

IAP Cover Sheet

ORIGINAL

Incident Name: Response - GC2 Oil Transit Line Release	Operational Period to be covered by IAP: Period 7 IAP (3/7/2006 19:00 to 3/8/2006 19:00)
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Approved by:

FOSC: [Signature], EPA cc: Local IIC
For
State
NSB

SOSC: [Signature], DEC

LOSC / NSB: [Signature] NSB LOSC

RPIC: [Signature]

Incident Action Plan



Weather Report

Incident: Response - GC2 Oil Transit Line Release **Prepared By:** Section, Planning at 3/7/2006 12:30

Period: Period 6 Work Day (3/6/2006 19:00 - 3/7/2006 19:00) **Version Name:** 03/07/2006 1230

Present Conditions

Wind Speed:	7 mph	Wave Height:	
Wind Direction From The:	West	Wave Direction:	
Air Temperature:	-14 Fahrenheit	Swell Height:	
Barometric Pressure:	29.71	Swell Interval:	
Humidity:	78%	Current Speed:	
Visibility:	6 miles	Current Direction Toward:	
Ceiling:	Fog/mist	Water Temperature:	
Next High Tide (Time):		Next Low Tide (Time):	
Next High Tide (Height):		Next Low Tide (Height):	
Sunrise:	07:57	Sunset:	18:14

Notes: Today...Mostly cloudy. Chance of snow. Patchy fog. Highs 5 to 10 below zero. West winds to 10 mph. Wind Chill -30 Fahrenheit.

Tonight...Mostly cloudy with a chance of snow. Patchy fog. Lows 10 to 20 below zero. West winds to 15 mph.

24 Hour Forecast

Sunrise:	07:52	Sunset:	18:18
High Tide (Time):		High Tide (Time):	
High Tide (Height):		High Tide (Height):	
Low Tide (Time):		Low Tide (Time):	
Low Tide (Height):		Low Tide (Height):	

Forecast: Wednesday...Mostly cloudy with a chance of snow. Highs 5 below to 10 below zero. West winds 10 to 15 mph. Wednesday Night...Mostly cloudy with flurries. Patchy fog after midnight. Lows around 25 below. West winds 5 to 15 mph.

48 Hour Forecast

Sunrise:	07:47	Sunset:	18:22
High Tide (Time):		High Tide (Time):	
High Tide (Height):		High Tide (Height):	
Low Tide (Time):		Low Tide (Time):	
Low Tide (Height):		Low Tide (Height):	

Forecast: Thursday...Mostly cloudy. Flurries in the morning. Patchy fog in the morning. Highs around 20 below. West winds 5 to 10 mph.

Thursday Night...Mostly cloudy. Lows near 35 below.

Friday...Partly cloudy. Highs near 20 below.

Friday Night...Partly cloudy. Lows near 30 below.

Saturday...Partly cloudy. Highs near 15 below.

Saturday Night...Partly cloudy. Lows near 20 below.

Sunday...Mostly cloudy. Highs near 5 below.

Sunday Night...Mostly cloudy. Lows near 10 below.

Monday...Mostly cloudy. Highs near zero.

ICS 202 - General Response Objectives

Incident: Response - GC2 Oil Transit Line Release	Prepared By: Section, Planning	at 3/6/2006 17:30
Period: Period 6 Work Day (3/6/2006 19:00 - 3/7/2006 1:	Version Name: Approved Period 7	03/07/06 1100

Overall and Tactical Objectives

Assigned To

Status

No Injuries to Responders

Obtain source control

- Temporay source control has been obtained as of 3-7-06

Operations Section Ac

Complete

Monitor delineation of affected area

Maintain containment of Affected Areas

Continue cleanup and recovery operations

Identify Wildlife Concerns (Continue to Evaluate Potential Wildlife Concerns)

Control of Information - Document all activities - Release to appropriate agencies & organizations only

Continue to manage waste appropriately.

Approved By

: _____

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Source Control
Prepared By Signature:	Task Force:
Approved By Signature:	

Assignments

Prepping area and installation of the temporary patch.

Description of Work

Excavate and repair pipe as per approved plan.
Excavated gravel transported to Grind and Inject.

Location of Work

Caribou Crossing 1.

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Fluid Recovery
Prepared By Signature:	Task Force:
Approved By Signature:	

Operations Personnel

Title	Person	Radio	Phone	Pager
Day Spill Unit Leader	Henry, Walt	Ch-37		
Night Spill Unit Leader	Serra, Joe			
Night Operations Section Chief	Cusack, Louis RHOADS		907-529-5825	659-5100, 1354
Day Operations Section Deputy	Spitler, Jeff		(907) 659-8682	
Night Operations Section Deputy	Rhoads, Christopher "Chris" WALKER		253-905-6123	659-5100, 1115
Day On-Scene Commander	Milan, Arthur		(907) 659-5492	
Night On-Scene Commander	Harrington, Henry		(817) 975-9077	659-4236, 662
Day Safety Officer	Kissee, Mike			659-4236 x121
Night Safety Officer	Koenig, Al			
Day Recovery #1 Leader	Boe, Rick			
Night Recovery #1 Leader	Graham, Terry			
Day Recovery #2 Leader	Simon, Jeff			
Night Recovery #2 Leader	Tuttle, Troy			

Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
Fluid Recovery					
Alaska Clean Seas	Pumps	DOP 160 Auger Pump	1 each	each	Assigned
Enviromental - woa	Storage: Solid	Plastic tubs-	4 each		Assigned
VECO Alaska, Inc.	Vacuum Truck	300bbl	2 each	300 barrel	Assigned
VECO Alaska, Inc.	Vacuum Truck	Super Sucker / #360	1 each		Assigned

Incident Resources - Manpower

Supplier	Resource Type	Description	Quantity	Size	Status
Fluid Recovery					
Conam	Manpower: Operator	Bobcat operators Night	4 each	each	Assigned
Alaska Clean Seas	Manpower: Responder	Manpower: Mechanic	2 each		Assigned
Penco	Manpower: Responder	Recovery #1 Night personnel	1 each	each	Assigned
Trident Services, Inc.	Manpower: Responder	Recovery #1 Night personnel	1 each	each	Assigned
Penco	Manpower: Responder	Recovery #2 Night personnel	3 each	each	Assigned
Trident Services, Inc.	Manpower: Responder	Recovery #3 Night personnel	3 each	each	Assigned
Trident Services, Inc.	Manpower: Responder	Recovery #4 Night personnel	4 each	each	Assigned

Assignments

- Continue to recover spilled product with 2 vacuum trucks and positive displacement pump to enhance free oil recovery.
- If possible, additional vacuum trucks will be brought in to recover spilled product. Physical access is the limiting factor.

Special Instructions for Division / Group

Deploy snow fences to protect spill site.

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Fluid Recovery
Prepared By Signature:	Task Force:
Approved By Signature:	

Tactical Objective

Tactics: R-6

Description of Work

1. Continue to recover spilled product with vacuum trucks. If needed, additional vacuum trucks will be brought in. Physical access is the limiting factor.
2. Maintain the ability to deploy containment (tactic C-1), if product movement is detected beyond the delineated area.
3. Evaluate the use of smaller vac trucks on the north side simultaneously with the vac trucks on the south side.

Location of Work

Pipeline site and impacted area

Special Site-Specific Safety Considerations

Personnel must be briefed on the associated potential hazards and/or trained on the use of the equipment if necessary. Close supervision will be required to ensure that this operation is conducted safely. Safety will monitor this activity closely as the addition of heat may result in the breakout of benzene and flammable vapors. If this occurs, control methods will be implemented.

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Snow Recovery and Melting
Prepared By Signature:	Task Force:
Approved By Signature:	

Operations Personnel

Title	Person	Radio	Phone	Pager
Day Spill Unit Leader	Henry, Walt	37		
Night Spill Unit Leader	Serra, Joe			
Day Operations Section Chief	Spitler, Jeff <i>MCCAA</i>		(907) 659-8682	
Night Operations Section Chief	Cusack, Louis <i>PHOLOS</i>		(907) 529-5825	659-5100, 1354
Day Operations Section Deputy	Bixby, Jerry		(253) 905-6123	
Day On-Scene Commander	Milan, Arthur		(907) 659-5492	
Night On-Scene Commander	Harrington, Henry		(817) 975-9077	659-4236, 662
Day Safety Officer	Kilfoyle, Jeff			
Night Safety Officer	Adams, Mike			
Day Snowmelt Team #1 Leader	TBD			
Night Snowmelt Team #1 Leader	TBD			

Assignments

Recovery of contaminated snow and transport to CC-2A.

Special Instructions for Division / Group

Snow to be stockpiled for future melting operations.

Tactical Objective

Tactic : R1 & R3

Description of Work

Push snow under pipeline using bobcats.
Pick snow up with loaders and load onto dump trucks for transport to CC-2A

Location of Work

North side of spill area. and CC-2A

Special Site-Specific Safety Considerations

Ensure proper clearance under gas pipeline when using bobcats.
Ensure fiber optic cable is out of harms way.

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Decon
Prepared By Signature:	Task Force:
Approved By Signature:	

Operations Personnel

Title	Person	Radio	Phone	Pager
Day Spill Unit Leader	Lasky, Matt			
Night Spill Unit Leader	Serra, Joe			
Day Operations Section Chief	Bixby, Jerry			
Night Operations Section Chief	Gusack, Louis		907-529-5825	659-5100, 1354
Day Operations Section Deputy	Spitler, Jeff		(907) 659-8682	
Night Operations Section Deputy	Rhoads, Christopher "Chris"		253-905-6123	659-5100, 1115
Day Safety Officer	Kissee, Mike			659-4236 x121
Night Safety Officer	Koenig, Al			
Day On-Scene Commander	Milan, Arthur		(907) 659-5492	
Night On-Scene Commander	Harrington, Henry		(817) 975-9077	659-4236, 662
Day Decon Group Leader	Doctor, Reme	Ch - 37		
Night Decon Group Leader	Schuss, Larry			

Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Decon</i>					
BP EOA SRT	Storage: Solid	Tote to store sarane	3 each		Assigned
BP Alaska	Trailer	Decon Unit	1 each		Assigned
To be determined	Trailer	Decon Unit	1 each		Assigned
Alaska Clean Seas	Trailer	Decon Unit-SA4	1 each		Assigned

Incident Resources - Manpower

Supplier	Resource Type	Description	Quantity	Size	Status
<i>Decon</i>					
Penco	Manpower: Responder	Decon Night person	2 each	each	Assigned
Trident Services, Inc.	Manpower: Responder	Decon Night person	2 each	each	Assigned

Assignments

Equipment and Personnel Decontamination

Special Instructions for Division / Group

Ensure all personnel enter and exit through a decon station at each site.
 Ensure proper tracking of personnel through decon areas.
 Evaluate the need of 2 decon sites; north and south of spill area.

Tactical Objective

Tactic S-6

Description of Work

Decontaminate personnel and equipment as necessary.

Location of Work

Edge of the hot zone at the pipeline site

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Safety
Prepared By Signature:	Task Force:
Approved By Signature:	

Operations Personnel

Title	Person	Radio	Phone	Pager
Day Spill Unit Leader	Lasky, Matt			
Night Spill Unit Leader	Serra, Joe			
Day Safety Officer	Kissee, Mike			659-4236 x121
Night Safety Officer	Koenig, Al			
Day Operations Section Chief	Bixby, Jerry			
Night Operations Section Chief	Gusack, Louis		907-529-5825	659-5100, 1354
Day Operations Section Deputy	Spitter, Jeff		(907) 659-8682	
Night Operations Section Deputy	Rhoads, Christopher "Chris"		253-905-6123	659-5100, 1115
On-Scene Commander	Milan, Arthur		(907) 659-5492	

Assignments

Monitor site and personnel safety.

Special Instructions for Division / Group

Pay particular attention to out-of-area personnel regarding cold weather safety. Perform continuous monitoring for potential health hazards.

Tactical Objective

Tactics S-1, S-2, S-3, S-4, S-5

Description of Work

1. Continue air monitoring for hazardous fumes (heath & explosive).
2. Ensure appropriate level of PPE for the environmental conditions (protection from weather, product exposure - respiratory & contact).
3. Watch for slip, trips and falls on uneven work surfaces.
4. Review & update as necessary site health & safety plan.

Location of Work

At all incident areas.

Special Site-Specific Safety Considerations

PPE appropriate with associated level of risk & exposure.

Monitor gravel embankment @ excavation site after tent is erected & heat introduced. (Sluffing/engulfment concern)

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Staging
Prepared By Signature:	Task Force:
Approved By Signature:	

Operations Personnel

Title	Person	Radio	Phone	Pager
Day Spill Unit Leader	Lasky, Matt			
Night Spill Unit Leader	Serra, Joe			
Day Operations Section Chief	Bixby, Jerry			
Night Operations Section Chief	Cusack, Louis <i>Rhoads</i>		907-529-5825	659-5100, 1354
Day Operations Section Deputy	Spittler, Jeff		(907) 659-8682	
Night Operations Section Deputy	Rhoads, Christopher "Chris"		253-905-6123	659-5100, 1115
On-Scene Commander	Milan, Arthur		(907) 659-5492	
Day Staging Area Manager	Hurlbut, Bob			
Night Staging Area Manager	Cogdill, Chelsea		(907) 351-6224	
Day Staging Area Manager	Hurlbut, Bob			
Night Staging Area Manager	Cogdill, Chelsea		(907) 351-6224	
Day Staging Area Assistant	Sandvik, Del			

Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
Staging					
Conam	Equipment: Heavy	Front End Loader	2 each		Assigned
Heavy Equipment	Equipment: Heavy	front end Loader	2 each	each	Assigned
VECO Alaska, Inc.	Equipment: Heavy	Front End Loader	2 each	each	Assigned
Heavy Equipment	Equipment: Heavy	Front end loader- low	1 each		Assigned
BP Heavy Equip	Equipment: Heavy	Loader	1 each		Assigned
Alaska Clean Seas	Equipment: Heavy	loader 690	1 each		Enroute/Sourced
Heavy Equipment	Equipment: Heavy	loader 950	1 each		Enroute/Sourced
BP Alaska	Equipment: Heavy	loader and operator	1 each		Assigned
Fleet Environmental Service:	Generator	Generator for Smoke	1 each		Assigned
Fleet Environmental Service:	Generator	Generator for Smoke	1 each		Assigned
Alaska Clean Seas	Pumps	3' Lamor pump	1 each	each	Enroute/Sourced
Stores Stock	Sorbent: Pads	ABSORB CID 2400	50 each		Assigned

Staging Area 1- Santa Fe Pad

BPX/SRT	Air Compressor	Air Compressor	1 each		At Staging
AirPORT RENTAL	Equipment: Heavy	Bobcat	1 each		Assigned
Alaska Clean Seas	Equipment: Heavy	Hot water truck - Ass	1 each		Enroute/Sourced
Alaska Clean Seas	Generator	diesel generators	1 each	10 kw	Assigned
Alaska Clean Seas	Generator	diesel generators	2 each		Assigned
BPX/SRT	Generator	Generator	1 each	100 kw	At Staging
BPX/SRT	Generator	Generator - GNEG-0	2 each	2 kw	At Staging
Alaska Clean Seas	Lighting	Flood lights FL-0016	2 each		At Staging
VECO Alaska, Inc.	Portable Toilets	Envirovac	1 each	each	Assigned
BPX/VMS	Pumps	Diaphram Pump - PC	1 each		At Staging
BPX/VMS	Pumps	Diaphram Pump - PC	1 each		At Staging

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Staging
Prepared By Signature:	Task Force:
Approved By Signature:	

Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
Staging Area 1- Santa Fe Pad					
Alaska Clean Seas	Pumps	Diaphragm Pump Kit	1 each		At Staging
BPX	Pumps	Sykes Pump	1 each		At Staging
Alaska Clean Seas	Storage: Liquid	Portable Tank - TKF	1 each		At Staging
Alaska Clean Seas	Storage: Liquid	Portable Tank - TKF	1 each		At Staging
Alaska Clean Seas	Storage: Liquid	Portable Tank - TKF	1 each		At Staging
Alaska Clean Seas	Storage: Liquid	Portable Tank - TKF	1 each		At Staging
BPX/SRT	Trailer	Bob Cat Trailer - Trl	1 each		At Staging
SRT	Trailer	Command Trailer/Fo	1 each		Assigned
ConocoPhillips	Trailer	King Trailer - ASV/Tr	1 each		At Staging
Alaska Clean Seas	Trailer	Snowmachine Traile	1 each		Assigned
BP Alaska	Trailer	warm up shack	1 each		Assigned
VECO Alaska, Inc.	Vacuum Truck	Vac trucks	2 each	300 barrel	At Staging
BPX/VMS	Vehicle	Bob Cat Truck	1 each		At Staging
BP Alaska	Vehicle	MCC	1 each		Assigned
Staging Area 2- Q-Pad					
Alaska Clean Seas	Equipment: Heavy	Back hoe (John Deere)	1 each		Assigned
To be determined	Lighting	Light Plant	1 each		Assigned
Staging Area 3- GC-2 Road Side					
Heavy Equipment	Crane	Crane 65ton	1 each		Assigned
BP Alaska	Equipment: Heavy	330 Backhoe	1 each		Assigned
Eagle Construction & Environ	Equipment: Heavy	Dovetail bed dump tr	6 each		At Staging
Central dispatch -VECO	Equipment: Heavy	Hot Water Truck #85	1 each		At Staging
Tool Room	Equipment: Heavy	Plate Clamp	1 each		Enroute/Sourced
BP Heavy Equip	Equipment: Heavy	Stinger	1 each		Enroute/Sourced
BP Alaska	Equipment: Heavy	water truck and oper	1 each		Assigned
BP Alaska	Fire Fighting Equipmen	30# fire extinguisher	3 each		Assigned
BP Alaska	Fire Fighting Equipmen	Fire Extinguisher	1 each		Assigned
BP Alaska	Fire Fighting Equipmen	mobile fire extinguish	1 each		Assigned
Alaska Clean Seas	Generator	15 kw generators	2 each		Assigned
Alaska Clean Seas	Generator	5 kw Generator: tag	2 each		Assigned
Alaska Clean Seas	Generator	diesel Generators	1 each	60 kw	Assigned
Alaska Clean Seas	Generator	diesel Generators	3 each		Assigned
Tool Room	Generator	Generator 4-6 KW	4 each		Assigned
Tool Room	Lighting	Work Lights	4 each		Assigned
BP Alaska	Portable Toilets	Empty portable toilet	1 each		Assigned
Conam	Portable Toilets	Envirovac	1 each	each	Assigned
On HOLD	Portable Toilets	TBD / ON HOLD	1 each		Assigned
C Pad Whse	Sorbent	absorb grey / MR 88	2 each		Assigned

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Staging
Prepared By Signature:	Task Force:
Approved By Signature:	

Incident Resources - Equipment

Supplier	Resource Type	Description	Quantity	Size	Status
Staging Area 3- GC-2 Road Side					
C Pad Whse	Sorbent	absorb grey / MR 88	3 each		Assigned
C-Pad Whse	Sorbent	absorb grey / MR 88	3 each		Assigned
Alaska Clean Seas	Storage: Liquid	100 gal Tank on Kub	1 each	100 gallon	Assigned
VMS	Storage: Liquid	fuel tank (200-250 gal)	1 each		Assigned
VECO Alaska, Inc.	Vacuum Truck	300 bbl Vacuum Truck	2 each	300 barrel	At Staging
Central dispatch -VECO	Vacuum Truck	Super Sucker / #360	1 each		Assigned
Peak Oilfield Services	Vacuum Truck	VAC TRUCK	1 each	300 barrel	Assigned
BP Alaska	Vacuum Truck	Vacuum Truck	1 each		Assigned
VECO Alaska, Inc.	Vacuum Truck	vacuum truck	1 each		Assigned
VMS	Vehicle	PICK-UP TRUCK	1 each		Assigned

Staging Area 4- Ice Pad off Q-Pad

AirPORT RENTAL	Equipment: Heavy	ASV Skid Steer Load	4 each		Assigned
ConocoPhillips Alaska	Equipment: Heavy	Bobcat	1 each		Assigned
VECO Alaska, Inc.	Equipment: Heavy	Bobcat w/ wheels	1 each		Assigned
Alaska Clean Seas	Equipment: Heavy	T190 Bobcat	1 each		Assigned
Heavy Equipment	Equipment: Heavy	Truck Maxi haul	1 each		Enroute/Sourced
Heavy Equipment	Equipment: Heavy	Truck Maxi haul	1 each		Enroute/Sourced
To be determined	Lighting	Light Plant	1 each		Assigned
VECO Alaska, Inc.	Lighting	Light Plants	1 each	each	Assigned
VECO Alaska, Inc.	Lighting	Light Plants	5 each	each	Assigned
Alaska Clean Seas	Portable Toilets	Enviro Vac	1 each		Assigned
Alaska Clean Seas	Portable Toilets	envirovac	1 each		Enroute/Sourced
Alaska Clean Seas	Storage: Liquid	fuel tank (500 gal die	1 each	500 gallon	Assigned
BP Alaska	Trailer	Mechanic	1 each		Assigned
Fairweather, Inc.	Trailer	Smoke Shack	1 each		Assigned
SRT	Trailer	Staging Trailer/Form	1 each		Assigned
Alaska Clean Seas	Trailer	TRLV-2004	1 each		Assigned
Alaska Clean Seas	Trailer	Warmup Shack W/gen	1 each		Assigned
BP Alaska	Vehicle: Rescue	Ambulance	1 each		Assigned

Incident Resources - Manpower

Supplier	Resource Type	Description	Quantity	Size	Status
Staging					
Communications	Manpower: Operator	Hook up communica	1 each		Assigned
Staging Area 1- Santa Fe Pad					
BP Alaska	Manpower: Responder	Mutal Aide	12 each	each	Assigned
Materials Group C-Pad	Manpower: Responder	Night Expediter	1 each		Assigned
BP Alaska	Manpower: Supervisor	Supervisor	1 each		Enroute/Sourced

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Field Command
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group: Staging
Prepared By Signature:	Task Force:
Approved By Signature:	

Incident Resources - Manpower

Supplier	Resource Type	Description	Quantity	Size	Status
Staging Area 2- Q-Pad					
Security	Manpower: Responder	Security to man Q-apc	1 each		Assigned
Staging Area 3- GC-2 Road Side					
VECO Alaska, Inc.	Manpower: Operator	ELECTRICIAN	1 each		Assigned
BP Alaska	Manpower: Operator	Equip Operator	1 each		Assigned
Heavy Equipment	Manpower: Operator	Equipment Operator	2 each	each	Assigned
VECO Alaska, Inc.	Manpower: Operator	Insulation Crew	4 each	each	Demobilized
BP Heavy Equip	Manpower: Operator	Operator	1 each		Enroute/Sourced
VECO Alaska, Inc.	Manpower: Operator	Scaffolders	4 each		Assigned
Bell & Assoc	Manpower: Operator	Surveyors	4 each		Assigned
Purcel Security	Manpower: Responder	Day Security Guard	1 each		Enroute/Sourced
Acuren	Manpower: Responder	Delineation #1 Night	1 each	each	At Staging
Penco	Manpower: Responder	Delineation #1 Night	2 each	each	At Staging
AES	Manpower: Responder	Delineation #2 Night	1 each	each	At Staging
Trident Services, Inc.	Manpower: Responder	Delineation #2 Night	3 each	each	At Staging
Purcel Security	Manpower: Responder	exit checkpoint	1 each		Assigned
AES	Manpower: Responder	Field Aide Night	1 each	each	Assigned
Jim Jones, Fire Dept	Manpower: Responder	Fire Dept at spill site	1 each		Assigned
VECO Alaska, Inc.	Manpower: Responder	Laborers	2 each		Assigned
BP Alaska	Manpower: Responder	Medic	1 each	each	Assigned
Purcel Security	Manpower: Responder	Night Security Guard	1 each		Enroute/Sourced
VECO Alaska, Inc.	Manpower: Responder	personell for IAP dat	1 each	1900	Assigned
APC	Manpower: Responder	Staging personell	1 each		Assigned
North Star TL Ken Wood	Manpower: Responder	Tina/Dave night crew	2 each		Assigned

Staging Area 4- Ice Pad off Q-Pad

Communications	Manpower: Operator	microwave system al	1 each	each	Assigned
Heavy Equipment	Manpower: Operator	Operator Dump Truc	1 each		Enroute/Sourced
Heavy Equipment	Manpower: Operator	Operator Dump Truc	1 each		Enroute/Sourced
Heavy Equipment	Manpower: Operator	Operator Maxi Haul	1 each		Enroute/Sourced
Materials Group C-Pad	Manpower: Responder	Staging Area Manag	2 each		Assigned

Assignments

Maintain existing staging areas for supporting field operations.

Description of Work

Receive and check-in equipment and personnel

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release

Branch: Field Command

Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)

Division/Group: Staging

Prepared By Signature:

Task Force:

Approved By Signature:

Location of Work

SA1 - Santa Fe Pad (On-Scene Command)

SA3 - GC2 Roadside

SA4 - Ice Pad off of Q-pad

SA1 - Q pad

ICS 204 - Assignment List

Incident: Response - GC2 Oil Transit Line Release	Branch: Ice Pad & Ice Roads
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Division/Group:
Prepared By Signature:	Task Force:
Approved By Signature:	

Assignments

Increase site access by building ice roads and transition pads.

Special Instructions for Division / Group

See site map with ice layout.

Tactical Objective

Tactic L-1

Description of Work

Increase site access by building ice roads and transition pads.

ICS 205 - Communications Plan

Incident: Response - GC2 Oil Transit Line Release	Prepared By: Section, Planning	at 3/6/2006 17:30
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Version Name: p3 03/03/06 10:45	

Phone Listing

Name	Main Phone	Fax	Other Number - Desc.	Other Number - Desc.	Radio?
EmOC	659-8479	659-5259	659-8393 - Fax-Transn	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Staging Area 4	659-4502	659-4235	659-4251 - Pager	659-4279 -	<input type="radio"/> Yes <input checked="" type="radio"/> No
MCC Command	659-4878	659-4879	659-4877 - Fax-Transn	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Incident Command Post	659-8046	659-8393	- Pager	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Site Safety Officer	659-8161	659-4879	- Pager	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Air Ops Branch Director	659-5425		- Pager	-	<input type="radio"/> Yes <input checked="" type="radio"/> No
Staging Area Manager	659-4379	659-4378	659-8578 - Pager	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
Medical	659-5348		659-8578 - Pager	-	<input checked="" type="radio"/> Yes <input type="radio"/> No
ANC Crisis Center Demarcco, Shannon	907-564-5245		907-564-5243 - Voice	-	<input type="radio"/> Yes <input checked="" type="radio"/> No

Radio Utilization

System	Channel	Function	Frequency	Assignment	Notes
OS	37	Operations/Safety	Tx- 158.445 Rx- 159.480	EmOC	Repeater @ WOA / GC2 Radio Call Sign is "EmOC"
NS VHF Oilspill	37	Operations/Safety	Tx- 158.445 Rx- 159.480	On-Scene Commander	Repeater @ WOA / GC2

ICS 205 - Communications Plan

Incident: Response - GC2 Oil Transit Line Release	Prepared By: Section, Planning at 3/6/2006 17:30
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Version Name: p3 03/03/06 10:45

Radio Utilization

System	Channel	Function	Frequency	Assignment	Notes
NS VHF Oilspill	37	Operations/Safety	Tx- 158.445 Rx- 159.480	Incident Command Post	Repeater @ WOA / GC2 Radio Call Sign is "ICP" Other phone numbers: Fax: 659-4877 On Scene Comdr: 659-4878 Enviro: 659-4879 DOC: 659-4880 MCC Crew Chief: 659-4881 MCC Crew Chief: 659-4882
NS VHF Oilspill	37	Operations/Safety	Tx- 158.445 Rx- 159.480	Fire Chief	Repeater @ WOA / GC2
NS VHF Oilspill	37	Operations/Safety	Tx- 158.445 Rx- 159.480	Site Safety Officer	Repeater @ WOA / GC2
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Branch Director Tactical/Source Control	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Division/Group Supervisor	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Wildlife Hazing/Recovery Group	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Task Force A Leader	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Task Force B Leader	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Task Force C Leader	
NS VHF Oilspill	29	Tactical Command	Tx- 173.225 Rx- 173.225	Task Force D Leader	

ICS 205 - Communications Plan

Incident: Response - GC2 Oil Transit Line Release **Prepared By:** Section, Planning **at** 3/6/2006 17:30

Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00) **Version Name:** p3 03/03/06 10:45

Radio Utilization

System	Channel	Function	Frequency	Assignment	Notes
NS VHF Oilspill	30	Staging/Medical	Tx- 173.275 Rx- 173.275	Staging Area Manager	Voice: 659-5142 Fax: 659-5024
NS VHF Oilspill	30	Staging/Medical	Tx- 173.275 Rx- 173.275	Staging Area Dispatch	Call Sign is "Staging Dispatch"
NS VHF Oilspill	30	Staging/Medical	Tx- 173.275 Rx- 173.275	Medical	Voice: 659-5348 Fax: 659-8578
NAT UHF Oilspill G/A		Tactical Command	Tx- 459.000 Rx- 454.000 G/A- 122.85	Heliport Manager	

ICS 206 - Medical Plan

Incident: Response - GC2 Oil Transit Line Release **Prepared By:** Section, Planning at 3/7/2006 14:00

Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00) **Version Name:** North Slope Responses 3/7/06 - 1400

Medical Aid Stations

Name	Location	Paramedics (On-Site)	Phone	Radio
BOC	WOA	No	659-4315	
PBOC	EOA	No	659-5239	

Transportation (Ground and/or Ambulances Services)

Name	Location	Paramedics	Phone	Radio
LifeFlight Air Ambulance	Anchorage, AK		(800) 478-9111	
Air Logistics - Anchorage	Anchorage, AK		(907) 248-3335/452	
Shared Services Medi-Evac Line	Anchorage, AK		(907) 263-3562	

Hospitals

Name	Location	Helipad	Burn Center	Phone	Radio
Alaska Regional Hospital	Anchorage, AK	Yes	No	(907) 276-1130/175	
Providence Alaska Medical Center	Anchorage, AK	Yes	Yes	(907) 562-2211	
Fairbanks Memorial Hospital	Fairbanks, AK			(907) 452-8181	
North Slope Borough Medical	Barrow, AK			(907) 852-2822	

Special Medical Emergency Procedures

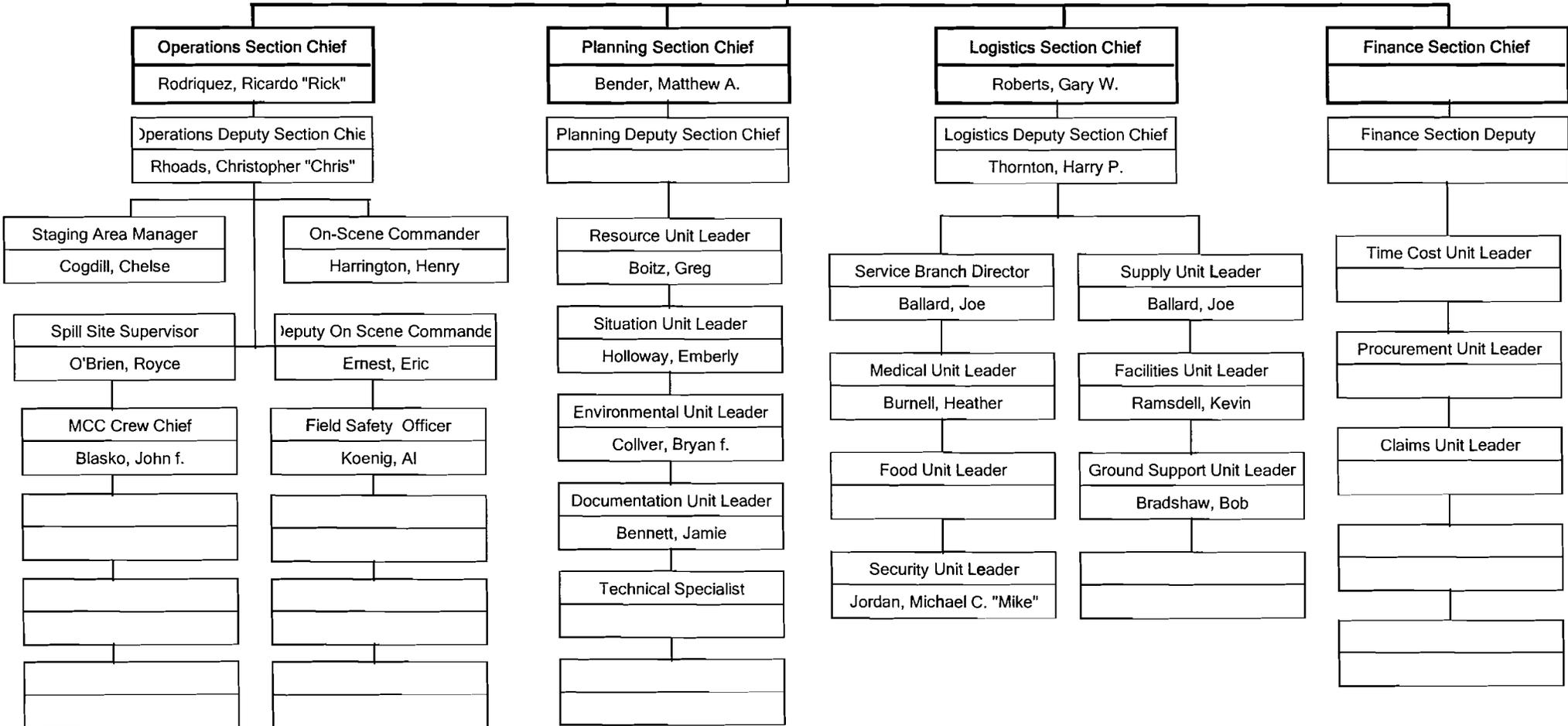
In the event of an emergency call 911. Ambulance call signs - Medic 1, Medic 2 at BOC, Medic 3, Medic 4 at PBOC. Notify supervisor immediately in the event of an injury.
 The ambulance has been released. One EMT (advanced) will be located at the cleanup site 24 hours per day at this time. Contact at MCC will be Heather Burnell. pager is 5100 X 2292. If after hours emergency clinic phones roll over to security and they will page medical staff.

ICS 207 - Organization Chart

Incident: Response - GC2 Oil Transit Line Release	Prepared By: Section, Planning	at 3/7/2006 14:00
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Version Name: Period 7 Night Shift (3/7/06 1900- 3/8/06 0700)	

Federal On Scene Coordinator <i>MATT CARR</i>	Incident Commander Selman, Kenneth R.	State On Scene Coordinator DeRuyter, Tom
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Local On Scene Coordinator <i>WASKA W.</i>	Deputy Incident Commander Luedtke, Don E.		
Administrative Assistant Pinnow, Melba T.	Safety Officer Pokryfki, Vince		



ICS 223 - Health and Safety Message

Incident: Response - GC2 Oil Transit Line Release	Prepared By: Section, Command at 3/7/2006 14:00
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Version Name: 3/7/06 1400

Major Hazards and Risks

Hazard recognition must be an ongoing process throughout this operation. Be aware of your surroundings at all times.

Be sure to abide by the buddy system and keep a very close eye on each other. ASH Cold Weather Protection Guidelines will be adhered to for all workers on site.

Atmospheric hazard readings have consistently measured zero for LEL & Benzene, and ongoing readings will be taken periodically depending on location and activity. Proper PPE has been issued to all clean up personnel to prevent direct skin contact with the product. Current atmospheric readings have been below action levels at all site locations. Crews have been instructed to be current on individual fit testing in the event they need to wear a respirator. Safety personnel will evaluate and make the determination on PPE.

Be aware of snow caves and associated hazards. Once again, be aware of your immediate surroundings and footing at all times. Along with the usual hazards associated with walking/working surfaces, the under-current of the product may have washed away the solid surface below your feet hidden by the snow.

Some workers brought up to assist with the recovery effort may be new to our environment and culture. Ensure these personnel are properly supervised and do not display at-risk behaviours.

Narrative

ICS 224 - Environmental Unit Summary

Incident: Response - GC2 Oil Transit Line Release **Prepared By:** Section, Planning at 3/7/2006 09:30
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00) **Version Name:** 3/7/06 9:30

Area Environmental Data

No Wildlife or Archeological sensitive areas in spill zone.

Priorities for Mitigating Environment and Cultural Impacts

Continue monitoring site for wildlife sightings.
Wetlands specialist will be mobilized to the North Slope to provide assessment on tundra treatment parameters.

Wildlife Assessments and Rehabilitation

Un-named lake North of spill site was cored outside the spill area and found to be solid ice to the bottom.
Bill Morris, ADF&G, indicated in a phone call on 3/5/06 that the Department of Fish & Game had no fish concerns with the lake north of the spill site.
A wildlife interaction plan for near term and medium term (through breakup and spring migration) is under development.

Permits (Dispersants, Burning, and/or Other

Tundra travel permit approved. Ice road and ice pad construction approved under Tundra Travel Permit. Gravel placement on Caribou Crossing #2 has been approved by Unified Command. Snow melter plan has been approved by Unified Command.

Waste Management

Updated Waste Management Recycle and Disposal Plans submitted and approved by Unified Command.
Caribou Crossing Gravel Sampling Plan has been developed and approved by IC.
Addendum to plan was completed to address wastes and spill prevention for UT pipe scan but no longer necessary (JDP 3-7-06 1400).

Other Environmental Concerns

Spill Volume Estimation: We collected approximately 800 shots in 400 locations on a grid of 5' - 7', working from the north boundary approximately 60' to 70' to the south. This is in the realm of 20% - 25% complete after 6 hours of productive field work. See photo (3-7-06 Volume Estimation Site Survey Progress). Site survey may continue through 3-8-06 if not completed on 3-7-06

Developing a Tundra Treatment Plan to articulate clean-up steps, sampling, and monitoring when response moves to the project phase.

Developing a short, mid, and long term staffing plan.

Logistical Support Needs

BST HSE Advisor assisting Environmental Unit Leader with resourcing staffing plan for next two weeks.

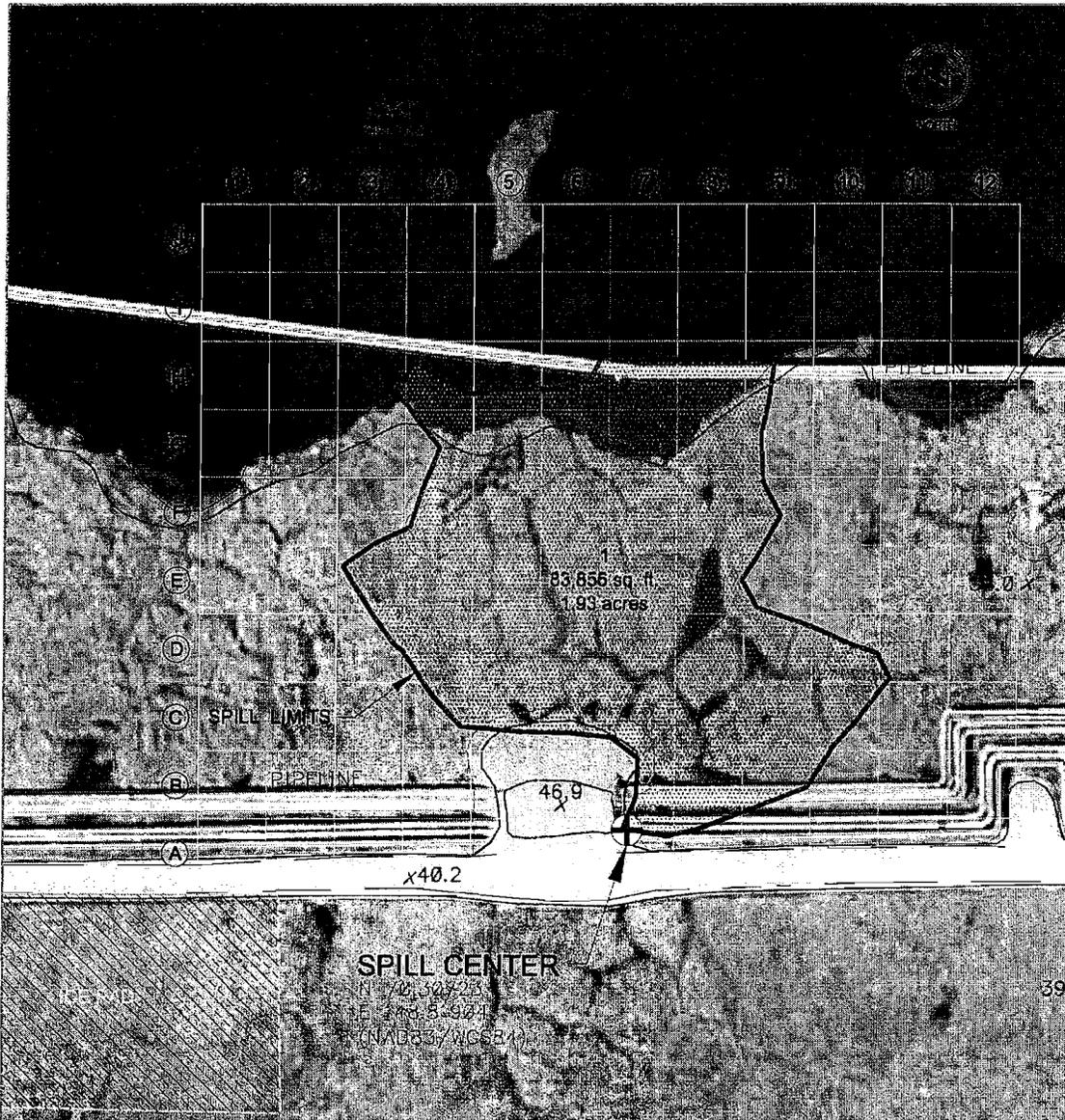
Incident: Response - GC2 Oil Transit Line Release

Prepared By: Section, Planning at 3/7/2006 11:57

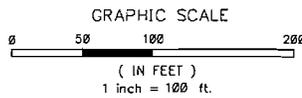
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)

Version Name: 3-7-06 Volume Estimation Site Survey Progr

3-7-06 Volume Estimation Site Survey Progress



GRID SPACING = 50'



			DRAWN: JMF CHECKED: RFA DATE: 3/3/06		SHEET: 1 of 1
			DRAWING: FRBBS MISC 04-00 JOB NO: SCALE: 1"=100'		
3/3/06 ISSUED FOR INFORMATION NO. DATE REVISION	JMF RFA BY CHK				

ICS 230 - Daily Meeting Schedule

Incident: Response - GC2 Oil Transit Line Release	Prepared By: Section, Planning	at 3/6/2006 14:00
Period: Period 7 IAP (3/7/2006 19:00 - 3/8/2006 19:00)	Version Name: Period 7 draft	

Meeting Name & Date/Time	Purpose	Attendees	Location
ASSESSMENT MEETING 3/7/2006 23:00	Review ongoing activities and review action item status.	IC/UC Staff Available, Planning Section Chief, Operations Section Chief, Logistics Section Chief and Resource Unit Leader.	EMOC
ASSESSMENT MEETING 3/8/2006 03:00	Assessment meeting followed by communicate all information pertinent to the incident	Determined by IC. Generally IC/UC, Command Staff, General Staff, Safety Officer, Environmental Unit Leader, and others as required.	EMOC
ASSESSMENT MEETING 3/8/2006 05:00	To facilitate the establishment and maintenance of command and control over incident response operations. Adjust tactical as needed.	Section Chiefs	EMOC
SHIFT BRIEFING MEETING 3/8/2006 07:00	Review current status of ongoing response activities.	IC/UC, and all other Staff	EMOC
Assessment and UNIFIED COMMAND OBJECTIVES MEETING 3/8/2006 11:00	Set, reaffirm and obtain (Unified) Command approval of objectives for the next operational period.	UC members; Command and General Staff, as appropriate.	EMOC
TACTICAL OPERATIONS MEETING 3/8/2006 13:00	Obtain (Unified) Command approval of field assignments for the next operational period.	Planning Section Chief, Operations Section Chief, Logistics Section Chief Resource Unit Leader, and UC representatives.	EMOC
Assessment and PLANNING MEETING 3/8/2006 16:00	Communicate all information pertinent to the incident response. Identify and solve problems and finalize course of action for field operations for the next operational period.	Determined by IC/UC. Generally IC/UC, Command Staff, General Staff, Safety Officer, Environmental Unit Leader, and others as required.	EMOC
SHIFT BRIEFING MEETING 3/8/2006 19:00	Review current status of ongoing response activities and review the Incident Action Plan for the next operational period.		EMOC

GC2 Oil Transit Line Incident

Site Safety and Health Plan

Emergency Response & Post-Emergency Response Operations

**Prepared by:
BP HSE**

Revised March 7, 2006

Site Safety and Health Plan

Emergency Response & Post-Emergency Response Operations

General

The Alaska Department of Labor (ADOL) has established the Hazardous Waste Operations and Emergency Response rule to protect the safety and health of workers involved in emergency response to hazardous substance releases. It also includes requirements for worker protection during post-emergency clean-up operations, if it is necessary to remove hazardous substances and materials contaminated with them (e.g., soil/snow contaminated with oil).

This is an emergency plan and post-emergency clean-up plan to comply with these ADOL requirements. Attached to this plan are the ERT/SRT/HAZMAT team operation procedures describing the roles, procedures, and communications of the emergency response teams.

This document is intended for both contractors and BPXA personnel performing the post-emergency clean-up operations, or for off-site post-emergency clean-up operations (e.g., a transportation release) involving BPXA or contractor employees. The document will be made available to any contractor or subcontractor, to employees and their designated representatives, and to OSHA or other regulatory personnel with jurisdiction at the post-emergency clean-up operation.

Contractors are responsible for conducting the clean-up operation in accord with the Site Safety and Health Plan; training of their employees; informing any subcontractors of the provisions and requirements of the Site Safety and Health Plan; and for compliance with all appropriate laws and regulations. Workers are responsible for following the work practices and procedures established in the Site Safety and Health Plan.

Emergency & Post-Emergency Response Operations

Response Name: GC2 Oil Transit Line Date: 3-2-2006

A. Site Characterization and Analysis

The area in question is approximately 1.9 acres in size. Volume of product to be recovered has yet to be determined. Site characterization and analysis is an ongoing process. The hot zone and access areas have been identified. Work areas are periodically monitored by on-scene safety personnel. **Initial Briefing - Map Sketch (Attachment 1)**. The affected area of the GC2 Transit line event includes areas east of Q and H pads and west of D-pad Lake.

Site Characterization and Analysis form (Attachment 2). Air monitoring data is included in a field form generated daily for the safety plan. Maximum readings have been 5% LEL and 0.2 to 0.6 ppm for benzene over the course of the first 24 hours. Recent values as the material has cooled have shown 0% LEL and 0.0 for benzene.

B. Organizational Structure

On Scene Commander: Art Milan/ Henry Harrington

Incident Commander: *Fansett*
~~Greg Alexander~~/ Randy Selman

Incident Deputy Commander: Darrell Shanholtzer/ Don Luedtke

IMT Safety Officer: Pete Langley/ Vince Pokryfki

Site Safety & Health Officers: Mike Kisse/ Al Koenig/ ACS Randy Pittman

Industrial Hygienist: Laura Dickie (0700-1900)

The On Scene Commander is responsible for directing all post emergency clean-up operations. The Site Safety Officer is a member of the BPXA Safety Department or Environmental Department who is responsible for developing and implementing the Site Safety & Health Plan and inspecting for compliance.

C. Workplan

Initial operations have focused on source control by shutting down operations and closing in GC2 and the associated well pads. ACS initial efforts include containment, free product recovery, and vacuum truck operations. A crew of approximately 20 personnel has been mobilized for the initial efforts. Vacuum trucks are being used in the initial cleanup efforts. Future efforts are anticipated to include a wide variety of heavy equipment including front end loaders, trackhoes, etc. Hand tools of a wide variety will also be used to clean affected tundra areas.

D. Safety and Health Hazards

The highest risk to personnel involves injury/illness associated with exposure to extreme cold. Every effort should be made to ensure that people are watched closely (buddy system), and rotated to a rehabilitation area as required. The cold weather protection guidelines in the ASH (pg. 16) will be adhered to. Low temperature/high wind condition operations will also be dictated by ASH (pg. 33) requirements.

The primary chemical hazard associated with the GC2 Oil Transit Line incident is crude oil. An MSDS for crude oil is available onsite and at the IMT. Due to extreme temperatures the chemical/physical hazards are minimized and emphasis will be placed upon preventing skin contamination.

Product recovery and repair/maintenance operations that introduce the use of heat may result in the breakout of toxins and flammable vapors. Aggressive atmospheric monitoring will be required during these operations.

Other potential hazards include:

1. Slips, trips and falls
2. Uneven walking/working surfaces
3. Manual material handling
4. Snow Caves (Drifting of Snow) and oil undermining snow and permafrost.
5. Excessive traffic/congestion
6. Excessive noise

Water/boat hazards

Inhalation hazards

Heat stress/heat exhaustion

Hydrogen Sulfide

Hypothermia/Frostbite

Carbon Monoxide

Hazards to the eye

Benzene

Fire/explosion hazards

Total Hydrocarbons

Cuts and abrasions

Others:

Vehicular/equipment traffic

Others:

E. Training:

Employees involved with site work will comply with appropriate levels of hazardous waste operations training (29CFR 1910.120). If respiratory equipment is required, training will comply with 29CFR 1910.134.

F. Pre-entry Briefing / Site Control:

The Site Safety Officer or the On Scene Commander will conduct pre-entry briefings before commencing work to ensure that workers are informed of the contents of the Site Safety & Health Plan. This also includes all visitors to the site (i.e. agency personnel). All workers and visitors to the site are required to sign in and out.

The entry area is identified on the map and any other access zones will be set up and marked in field locations. As the information becomes available the approximate zones will be outlined in an attached site map.

G. Site Control / Pre-entry Briefing:

Response zones will be set up and marked in field locations. As the information becomes available the approximate zones will be outlined in an attached site map. No one will work alone (out of sight) within the cleanup site. If necessary, a buddy system will be established. All personnel on site are required to wear a reflective vest.

Workers will be alerted to an emergency by radio communication, siren or telephone. Site radios provide a field communication method for this response effort. An EMT (advanced) will be present at the cleanup site to provide medical care as needed. This position will be staffed 24 hours. He/she will be supported by the BOC medical staff as required.

H. Engineering Controls:

As possible, preference will be placed upon clean up methods such as vacuum trucks and other heavy equipment that will minimize the possibility of skin or other exposure to site cleanup personnel.

I. Work Practices:

Special Work practice instructions will be given as necessary by each site supervisor during site orientation and will be indicated below or appended to this document.

1. All activities will be done in accordance with ASH.
2. Entry guidelines.
3. Benzene Standards as set in bp SOP.
4. Proper Hydration for all field personnel will be stressed at all tool box meetings.
5. Crew Rotations will follow ASH Cold Weather Protection Guidelines.

J. Personal Protective Equipment:

The initial response effort involved the use of Level C with organic vapor cartridges. Current air monitoring readings have allowed a downgrade to modified level D without the need for respirators. An emphasis has been placed upon skin and cold protection with Tyvek suits over standard arctic clothing. All PPE will be determined upon hazard assessments performed by

safety personnel.

A variance has been generated and approved addressing the use of FRC for site workers. The Tyvek coverall currently utilized is not an FR garment. The variance calls for the use of an FR garment for at least one layer of clothing under the Tyvek. A chemical / fire resistant garment is being requisitioned and upon arrival will be utilized as the outer most layer per the ASH.

K. Monitoring Program:

Air Monitoring will be conducted periodically for: Benzene (.3 – 15 ppm), O₂ (19.5-23.5 %), H₂S (<10% ppm), CO (<25 ppm), and LEL (<10% LEL). Frequency may be modified based upon activity.

L. Decontamination:

A spill response decontamination trailer has been placed on site just west of the Hot Zone on the pipeline access road for use during clean up activities. Decontamination work will be performed by trained personnel in accordance with 29CFR 1910.120.

M. Emergency Response / Evacuation

The GC-2 staging area serves as the primary assembly point for personnel at the GC-2 access area in the event they are required to evacuate. The Mobile Command Center serves as the assembly point for evacuation of personnel from Sante Fe Pad.

N. Plan Addenda / Effectiveness of SS&H Plan:

As conditions or work operations change, this plan shall be amended with updated information. To be effective, the plan for this incident must be a dynamic document. Site safety personnel and management should communicate any modifications needing addressed to the IMT safety officer.

The Site Safety Officer will conduct periodic audits to determine if the plan continues to accurately address the issues surrounding the actual work, Safety will monitor the project throughout the work shifts, to include monitoring of the atmosphere. Over the course of the incident a daily site safety plan is generated by site safety and reviewed by all site personnel.

Incident Commander

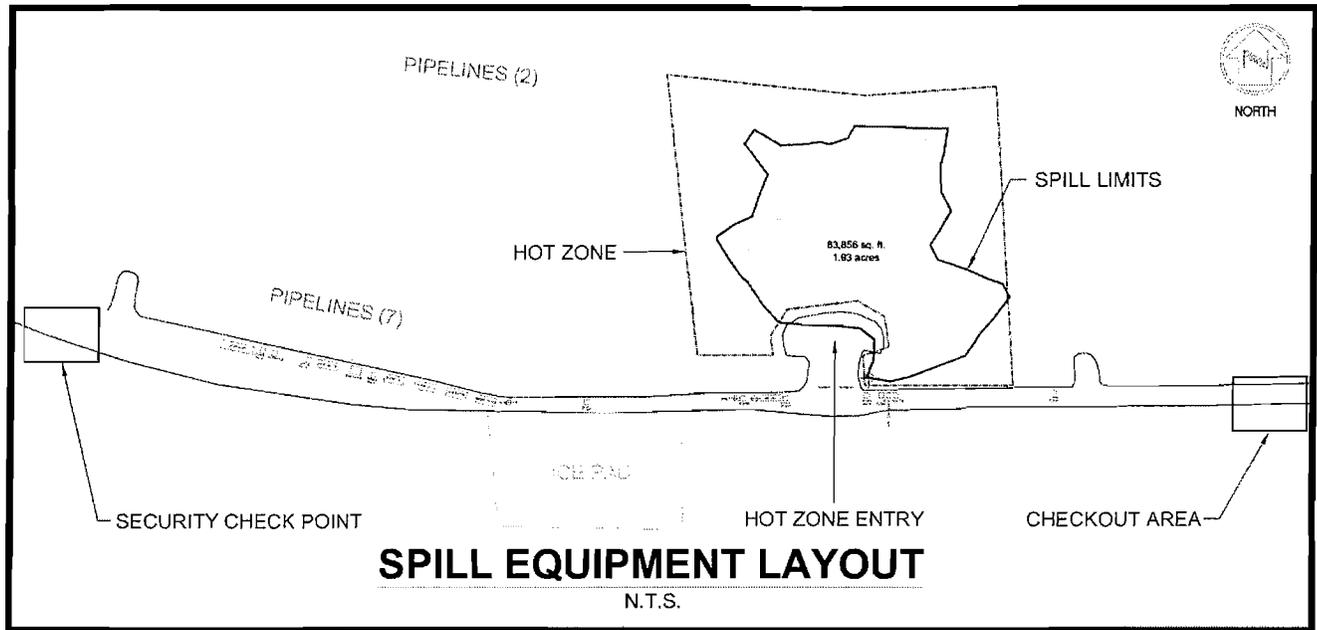
March 7, 2006

Incident Safety Officer

March 7, 2006

Attachment 1

Site Map



Attachment 2

Field Safety Data