

History of PWS Tanker Contingency Plan

Presentation to PWSRCAC Board

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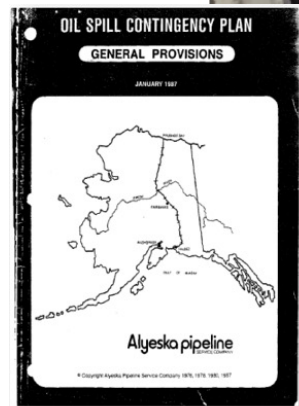


Outline

- Purpose/scope
- Approach
- Deliverables

Purpose of the project

- Describe the history of the PWS Tanker Plan
- Scope:
 - Tanker Plan only (not VMT plan)
 - 1995 – 2020



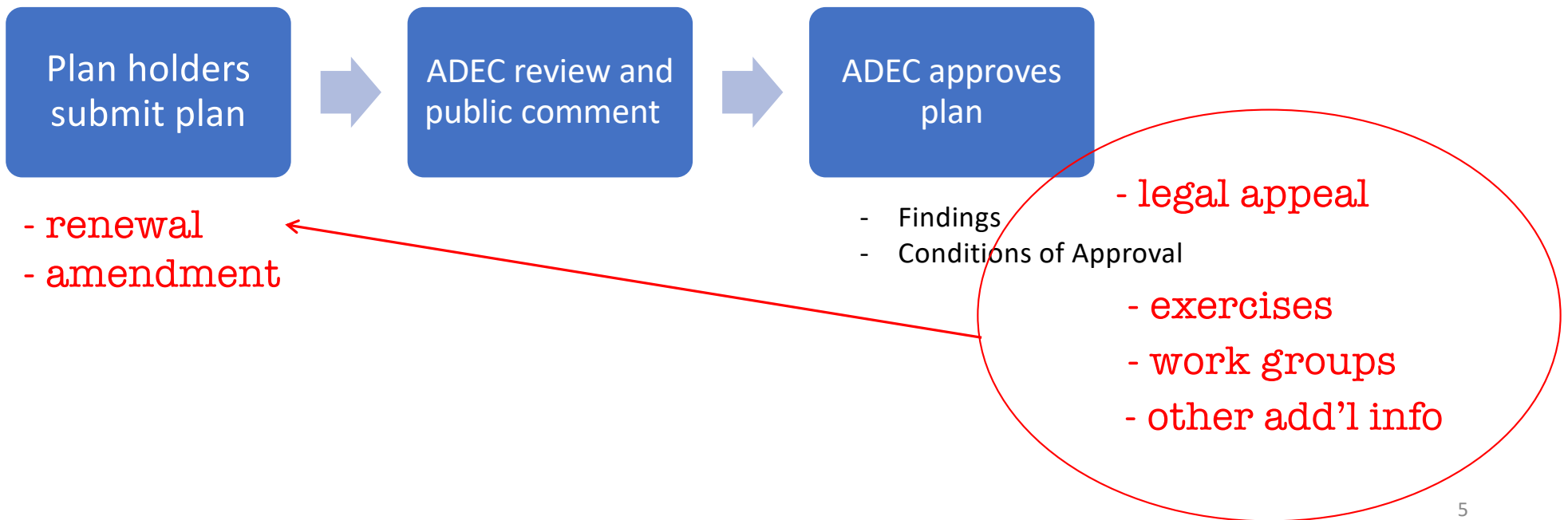
The 1987 Alyeska Oil Spill Contingency Plan identified a cache of equipment to support spill response, but when the Exxon Valdez spill occurred, the equipment needed to contain and recover the spill was buried under a massive snow pile.



Approach

1. Staff guidance at project kick-off
 - Timeframe (since current statute/regs took effect)
 - Focus on plan document
2. Compile, review, and summarize documents *Thank you!*
 - PWSRCAC document database and files, Nuka Research's files, court records
3. Presented approach to C-plan Project Team & OSPR Committees
 - Report > Resources
 - Reviewed events list
 - Added PWSRCAC comments
4. Developed package of deliverables

“Events”



PRINCE WILLIAM SOUND TANKER OIL SPILL PREVENTION & CONTINGENCY PLAN

Report to Prince William Sound Regional Citizens' Advisory Council
August 2021 **DRAFT**



Prepared for Prince William Sound Regional Citizens' Advisory Council
August 2021 **DRAFT**

Summary report

- Background and project approach/scope
- PWS Tanker Plan context
- Mechanisms for plan changes
- Key topics (categories)

Appendices:

- ADEC Findings
- Conditions of Approval

Topic	Abbreviation
Air Logistics	AL
Barges	B
Best Available Technology	BAT
Contracts/MOU/MOA	C
Escort Tugs	ET
Fishing Vessel Program	FV
Lightering	L
Nearshore	NS
Non-mechanical	NM
Oil Properties	OP
Personnel Numbers	PN
Response Equipment	RE
Realistic Maximum Response Operation Limitations	RMROL
Sensitive Area Protection and Geographic Response Strategies	SAP
Scenarios	S
Training	TR

Findings 1995-2020

Renewal Year	Finding #	Finding Description	Topics	Applicable Alaska Statutes and Regulations
1995	3	The open-water response system is BAT, but there is not sufficient information yet to determine that the nearshore response system is BAT. [See 1995 COA 3.]	BAT, RE	AS 46.04.030(e); 18 AAC 75.445(g)(2); 18 AAC 75.990(5)
1995	4	Overall the scenarios (three at the time) satisfy the requirement to describe deployment strategies for various response system elements, but more information is needed to assess air transportation during holiday periods as well as water transportation to Kodiak and Cordova. [See COA 4.]	RE, AL	AS 46.04030(k); 18 AAC 75.438; 18 AAC 75.424(e)(1)(F); 18 AAC 75.445(c); 18 AAC 75.438
1995	5	Tesoro Alaska Petroleum must submit response plan for Kodiak region.	S	AS 46.04.030(r); AS 46.04.030(c); AS 46.03.030(k)(3); AS 46.04.900(23); 18 AAC 75.495; AS 46.04.020(g)(1)&(2)
1995	6	Plans provide adequate equipment to support lightering oil from a tanker vessel.	L	18 AAC 75.425(e)(3)(F)
1995	7	The necessary contracts are in place between plan holders and the Primary Response Action Contractor. The equipment required to meet the in-region response planning standard must be listed in plan.	C	AS 46.04.035(h)(2); 18 AAC 75.500(a)&(b)
1995	8	Insufficient information to determine full adequacy of nearshore response, plan holders must complete several tasks. [See COA 3.]	NS	18 AAC 75.425(e)(1)(F), (vi), and (ix)
1995	9	Sufficient controls exist to prevent required response equipment from being removed from a spill response when spill leadership transitions from APSC to the Responsible Party [under AS 46.020(g)(2)].	RE	AS 46.04.030(r); AS 46.020(g)(2)

Conditions of Approval 1995-2020

Approval Year	Renewal or Amendment	COA #	COA Description	Topics	Applicable Alaska Statutes and Regulations	Related Events
1995	R	1	Notify ADEC of any change in contractual relationship with response contractor.	administrative	18 AAC 75.425(e)(3)(H); 18 AAC 75.445(i)	
1995	R	2	Submit vessel escort improvement proposals.	ET		1998 Tanker Escort Improvements
1995	R	3	Submit a report demonstrating effectiveness of the Near Shore Response Plan.	NS	18 AAC 75.425(e)(1)(F) (vi), (vii) and (ix); AS 46.04.030(e); 18 AAC 75.445(g)(2)	1996 Nearshore Response Plan
1995	R	4	Provide supplemental data to PWS air logistics study.	AL	AS 46.040.03(k)(3); 18 AAC 75.438(c)	1996 Supplemental Data for PWS Air Logistics Study and Water Cargo Transportation into Kodiak and Cordova
1995	R	5	Provide a final date for the completion of identification of sensitive areas in PWS, Kodiak, and Kenai Peninsula.	SAP	18 AAC 75.425 (e)(3)(J); 18 AAC 75.445 (d)(4)	1996 ESAs for Prince William Sound, Kodiak, and Kenai Peninsula areas
1995	R	6	Identify primary recreational use areas in PWS, put them in the plan, and create protection procedures for these areas.	SAP	18 AAC 75.425 (e)(3)(J)	1996 Recreational Areas in PWS

1976

- First APSC Oil Spill Contingency Plan completed; approved in 1977

1977

- First Alaska oil spill contingency planning requirements enacted
- Federal government approves APSC plan

1989

- PWSRCAC incorporated (contract with APSC signed in Feb 1990)
- Exxon Valdez Oil Spill
- ADEC Emergency Order requiring improved response plan

1990

- Oil Pollution Act passed
- Alaska law enacted with revised contingency planning requirements

1993

- Anvil Corporation Oil Spill Response Plan and Mass Balance Study

1994

- Eastern Lion oil spill
- ADEC plan review guidelines developed
- Disabled Tanker Towing Study #1

1995

- First approval under new regulations (AL, BAT, ET, NS, RE, SAP, S, TR, W)
- 1995 Plan Adjudication (BAT, ET, SAP)

1999

- Renewal (B, ET, FV, SAP, S, TR)
- Copper River Delta Oil Spill Trajectory Analysis and Agreement (1995 COA 8) (C, NM, SAP, S, TR, W)
- Gulf of Alaska Response Agreement

1998

- Adjudicatory Hearing re: 1995 Plan Approval on Phasing and Copper River (BAT, S)
- Tanker Escort Improvements (1995 COA 2) (BAT, ET, RE)

1997

- Enhanced Escort System Task Force See 1998 Tanker Escort Improvements
- Sea trials with Protector Class tugs See 1998 Tanker Escort Improvements
- BAT regulations revised (BAT)

1996

- Near Shore Response Plan (1995 COA 3) (B, FV, L, NS, RE, TR)
- ESA's for PWS, Kodiak, and Kenai Peninsula (1995 COA 5) (TR, W)
- Supplemental Data for PWS Air Logistics Study and Water Cargo Transportation into Kodiak and Cordova (1995 COA 4) (NM, RE, TR)
- Wildlife Training and Otter Hospital Compliance Schedule (FV, PN, TR, W)
- Recreational areas in PWS (1995 COA 6) (SAP, TR)

- PWS Risk Assessment

2000

- Disabled Tanker Towing Study #2 See 2001 Major amendment (ET, TR)
- Geographic Response Strategy (1999 COA 3) (C, SAP, TR)
- Major amendment (1999 COA 6) (FV, RE, TR)
- Minor amendment (1999 COA 5) (B, C, L, RE)
- Minor amendment (1999 COA 6) (FV, TR)
- Reporting of Tanker Casualty (1999 COA 9) (ET)
- Scenario Workgroup (1999 COA 4) (PN, RE, S)

2001

- Major amendment (1999 COA 8) (BAT, ET, S, TR)

2002

- Renewal (BAT, C, ET, NS, PN, S)

2003

- Statute extends length of plan approvals from 3 to 5 years

2004

- RMROL regulations amended (RMROL)
- Hinchinbrook Entrance tug arrest exercise (ET)

2005

- Five minor amendments (NM, RE)

2012

- Renewal (BAT, FV, L, NS, PN, RMROL, SAP, TR)
- Alaska North Slope Crude Properties Work Group (OP)

2011

- Nearshore exercise - full nearshore deployment (FV, NS, TR)
- Nearshore Response Workgroup (FV, NS, RE, TR)

2010

- Fishing Vessel workgroup (FV, PN, TR)
- Nearshore exercise - full nearshore deployment (FV, NS, TR)

2009

- Wildlife Task Force Exercise (W)
- Alaska North Slope Crude Properties Work Group (OP)
- Crucial Skimmer Test Work Group (RE)

2008

- PWS Steering Committee See 2007 Renewal
- Personnel workgroup (PN, TR)
- Dispersants Aerial Support Workgroup (AL, NS)
- Minor Amendment (BAT)

2007

- Renewal (AL, BAT, FV, NS, NM, PN, RE, RMROL, SAP, S, TR, W)

2006

- Two minor and one major amendment (FV, L, NS, RE, TR)

2016

- ADEC plan review guidelines revised

2017







- Renewal (B, BAT, FV, L, NS, NM, OP, PN, RE, RMROL, SAP, S, TR)

2018

- Major amendment (B, ET, PN, TR)
- Minor amendment (ET)

2020

- Major amendment (ET, RE)
- Minor amendment (AL, RE)

	=	Renewal or Amendment
	=	Work Group or Report
	=	Exercise
	=	Legal Action
	=	Regulatory Change
	=	Summary not included
AL	=	Air Logistics
B	=	Barges
BAT	=	BAT
C	=	Contracts/MOU/MOA
ET	=	Escort Tugs
FV	=	F/V Program
L	=	Lightering
NS	=	Nearshore
NM	=	Non-mechanical
OP	=	Oil Properties
PN	=	Personnel Numbers
RE	=	Response Equipment
RMROL	=	RMROL
SAP	=	SAP/GRS
S	=	Scenarios

Compendium

43 event summaries

- References to documents used as basis for summary
- References to PWSRCAC comments
- Linkages among events

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Compendium of Event Summaries (1995-2020)

Prepared for Prince William Sound Regional Citizens'
Advisory Council
August 2021 **DRAFT**

Thank you!

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