operations/On Land	Pump (Honda, 2")	1	235,872	1	9,828	98,826
2	Task Force 1	Facility Recovery Operations/On Land	Pump (Diesel America, 3")	1	144,144	1	6,006	104,832

Total Adjusted RPS to Reach Water (gallons)	**44,262**

Oil Recovery Table - Spill to Water								
Operational Period	**Task Force**		**Recovery Equipment**	**Quantity**	**EDRC per unit** (gal/day)		**Volume** (gallons)	
						Hours Operating	**Oil Recovered**	**Cumulative Oil Recovered**
1	Task Force 2	Nearshore Cont & Recovery Ops	Skimmer (Skim-Pak 4200)	1	27,342	3	3,418	3,418
1	Task Force 3	On Water Cont & Recovery Ops	Skimmer (LORI 2 Brush)	1	104,034	2	8,670	12,087
1	Task Force 3	On Water Cont & Recovery Ops	Skimmer (LORI 3 Brush)	1	156,030	2	13,003	25,090
2	Task Force 2	Nearshore Cont & Recovery Ops	Skimmer (Skim-Pak 4200)	1	27,342	4	4,557	29,647
2	Task Force 3	On Water Cont & Recovery Ops	Skimmer (LORI 2 Brush)	1	104,034	2	8,670	38,316
2	Task Force 3	On Water Cont & Recovery Ops	Skimmer (LORI 3 Brush)	1	156,030	1	6,501	44,818

TEMPORARY STORAGE CALCULATIONS	
Total Oil Recovered (gallons)	**149,650**

Operational Period	**Task Force**		**Storage Equipment**	**Quantity**	**Volume** (gallons)		
					Capacity	**Total Capacity**	**Cumulative Capacity**
1,2	Task Force 1	Facility Recovery Operations/On Land	ISO Tank	1	6,000	6,000	6,000
1,2	Task Force 1	Facility Recovery Operations/On Land	ISO Tank	8	6,000	48,000	54,000
1,2	Task Force 1	Facility Recovery Operations/On Land	Drum (Storage, Open Top, 55-gallon)	20	55	1,100	55,100
1,2	Task Force 1	Facility Recovery Operations/On Land	Drums (Open and Bung Top, 55-gallon)	50	55	2,750	57,850
1,2	Task Force 1	Facility Recovery Operations/On Land	Storage Tank (Tank 9)	1	6,000	6,000	63,850
1,2	Task Force 2	Nearshore Cont & Recovery Ops	Storage Bladder (Canflex FCB-60)	1	6,594	6,594	70,444
2	Task Force 2	Nearshore Cont & Recovery Ops	Storage Bladder (Unitor 1,000 m^3)	1	264,180	264,180	334,624
1,2	Task Force 3	On Water Cont & Recovery Ops	Storage Bladder (Vikoma, Floating)	2	3,301	6,602	341,226
1,2	Task Force 3	On Water Cont & Recovery Ops	Barge (Oil Response)	1	10,458	10,458	351,684
1,2	Task Force 7	Waste Management	Storage - Tank Truck (4,500-gallon)	2	4,500	9,000	360,684

SUMMARY	
Total Temporary Storage Capacity (gallons)	334,624
Total Oil Recovered (gallons)	149,650
Net (gallons)	184,975

Note: If net result is positive, there is sufficient storage for the response scenario.

3 Plan Appendix

The following documents are provided in the overall Plan Appendix:

Other

- Acronym List
- Helpful Links for Spill Response
- Bibliography
- Supporting Documentation
  - Spill Trajectory Model Development and Background
- Revision Log

3.1 Acronym List

The acronyms, in alphabetical order, used in this plan are defined below.

AAC	Alaska Administrative Code
ADEC	Alaska Department of Environmental Conservation
ADNR	Alaska Department of Natural Resources
CPLAN	Oil Discharge Prevention and Contingency Plan
DW	Delta Western, LLC
ESA	Environmentally Sensitive Area
EDRC	Effective Daily Recovery Capacity
GRS	Geographic Response Strategy
ICS	Incident Command System
IMT	Incident Management Team
MPH	Miles Per Hour
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
OSHA	Occupational Safety and Health Administration
OSRO	Oil Spill Response Organization
PRAC	Primary Response Action Contractor
RPS	Response Planning Standard
SCAT	Shoreline Cleanup Assessment Technique
SMT	Spill Management Team
STAR Manual	Spill Tactics for Alaska Responders Manual
TF	Task Force
WMP	Waste Management Plan

3.2 Helpful Links for Spill Response

Alaska Regional Contingency Plan	https://dec.alaska.gov/spar/ppr/contingency-plans/response-plans/regional-contingency-plan/
ADEC STAR Manual	https://dec.alaska.gov/spar/ppr/response-resources/star-manual/
ADEC Spill Response Permits and Tools Page	https://dec.alaska.gov/spar/ppr/response-resources/permits-tool/
Area Plan References and Tools	https://dec.alaska.gov/spar/ppr/contingency-plans/response-plans/tools/
NOAA WebGNOME	https://gnome.orr.noaa.gov/

3.3 Bibliography

ADEC, 2014	Spill Tactics for Alaska Responders, March 2014. https://dec.alaska.gov/spar/ppr/response-resources/star-manual/ [accessed July 23, 2025]
Alaska Regional Response Team Wildlife Protection Committee, 2023	Wildlife Protection Guidelines for Oil Spill Response in Alaska, Version 2020.02, dated September 2023. nrt.org/sites/176/files/Alaska_RRT_Wildlife_Protection_Guidlines_2020.2-FINAL.pdf [accessed July 23, 2025]
NMFS, 2017	Fisheries of the United States. https://www.fisheries.noaa.gov/resource/document/fisheries-united-states-2017-report [accessed July 23, 2025]
OSHA, 2026	OSHA Decontamination Web Page, January 2026. https://www.osha.gov/hazardous-waste/decontamination# [accessed January 8, 2026]
Ziccardi, M., Wilkin, S., Rowles, T., and Johnson, S., 2015	Pinniped and Cetacean Oil Spill Response Guidelines. U.S. Department of Commerce, NOAA. NOAA Technical Memorandum NMFS-OPR-52, 138 p.

3.4 Spill Trajectory Model Development and Background

The information below is designed to provide additional background information to describe how the spill trajectories presented in this Response Scenario and utilized by DW in the preparation of information presented in Section 3 of the Delta Western, LLC Juneau Bulk Facility CPLAN were generated. As this document is adopted by reference in the Delta Western, LLC Juneau Bulk Facility CPLAN, all bibliographic information is contained there.

NOAA's WebGNOME spill modeling website (https://gnome.orr.noaa.gov/) was used to prepare the spill trajectory maps included in the scenario presented in Section 2.1 of this document.

When generating the spill trajectory maps, the manual set up function was used, and the following parameters were set before running the model:

Model Settings	Selected the applicable start time (i.e., 07:00 Alaska Daylight Time) to align with the scenario Left all other items in this section set to the defaults
Map	• Selected the spill site on the map • Drew a polygon on the area of interest and a shoreline polygon was generated
Spill	• Selected point/line instantaneous release • Used the ADEC RPS as the amount released • Substance/Oil – uploaded the applicable ADIOS files for diesel Left all other items in this section set to the defaults
Wind	• Selected point wind and placed marker on the map in the spill area • Adjusted wind direction and speed to align with the spill scenario
Water Properties	Selected the applicable average water temperature for the time of year in which the scenario occurs

Once all of the parameters were set, the model was run pausing at the 2-, 4-, and 6-hour marks; at each of these times, the distance that the release had traveled was measured.

In order to develop an accurate model, the wind direction has to be adjusted, and the model must be re-run multiple times to prevent the spill from accumulating on the nearby

shorelines. The purpose of running the model is to determine the furthest extent of the release should no containment actions be taken.

The information gathered from running the model was then used to create polygons in ArcGIS showing the extent of the release at the three time increments (2, 4, and 6 hours after the spill).

The spill trajectory maps included in Section 2.1 are for informational and planning purposes only and would not be relied upon in an actual spill event. The software's predictions are based on mathematical models that may not fully account for real-world variability, including ocean currents, wind patterns, temperature fluctuations, etc.

As described in Section 1.5, the approach described above can be used in the event of a spill to track discharged oil on land or open water and forecast its expected points of shoreline contact.

3.5 Revision Log

The table below is used to document amendments to this document.

Revision Number	Month Year	Affected Pages	Changes Made	Associated CPLAN Revision Number
0	January 2026	All	Original Issuance	0