EMERGENCY RESPONSE ACTION PLAN
EXPLORER PIPELINE SYSTEM

EXPLORER PIPELINE SYSTEM

Prepared for:

Explorer Pipeline Company
6120 South Yale Ave.
Tulsa, Oklahoma 74136,

Prepared by:
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FIGURE 1.1

FACILITY INFORMATION

GENERAL INFORMATION		
Facility Name:	EXPLORER PIPELINE SYSTEM	
PHMSA Control Number(s):		
	819 – Port Arthur and Houston Areas	
	820 – Greenville Area	
	821 – Glenpool Area	
	822 – Wood River Area	
	823 – Hammond Area	
	1180 – Arlington Area	
Owner Name:	Explorer Pipeline Company	
Addresses:	***Physical Address***	***Mailing Address***
	6120 South Yale Ave.	P.O. Box 2650
	Tulsa, Oklahoma 74136	Tulsa, Oklahoma 74101
Mainline Number:	(888) 876-0036	
Contact Person:	Jim Sieck, P.E.	
Primary NAICS Code:	486910	
Determination of Significant and Substantial Harm (DOT/PHMSA):	All six (6) Response Zones meet the criteria for "Significant and Substantial Harm".	
Operator Statement of Significant and Substantial Harm:	It is Explorer's goal to respond as quickly as possible to all uncontrolled releases of petroleum product, regardless of the source point location along the system. Based upon this goal, and the definitions provided in 49 CFR 194.103 (c)(4) & (5), Explorer considers all the active line sections listed below in the Response Zone Annexes as capable of a release potentially causing "significant and substantial harm".	
PIPELINE LOCATION		
States/Counties:	The Explorer Pipeline System covers five specific response zones covering six (6) states and 61 counties and parishes specifically detailed in this Figure 1.1.	
States Traversed:	Texas, Oklahoma, Missouri, Illinois, Indiana	
Pipeline System Overview Diagram:	See Figure 1.2	

FIGURE 2.1

INTERNAL NOTIFICATION SEQUENCE

(Phone references are provided in Figure 2.2)

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FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS INTERNAL NOTIFICATIONS				
TITLE	**NAME**	**OFFICE**	**HOME**	**CELL**
Incident Commander, Liaison Safety & Environmental, Health, Safety & Security	Alicia Westfall	918-591-3103	(b) (6)	281-954-1239
Incident Commander, Operations, Logistics	Rick Wright	918-591-3122		713-823-2955
	Allendale	918-591-3231		
Incident Commander, Logistics	Alton Ryals	918-591-3202		281-788-5846
Logistics	Jamie Boehm	918-591-3231		713-689-8593
	Bryan	918-591-3307		
	Conroe	918-591-3388		
Logistics	Phil Cotie	918-591-3124		832-401-3059
Logistics	Mike Cotie	918-591-3231		713-907-8587
Incident Commander, Logistics	Kyle Daniel	918-591-3109		409-963-8229
Incident Commander, Logistics	David Emfinger	918-591-3286		936-524-7457
Incident Commander, Logistics	Alan Frazier	918-591-3107		409-963-4852
Logistics	Derek Freisner	918-591-3130		713-689-4563
	Galena Park	918-591-3392		
Incident Commander, Logistics	Omar Garcia	918-591-3124		713-907-8584
	GATX Sample Point	918-591-3392		
	Grapeland	918-591-3384		
Logistics	Richard Gubbs	918-591-3231		
Logistics	Jeff Guinn	918-591-3231		713-504-3696
	Hankamer	918-591-3394		
Logistics	Amanda Havard	918-591-3231		832-401-3056
Logistics	Homer Hernandez	918-591-3231		713-689-8714
	Houston	918-591-3121		
	Huntsville	918-591-3386		
Logistics	David Jarvis	918-591-3231		713-689-8734
Logistics	Robert Johnson	918-591-3101		409-963-8230
Logistics	Brent Kilpatrick	918-591-3231		713-689-8667
Incident Commander, Logistics	CK Nimitz	918-591-3287		936-465-2082
	North Houston	918-591-3303		
	North Pasadena	918-591-3297		
	Pasadena	918-591-3221		

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	HOME	CELL
Logistics	Aaron Peltier	918-591-3127	(b) (6)	713-252-1997
	Plantersville	918-591-3305		
	Port Arthur	918-591-3101		
	Port Neches	918-591-3396		
Logistics	Steve Power	918-591-3254		832-8657386
Logistics	James Psencik	918-591-3231		832-205-2144
Logistics	Steve Quinn	918-591-3101		409-548-5666
Logistics	Debbie Reichle	918-591-3115		409-543-6571
Logistics	Steve Roger	918-591-3101		409-963-8447
Logistics	Milton Seal	918-591-3101		409-293-2278
Logistics	Ricky Sittig	918-591-3258		713-689-4976
Logistics	William Steeples	918-591-3221		832-525-2163
	Washburn	918-591-3299		
Logistics	Susan Wisdom	918-591-3231		832-401-3057
	Wynnewood	918-591-3301		

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 2 GREENVILLE AREA INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	CELL
Incident Commander, Liaison Safety & Environmental, Health Safety & Security	Carlos Denton	918-591-3142		214-532-7640
Incident Commander, Liaison Safety & Environmental, Health Safety & Security	Doug Lee	918-591-3143		214-709-3738
EMTech-Greenville	Sheldon Cast	(918)591-3147		(214)995-0257
	Bonham	918-591-3360		
	Coalgate	918-591-3356		
	Durant	918-591-3358		
	Greenville	918-591-3141		
Logistics	Todd Hackney	918-591-3148		903-274-6928
Incident Commander, Logistics	Eric Lewis	918-591-3288		580-436-7949
Logistics	Terry Lollar	918-591-3141		214-864-1209
	Mabank	918-591-3380		
Logistics	Holly Nesler	918-591-3141		214-534-5187
	Palestine	918-591-3382		
Logistics	Josh Payne	918-591-3141		214-862-8592
	Richardson	918-591-3376		
	ROW Greenville	918-591-3144		
Incident Commander, Logistics	Darren Strege	918-591-3285		214-728-4526
Logistics	Tony Thomason	918-591-3144		214-289-7087
	Mike Stoker	918-591-3144		903-274-6344
Logistics	Josh Warren	9185913141		214-289-7161

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 3 GLENPOOL AREA INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	CELL
Incident Commander, Operations, Logistics	Tom Graves	918-291-5262		918-637-4084
ncident Commander, Liaison Safety & Environmental, Health, Safety & Security	Chad Roggendorff	918-591-3263		918-698-1083
Incident Commander, Logistics	Steven Brewer	918-291-5266		918-698-1095
	Claremore	918-591-3348		
Logistics	Dennis Crutchfield	918-591-3261		
	Glenpool	918-291-5250		
Logistics	Bryan Hendricks	918-591-3261		
	Holdenville	918-591-3354		
Logistics	Marvin Jackson	918-591-3261		918-638-8809
	Joplin	918-591-3344		
Logistics	John Mobley	918-591-3261		918-640-3570
	Mount Vernon	918-591-3342		
	Okmulgee	918-591-3352		
Logistics	Steve Osceola	918-591-3261		
Incident Commander, Logistics	Dennis Roling	918-591-3289		918-638-8808
	ROW Glenpool	918-591-3264		
Incident Commander Logistics	Dennis Smith	918-591-3290		918-638-8807
Incident Commander, Logistics	Paul Spangler	918-591-3270		918-728-1673
	Springfield	918-591-3340		
Incident Commander, Logistics	John Stock	918-291-5264		918-728-1672
	Vinita	918-591-3346		
Incident Commander Logistics	Ken Washington	918-591-3291		417-268-8743
	West Tulsa	918-591-3350		
Logistics	Brian Coats	918-591-3261		918-629-8306
Logistics	Jared Williams	918-591-3261		918-640-1841

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 4 WOOD RIVER AREA INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	HOME	CELL
ncident Commander, Liaison Safety & Environmental, Health, Safety & Security	Todd Johanson	918-591-3183	(b) (6)	618-741-5806
Incident Commander, Operations, Logistics	Rick Thompson	918-591-3182		618-604-4788
Incident Commander, Logistics	Rogelio Berumen	918-591-3195		618-691-8140
	East St. Louis	918-591-3325		
	Gerald	918-591-3334		
Incident Commander, Logistics	David Hagen	918-591-3190		618-610-3319
Incident Commander, Logistics	Jake Hallahan	918-591-3292		618-806-4565
Logistics	Robert Kruemmelbein	918-591-3181		618-219-6418
	Lebanon	918-591-3338		
Logistics	Marty Manning	918-591-3181		618-219-6383
	Dennis Reckmann	918-591-3191		618-530-1632
	Rolla	918-591-3336		
	ROW Wood River	618-251-0267		618-660-3596
	ROW WoodRiver			
	SCADA Break Area	918-359-5419		
Logistics	Alan Spann	918-591-3181		618-219-6478
	St. Louis	918-591-3327		
	St. Peters	918-591-3329		
Logistics	Travis Steward	918-591-3181		618-610-2076
Incident Commander, Logistics	Nick Sullivan	918-591-3187		618-604-0417
Incident Commander, Logistics	Randy Vinyard	918-591-3189		618-540-9562
	Weldon Spring	918-591-3331		
	Wood River	918-591-3191		
Logistics	Josh Lambie	918-591-3181		618-530-5902

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 5 HAMMOND AREA INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	CELL
Incident Commander, Liaison Safety & Environmental, Health, Safety & Security	Sue Holifield	918-591-3203		219-939-4104
Incident Commander, Liaison Safety & Environmental, Health, Safety & Security	John Majewski	918-591-3203		219-712-4460
	Chatsworth	918-591-3321		
	Decatur	918-591-3323		
Logistics	Kevin Dommer	918-591-3201		219-381-9263
Incident Commander, Logistics	Ed Drebes	918-591-3294		219-712-0133
	Griffith	918-591-3317		
	Hammond	918-591-3201		
Logistics	Randy Hartge	918-591-3201		219-712-4574
Logistics	Gordon Hill	918-591-3201		219-381-9260
Logistics	Mark Lorenzi	918-591-3201		
Incident Commander, Logistics	Christopher Meyer	918-591-3207		219-808-4842
	ROW Hammond	918-591-3204		
	Schererville Jct	918-591-3319		

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 6 ARLINGTON AREA INTERNAL NOTIFICATIONS			(b) (6)	
TITLE	NAME	OFFICE		CELL
Incident Commander, Liaison Safety & Environmental, Health Safety & Security	Stan Flahaut	918-591-3163		817-689-3068
Incident Commander, Operations	John Patterson	918-591-3162		214-532-7532
Logistics	Richard Hawkins	918-591-3176		254-532-7530
Logistics	Jack Philips	918-591-3161		214-709-2285
Incident Commander, Logistics	Cody Rogers	918-591-3175		
	ROW Grapevine			214-882-2841
	Arlington	918-591-3160		
Incident Commander, Logistics	Rodney Burton	918-591-3174		214-532-7533
	Carrollton Jct.	918-591-3374		
	Dallas	918-591-3370		
Logistics	Marvin Dennis	918-591-3170		214-709-7850
	DFW	918-591-3366		
	Fort Worth Delivery	918-591-3390		
	FW Chevron	NA		
	FW Meter	918-591-3364		
	Grapevine	918-591-3368		
	Hearne	918-591-3309		
	Irving	918-591-3372		
	Lake Creek	918-591-3311		
	Ross	918-591-3315		
	Waco	918-591-3313		
Incident Commander, Logistics	Jeramy Welch	918-591-3173		214-532-9546

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

CORPORATE RESPONSE PERSONNEL/OTHER COMPANY CONTACTS INTERNAL NOTIFICATIONS				
TITLE	**NAME**	**OFFICE**	**HOME**	**CELL**
	Board Room	918-493-5130		
	Banner Room	918-493-5187		
	Mark Applegate	918-359-5401		
Business Interruption	Dolin Argo	918-493-5142		918-697-8508
Incident Commander, Deputy IC	Maurice Ashcraft	918-493-5102		918-549-8459
	Uriel Ayala	918-493-5136		918-688-6995
	Patricia Baca	918-493-5195		
	Trudy Bailey	918-359-5401		
	Jonathan Ballard	918-359-5442		918-407-7716

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

CORPORATE RESPONSE PERSONNEL/OTHER COMPANY CONTACTS INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	CELL
	Andrew Bell	918-493-5105		918-289-5324
	Terry Biehl	918-493-5108		918-637-4816
	Bryan Boler	918-493-5196		
Liaison Safety & Environmental Regulatory	Kevin Brown	918-493-5104		918-637-2422
	John Bryant	918-359-5401		
	Jeff Bullinger	918-359-5401		918-231-9285
Planning, Repair and Restart	Kraig Caldwell	918-359-5410		918-697-1103
	Roni Clegg	918-493-5179		918-636-0694
	Drew Cosgrove	918-493-5149		
PR Media, Govermental Officials	Curtis Craig	918-493-5107		918-694-4076
	Ray Curtis	918-493-5166		918-607-7835
	Brian Dedeke	918-493-5177		918-510-1421
	Bob Dudley	918-493-5128		918-381-7730
	Brian Gasperino	918-493-5158		918-798-1065
Planning	Kevin Gatrell	918-359-5430		918-638-6605
Finance	Scott Gibby	918-493-5120		918-381-5520
Finance	Chance Gipson	918-493-5152		918-694-4044
Logistics	Todd Golla	918-493-5144		918-381-0088
	Leslie Graves	918-493-5192		
	Kaye Hayes	918-493-5113		
	Jeremy Henry	918-493-5156		918-418-2613
Finance	Duane Hobart	918-493-5103		918-636-6211
Operations	Gilbert Hoelscher	918-493-5194		918-693-3149
	Marcus Hulen	918-359-5441		918-695-1503
	Kevin Janney	918-359-5440		918-698-4150
Incident Commander, Deputy IC, Regulatory, PR Media	Tom Jensen	918-493-5106		918-638-1920
	Marty Johnson	918-493-5126		918-206-4688
	Scott Kelley	918-359-5401		
	Karen Kennedy	918-493-5164		918-644-3505
	Jeremiah Konell	918-359-5409		918-418-1787

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

CORPORATE RESPONSE PERSONNEL/OTHER COMPANY CONTACTS INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	CELL
	Kelly Lewis	918-493-5151		918-637-2719
Planning	Russ Martin	918-493-5190		918-636-5113
	Ray Matlock	918-493-5153		918-694-4046
	Jean McAuley	918-493-5175		
	Ronnie McGee	918-359-5401		918-845-2303
	Lanny McNeely	918-493-5112		918-892-5619
Planning	Dan Merritt	918-359-5447		918-381-0472
	Michelle Migdat	918-359-5472		918-408-1142
Incident Commander, Logistics	Rex Mitchener	918-493-5147		918-636-6195
	Ryan Moore	918-359-5471		918-327-2397
	Aaron Mosier	918-359-5401		
Administrative	Katrina Moss	918-493-5117		
	Steve Nelson	918-359-5401		
Repair and Restart	Patrick Nwakoby	918-493-5172		918-636-0589
	Eddie Pruett	918-359-5401		
	Chris Roddy	918-493-5193		
Repair and Restart	Carol Rose	918-493-5109		918-855-5739
	Rhonda Runde	918-493-5121		918-497-9350
Finance	Bill Sanders	918-493-5160		918-231-3489
	Sam Sansone	918-493-5114		918-798-7305
	Dan Shaw	918-359-5401		
Planning	Marilyn Shores	918-493-5178		918-706-1148
Incident Commander, Liaison Safety & Environmental, Regulatory	Jim Sieck	918-493-5143		918-694-4043
	Kelly Smith	918-359-5401		
	Gerald Spencer	918-493-5171		918-849-4382
Operator	Travis Steward	618-251-0251		618-610-2076
	Corbin Swain	918-493-5150		918-407-8862
Planning	Mary Thomason	918-493-5119		918-605-1396
Operations	Steve Tollette	918-493-5141		918-698-0939
Repair and Restart	Tim Turner	918-493-5157		918-798-7310

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

CORPORATE RESPONSE PERSONNEL/OTHER COMPANY CONTACTS INTERNAL NOTIFICATIONS				
TITLE	**NAME**	**OFFICE**	**HOME**	**CELL**
Planning	Jack Van Schenck	918-493-5129	(b) (6)	918-637-0266
Administrative	Tim Vander Kooi	918-493-5165		918-637-5085
	Jeff VanDyke	918-359-5401		
	Gloria Vaughn	918-493-5116		918-200-4842
Logistics	Greg Wagnon	918-493-5138		918-637-6005
	Budde Winton	918-359-5401		
Business Interruption	Rod Woodford	918-493-5135		918-857-0043
Deputy IC, PR Media, Govermental Officials	Dave Ysebaert	918-493-5103		918-269-7704
	Peter Zepf	918-359-5443		918-565-8094

FIGURE 2.3

Vital Information Required - First Report

Complete the following on first notification of an emergency.

Date Time ☐ a.m. ☐ p.m. Recorded by

1. Emergency Reported By

Name

Contact Number During Emergency

Contact Number After Emergency

Alternate Contact Number

2. Type of Emergency

☐ Suspected Leak ☐ Actual Leak ☐ Fire
☐ Tornado ☐ Hurricane ☐ Damaged Pipeline
☐ Act of Aggression ☐ Emergency Line Locate ☐ Other – describe below

3. Location of Emergency

State County
City/Town Milepost

4. Deaths or Injuries

a. Have deaths occurred as a result of the emergency? ☐ Yes ☐ No
If yes, provide approximate number of fatalities.

b. Have injuries occurred as a result of the emergency? ☐ Yes ☐ No
If yes, provide approximate number of injuries.
Describe nature of injuries.

5. Type of Surroundings in Vicinity of Emergency

☐ Residential ☐ Industrial ☐ Rural ☐ Urban
☐ Power Lines ☐ River ☐ Channel ☐ Lake
☐ Highway ☐ Bridge ☐ ☐

6. Possible Ignition Sources

Describe any possible ignition sources in the vicinity of the emergency.

7. Product Information

a. Is product visible/apparent in association with the emergency? ☐ Yes ☐ No

b. Type of Product ☐ Crude ☐ Gas ☐ Diesel ☐ Jet ☐ Other

c. Estimated Volume Released ☐ 1 - 10 BBL ☐ 10 - 25 BBL ☐ 25 - 50 BBL ☐ 50 - 100 BBL ☐ 100+ BBL

8. Time of Occurrence and Discovery

a. When did the emergency occur? (Time may be approximate.)
Date Time ☐ a.m. ☐ p.m.

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b. When was the emergency discovered? (Time may be approximate.)
Date _____ Time _____ ☐ a.m. ☐ p.m.

9. Description of Occurrence

If possible, briefly describe how the emergency occurred. (Reason for discharge of product.)

_____

_____

10. Weather Condition

a. Current Weather Conditions Wind Velocity _____ mph Wind Direction _____
Temperature _____ ° F Thunderstorm ☐ Yes ☐ No Humidity _____ %
Other

b. Weather Conditions at Time of Occurrence Wind Velocity _____ mph Wind Direction _____
Temperature _____ ° F Thunderstorm ☐ Yes ☐ No Humidity _____ %
Other

11. Actions Taken

a. Valves Closed _____
b. Names of Employees Notified _____
c. Emergency Services Notified Fire ☐ Yes ☐ No Police ☐ Yes ☐ No Ambulance ☐ Yes ☐ No
d. Other Notifications _____

12. Additional Pertinent Information

Provide any additional pertinent information below.

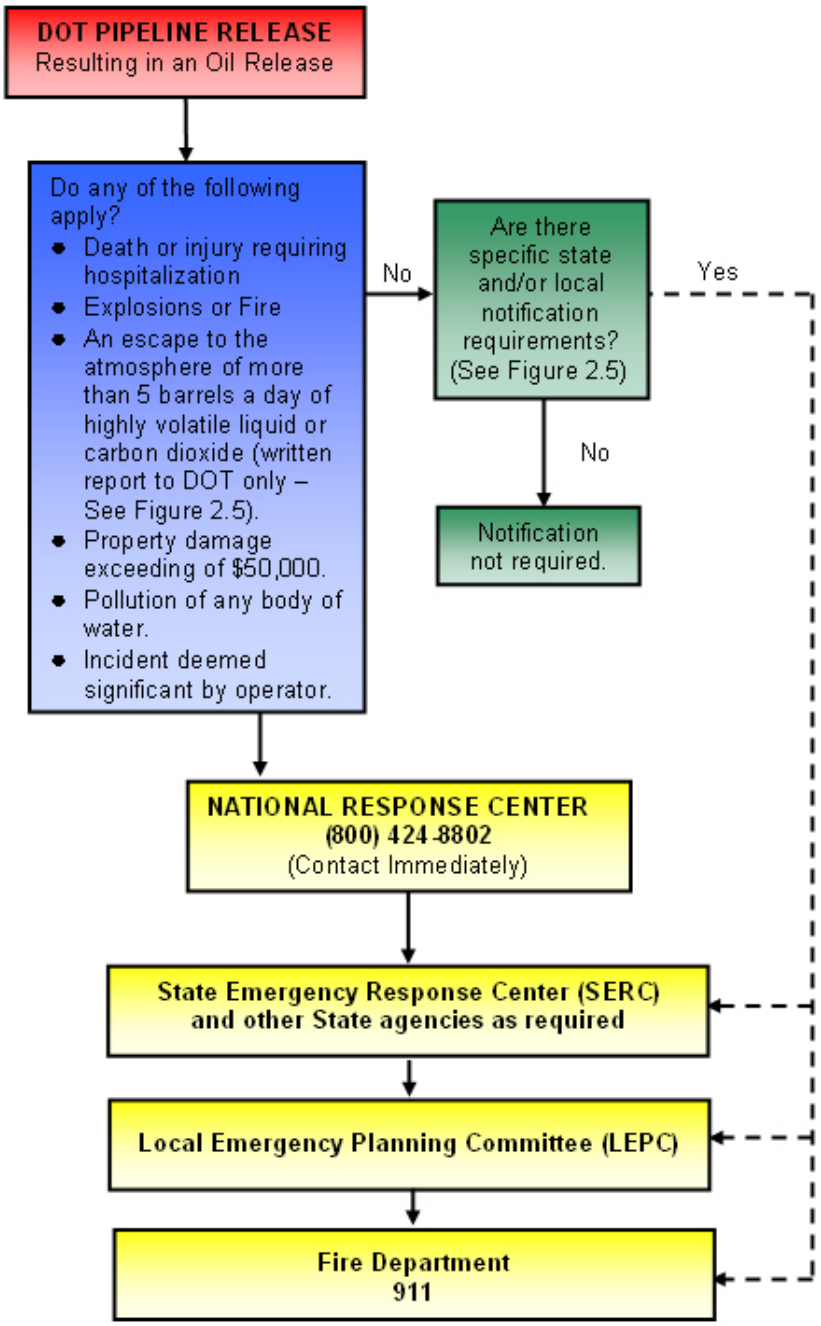
_____

_____

_____

FIGURE 2.4

EXTERNAL NOTIFICATION FLOWCHART



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FIGURE 2.5
EXTERNAL NOTIFICATION REFERENCES

REQUIRED NOTIFICATIONS	
Department of Transportation	
Information Resources Manager Office of Pipeline Safety 1200 New Jersey Avenue, SE East Building Washington, District of Columbia	(800) 424-8802 (NRC) (202) 267-2675
Southwest Region Office of Pipeline Safety 8701 S. Gessner Ste 1110 Houston, TX 77074	(713) 272-2859 (Office) (713) 271-2831 (Fax)
Central Region 901 Locust Street, Suite 462 Kansas City, MO 64106-2641	(816) 329-3800 (Office) (816) 329-3831 (Fax)

Reporting Requirements:

Type: In addition to the reporting of accidents to the NRC, a written accident report (PHMSA Form 7000-1) must be submitted for releases resulting in any of the following: 1) explosion or fire not intentionally set by the operator; 2) release of five gallons or more of hazardous liquid or carbon dioxide, except that no report is required for a release of less than five barrels resulting from a pipeline maintenance activity if the release is, not one described under the NRC's reporting conditions;confined to Company property or pipeline right-of-way;and cleaned up promptly; 3) death of any person; 4) personal injury necessitating hospitalization; 5) estimated property damage, including cost of cleanup and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding $50,000.

Written: As soon as practicable, an accident meeting any of the above criteria must be reported on PHMSA Form 7000-1. The report must be sent to DOT no later than 30 days after the release. Changes or additions to the original report (PHMSA Form 7000-1) must be filed as a supplemental report within 30 days.

NATIONAL RESPONSE CENTER (NRC)	
c/o United States Coast Guard 2100 2nd Street Southwest Room 2611 Washington, District of Columbia	(800) 424-8802 (24 Hr.) (202) 267-2675 (24 Hr.)

Reporting Requirements:

Type: For all spills that impact or threaten to impact navigable water or for any failure in a pipeline system that: 1) Caused a death or a personal injury requiring hospitalization; 2) Resulted in either a fire or explosion not intentionally set by the carrier; 3) Caused estimated damage to the property of the carrier or others, or both, of a total of $50,000 or more; 4) Resulted in the pollution of any stream, river, lake, reservoir, or other similar body of water that violated applicable water or adjoining shoreline, causing a discoloration or emulsion beneath the surface of the water or upon adjoining shorelines; 5) In the judgment of the carrier, was significant even though it did not meet the criteria of any other subparagraph of this paragraph (cleared through Management).

Written: Not required

FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

FIGURE 2.2
EXTERNAL NOTIFICATION REFERENCES (Cont'd)

NON-REQUIRED ASSISTANCE/ADVISORY NOTIFICATIONS (Outside Resources)		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Chemtrec/Bureau of Explosives	National	(800) 424-9300
FBI	Washington	(202) 324-3000
U.S. Fish and Wildlife Service	Washington	(202) 208-7535
National Oceanic and Atmospheric Administration	National	(301) 713-3038 Ext. 110
U.S. Environmental Protection Agency - EPA Region 5	Chicago	(312) 353-2000
U.S. Fish and Wildlife Service		(612) 713-5301
U.S. Environmental Protection Agency - EPA Region 7	Kansas City	(913) 281-0991 (24 Hr.)
U.S. Coast Guard District Response Group (DRG) and District Response Advisory Team (DRAT)	New Orleans	(504) 589-6901 (Daytime)
U.S. Coast Guard St. Louis Area	St. Louis	(866) 360-3386 24 hr
U.S. Fish and Wildlife Service		(505) 248-6282
Ducks Unlimited (Conserves, Restore & Manages Wetlands Only)	Memphis	(901) 758-3825
U.S. Environmental Protection Agency - EPA Region 6	Dallas	(866) 372-7745 (24 Hr.)
U. S. Coast Guard	Houston	(713) 671-5100
U.S. Fish and Wildlife Service	Houston	(281) 286-8282
Federal Aviation Administration	Dallas	(972) 615-2500
National Wildlife Federation	Vienna	(703) 438-6000

AERIAL PATROLS		
AGENCY	LOCATION	OFFICE/ALTERNATE
Brentco Aerial - Verdigris River to Missouri River, MP 413 to MP 602.5 200 Spruce Drive	Durango 81301, Colorado	(970) 259-4098 / (970) 769-7948
Brentco Aerial - MP 413 to MP 602.5 200 Spruce Drive	Durango 81301, Colorado	(970) 259-4098 / (970) 769-7948
Sun Aero MP 602.5 to Hammond Area Lansing Municipal Airport	Lansing 60438, Illinois	708-895-8958 / 219-201-4611
Fostaire Helicopters - Missouri River to MP 413.4 5600 Vector Drive	Sauget, IL 62206, Illinois	(618) 337-4440 / (314) 488-7780
Crumpton Aviation - Okmulgee to Verdigris 9051 South Airport Way	Jenks, Oklahoma	(918) 209-4900 / (918) 691-2916
Gulf Coast Helicopters - Pt. Neches to Huntsville, Huntsville to Greenville, Greenville to DFW, Greenville to Okmulgee, Allendale to Plantersville, Plantersville to Highway 67 and Denton to Ardmore 4810 Comal Street	Pearland, TX 77581, Texas	(713) 208-6928 / (281) 485-7345

INSURANCE		
AGENCY	LOCATION	OFFICE/ALTERNATE
Marsh USA - Lynn Fynch 401 South Boston	Tulsa, OK 74130, Oklahoma	918-586-7914
Marsh USA - Mary Strait 401 South Boston	Tulsa, OK 74103, Oklahoma	918-586-7952

LEGAL COUNSEL		
AGENCY	LOCATION	OFFICE/ALTERNATE
Sidley Austin, LLP. 1501 K Street Northwest	Washington, 20005 , District of Columbia	202-736-8000
Craig & Craig 1807 Broadway Ave.	Matoon, 61938, Illinois	217-234-6481
Eichhorn, Eichhorn & Link 200 Russell Street	Hammond, 46325, Indiana	219-931-0560
Kean, Miller, Hawthorne - Been R. Miller P.O. Box 3513	Baton Rouge, 70821, Louisiana	225-387-0999 / 225-382-3401
Armstrong & Teasdale, LLC. One Metropolitan Squre	St. Louis, MO 63102, Missouri	314-621-5070
McAfee & Taft - Chris Paul 1717 South Boulder #900	Tulsa 74119, Oklahoma	(918) 574-3037 / (918) 760-2560
Jackson & Walker - Johnny Clayton 100 Louisiana Street, Suite 4200	Houston 77002, Texas	713-752-4200 / 713-752-4218
Jackson & Walker - Gordon Shapiro 901 Main St., Suite 6000	Dallas 75202 , Texas	214-953-6000

DRUG AND ALCOHOL TEST LOCATIONS		
AGENCY	LOCATION	OFFICE/ALTERNATE
Concentra - Hammond 6423 Columbia Ave.	Hammond 4320, Indiana	219-937-3632 / 219-937-3632
AFTER HOURS - Pipeline Testing Consortium 9 Compound Drive	Hutchinson, Kansas	(620) 727-0063
EMSI - Wood River 2821 Ballas Road, Suite C-50	St. Louis, MO 63131, Missouri	(636) 537-3200 / 866-236-3674
EMSI-Springfield, MO 3000 East Division	Springfield, MO 65802, Missouri	417-863-7445 / 866-236-3674
Concentra - Wood River 7927 North Lindbergh Blvd.	Hazelwood 63042, Missouri	314-831-8511
Concentra - Mt. Vernon, MO 3000 East Division	Springfield 65802, Missouri	417-863-7445
Concentra - Glenpool & Tulsa 9515 E 51st Street - Ste. G	Tulsa, Oklahoma	(918) 622-7488 / (918) 622-7488
Concentra - Glenpool 9515 East 51st Street	Tulsa, Oklahoma	(918) 622-7488 / (918) 622-7488
EMSI - Tulsa 6913 South Canton Ave., Suite 100	Tulsa, OK 74136, Oklahoma	918-488-0500 / 866-236-3674
EMSI - Port Arthur 85 I-10 North, Suite 204	Beaumont, TX 77707, Tennessee	409-832-2505 / 866-236-3674
EMSI - Greenville 4950 Keller Springs, Suite 130	Addison, TX 75001 , Texas	972-239-8334 / 866-236-3674
EMSI - Houston 2900 Weslayan, Suite 480	Houston, TX 77027, Texas	713-850-1050 / 866-236-3674
Concentra - Ft Worth 4060 Sandshell Drive	Ft Worth 76137, Texas	817-306-9777 / 214-630-2331
Concentra - Richardson 701 East Plano Parkway, Suite 103	Plano, TX 75074, Texas	972-578-2212 / 214-630-2331
Concentra - Irving 2233 East Grauwler Road	Irving 75061, Texas	972-554-8494 / 214-630-2331
Concentra - Grapevine 2100 SH 360, Suite 2201	Grand Prairie 75050, Texas	972-988-0441 / 214-630-2331
Concentra - Greenville 701 East Plano Parkway	Plano 75074, Texas	972-578-2212 / 214-630-2331
Concentra - Houston 125 East 8th Street	Deer Park 77536, Texas	281-930-8555

TRAILER AND RV VENDORS		
AGENCY	LOCATION	OFFICE/ALTERNATE
U.S. Rents-It 1513 Industrial Drive	Jefferson City, 65109, Missouri	573-635-6171 (office)
RV Vacation Rentals 16051 S Highway 66	Claremore 74017, Oklahoma	918-342-4468 / 866-556-7695

GENERATOR CONTRACTORS		
AGENCY	LOCATION	OFFICE/ALTERNATE
Cummins - Dave Moyer	Denver , Colorado	303-287-0201 x2237 (office)
Pantropic Power Systems - Tony Noa	Miami , Florida	305-477-3329 (office) / 786-402-0111 (cellular)
Cummings Bridgeway Power		248-573-1525 (office) / 989-737-3330 (cellular)
Ziegler Power Systems 8050 State Highway 101	Shakopee 55379, Minnesota	952-887-4501
Gregory Poole Power Systems - Jane Elmore		800-447-3142 (office) / 919-422-8246
Michigan Caterpillar Power Systems - Ed Pellegrini		2498-349-7050 x4344 / 313-350-8911
Generation Power LLC		770-751-4026 / 205-601-6443

POWER LINE UTILITIES		
AGENCY	LOCATION	OFFICE/ALTERNATE
NIPSCO - Hammond Station - Circuit Number 3410	Hammond , Indiana	219-647-6253 / 800-464-7726
OGE - Glenpool Station	Glenpool , Oklahoma	(405) 553-8109 / (800) 550-4643
PSO/AEP - Glenpool Station	Glenpool , Oklahoma	(918) 669-3709 / (866) 631-6208
Center Point/Reliant Energy - Houston Station - Substation EXPLOR Circuit GB08	Houston, Texas	(281) 894-0491 / (281) 890-6622
TXU - Greenville Station	Greenville , Texas	214-354-7525 / 972-564-7050
TXU - Grapevine/Southlake Station	Grapevine , Texas	888-313-4747
Entergy - Port Arthur Station -Substation Line 564 and 574	Port Arthur , Texas	800-766-1648

MEDIA/PR		
COMPANY	LOCATION	TELEPHONE
Schnake Turnbo and Frank, Inc. - Russ Florence	101 Park Ave. Suite 1125, Oklahoma City, Oklahoma	(405) 602-2000 / (918) 633-8587
Schnake Turnbo and Frank, Inc. - Steve Turnbo	20 E.5th Street, Suite 1500, Tulsa 74103, Oklahoma	(918) 430-3003 / (918) 645-1082
Schnake Turnbo and Frank, Inc. - Becky Frank	20 E. 5th Street, Suite 1500, Tulsa 74103, Oklahoma	(918) 430-3000 / (918) 671-1123
Schnake Turnbo and Frank, Inc. - Kari Culp	East 5th Street, Suite 1500, Tulsa, Oklahoma	(918) 430-3016 / (918) 269-9505
Schnake Turnbo and Frank, Inc. - David Wagner	East 5th Street, Suite 1500, Tulsa, Oklahoma	(918) 430-3006 / (918) 691-7236
Schnake Turnbo and Frank, Inc. - Blake Loep	East 5th Street, Suite 1500, Tulsa, Oklahoma	(918) 430-3019 / (918) 978-6475

FIRE AND FOAM SPECIALIST		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Williams Fire and Hazard Control	Houston	(409) 727-2347 (281) 999-0276

VACUUM AND FRAC TRUCK COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Baker Tanks	South Roxana	618-254-8700
K Plus	Gary	219-937-4060
National Industrial Maintenance	East Chicago	219-398-6660
Tank Trucks, Inc.	Sapulpa	918-224-7515
Independent	Drumright	918-352-2539
Tiger Trucks	Seminole	405-382-4722
Baker Tank	Oklahoma City	405-912-4800
Cactus	Dallas	214-252-5000
American Spill Control	Seagoville	972-287-7100
Eagle Environmental	Dallas	800-336-0909

EQUIPMENT RENTAL COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
No Data		

VETERINARIANS		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
11th Saint Vet Hospital	Huntsville	(936) 293-8900 281-890-6622

WILDLIFE REHABILITATION COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
International Bird Rescue	Fairfield	707-207-0380
Tri-State Bird Rescue	Newark	302-737-7241 302-737-9543
Paradigm	Owasso	918-605-0341
Wildlife Response Services	Seabrook	713-705-5897

ROLL-OFF BOX COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Mid West Sanitary	Wood River	618-254-0171
Pollution Control Industries	East Chicago	219-397-3951
Homewood Disposal	Homewood	708-798-1004?
Smithy	Tulsa	918-245-1070
Baker Tank	Oklahoma City	405-912-4800
Clean Harbors	Waynoka	580-697-3500
Eagle Environmental	Dallas	800-336-0909
Cactus	Dallas	214-252-5000
Baker Tank	Dallas	817-608-0576

ENVIRONMENTAL CONSULTING COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Terracon	Napperville	630-717-4263
Aquaterra	Tulsa	918-459-4175
Terracon	Dallas	214-630-1010

GST	Denton	940-440-9787
Pastor, Behling, Wheeler	Austin	512-671-3434

ANALYTICAL LABORATORIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Tek-Lab, Inc.	Collinsville	618-344-1004
Test America	Valparaiso	219-464-2389
Green Country Testing	Tulsa	918-828-9977
ERMI	Allen	800-228-3764

CRANE RENTAL COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Koehl Brothers	Fairbury	815-692-2326
Waggoner	Wood River	618-254-2464
Imperial Crane	Hammond	219-924-2900
Central Crane	Hammond	219-989-7500
Ozark Crane	Joplin	417-623-7637
Belger Cartage Crane Service	Tulsa	918-834-4431
Davis Craine Service	Irving	972-438-1122 214-354-4595
Luckett Crane	Commerce	903-886-3407
Maxim Crane	Dallas	817-656-8345

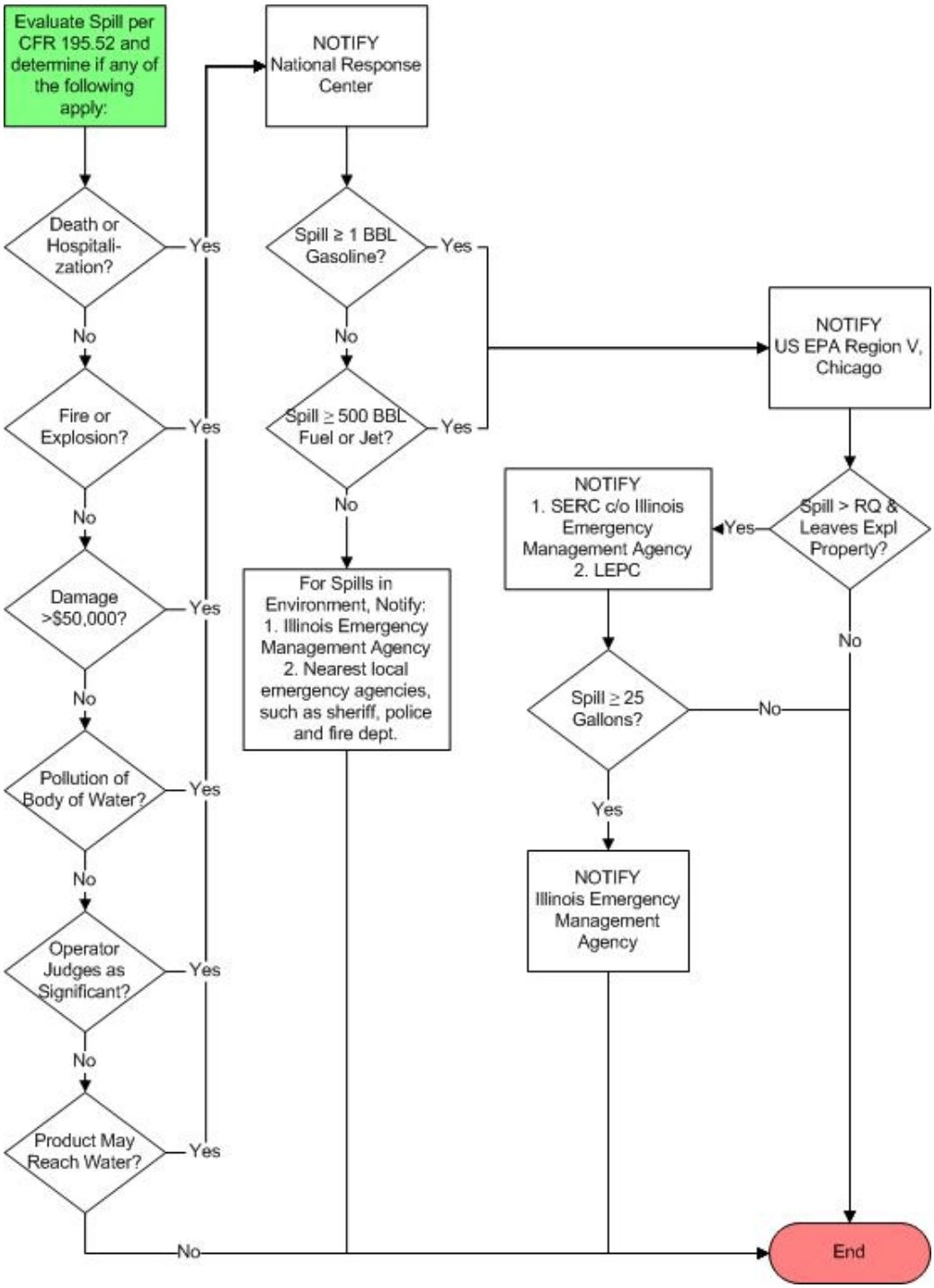
PIPELINE MAINTENANCE AND REPAIR COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Roberts Pipeline Construction	Middletown	765-533-4728
Geeding	Troy	636-528-5264
Vaught Construction	Crane	417-723-8019
Mid-America	Claremore	(918) 629-3981
ETI	Crosby	832-309-2049
Driver Pipeline	Irving	214-638-7131
Bobcat	Hillsboro	903-588-2017
Sunland Construction	Channelview	281-457-6489
Sunland Construction	Channelview	281-457-6489
Zaval-Texas Construction	Beaumont	409-794-3500

PORT-A-LATHE COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Car-Ber Testing	Hammond	219-844-8040
Site Services	Tulsa	918-836-4451
Porta-Lath, Inc	Houston	713-747-0090
Car-Ber Testing	Baytown	281-837-8003

PORT-A-POTTY COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Porta-John of Tulsa	Tulsa	(918) 836-8657
Texas Toilet	Greenville	(903) 456-4473

INDUSTRIAL HYGIENE COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Paradigm	Owasso	(918) 605-0341

Illinois



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Illinois

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY – EMERGENCY MANAGEMENT AGENCY (SERC)	
110 East Adams Springfield Illinois	(800) 782-7860 (24 Hrs.) (217) 782-7860

Reporting Requirements:

Type: [REPORTABLE VOLUME: 25 GALLONS] 1) Oil discharges from a tank in the amount of 25 gallons or more: or a discharge from a tank less than 25 gallons that cannot be cleaned up within 24 hours; 2) Oil discharges reportable under federal reporting requirements (NRC); 3) Hazardous substances that meet or exceed the Federal Reportable Quantity (RQ); 4) Accidents involving hazardous materials, excluding petroleum, that results in any of the following: a) A member of the general public is killed or receives injuries requiring hospitalization; b) An authorized official of an emergency agency recommends evacuation of an area by the general public; c) A motor vehicle has overturned on a public highway.

Verbal: Immediately

Written: As soon as practicable after the release. [STATE CITATION: 41 IAC 170.590]

LOCAL FIRE DEPARTMENT	
(See Responze Zone Annexes for contact information) Various Cities Illinois	Refer to Response Zone Annexes

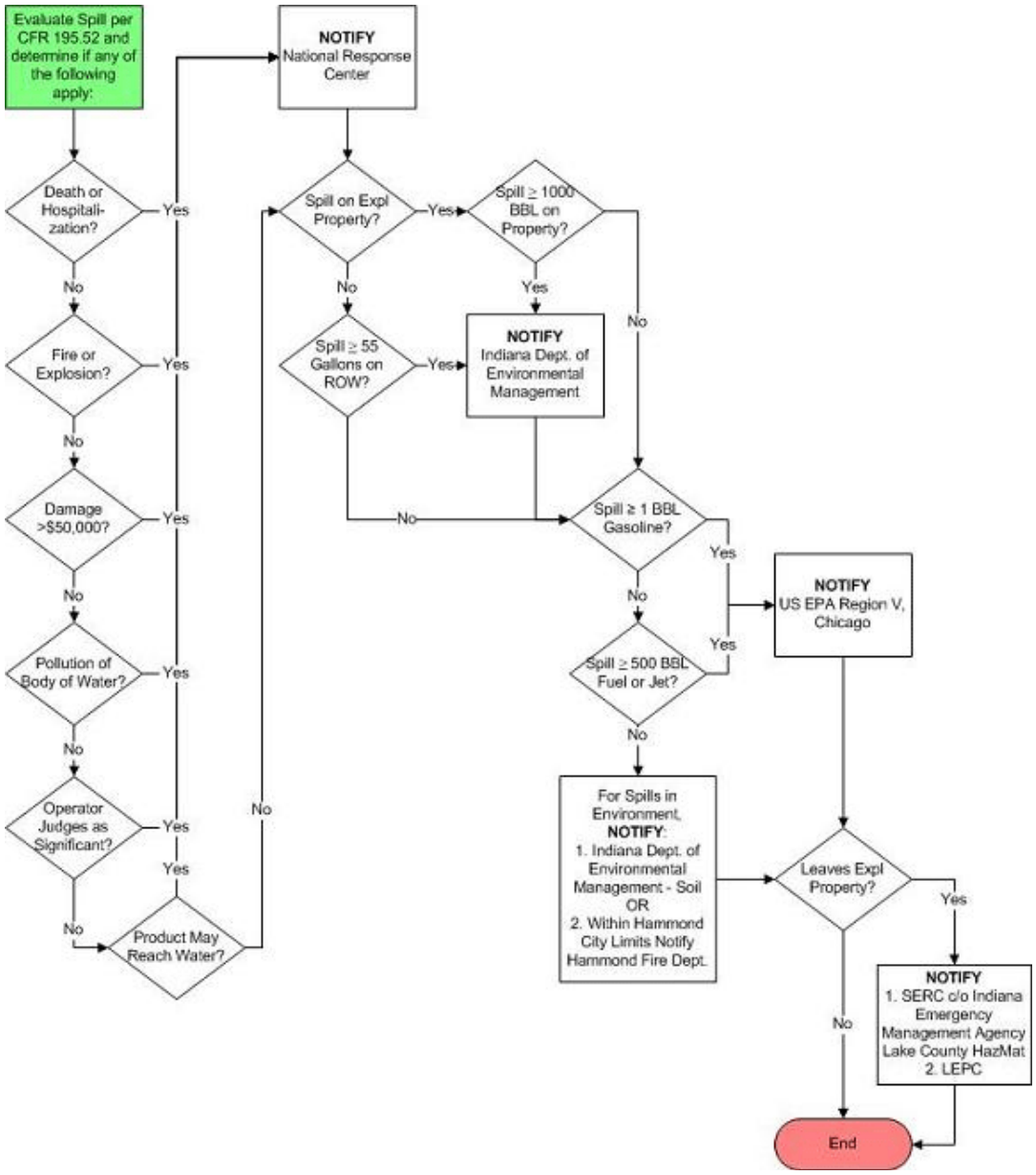
Reporting Requirements:

Type: All discharges of hazardous materials reportable under Federal, State, or local regulations. Per the Illinois Administrative Code, flammable and combustible liquids are considered hazardous materials.

Verbal: Immediately

Written: As the agency may request, depending on the circumstances.

Indiana


Evaluate Spill per CFR 195.52 and determine if any of the following apply:
NOTIFY National Response Center
Death or Hospitali-zation?
Yes
No
Fire or Explosion?
Yes
No
Damage >$50,000?
Yes
No
Pollution of Body of Water?
Yes
No
Operator Judges as Significant?
Yes
No
Yes
Product May Reach Water?
No
Spill on Expl Property?
Yes
No
Spill ≥ 1000 BBL on Property?
Yes
No
Spill ≥ 55 Gallons on ROW?
Yes
No
NOTIFY Indiana Dept. of Environmental Management
Spill ≥ 1 BBL Gasoline?
Yes
No
NOTIFY US EPA Region V, Chicago
Spill ≥ 500 BBL Fuel or Jet?
Yes
No
For Spills in Environment, NOTIFY:
1. Indiana Dept. of Environmental Management - Soil
OR
2. Within Hammond City Limits Notify Hammond Fire Dept.
Leaves Expl Property?
Yes
No
NOTIFY
1. SERC c/o Indiana Emergency Management Agency Lake County HazMat
2. LEPC
End

Indiana

INDIANA DEPARTMENT OF EMERGENCY MANAGEMENT (SERC)	
Office of Environmental Response 2525 North Shadeland Avenue Indianapolis Indiana	(888) 233-7745

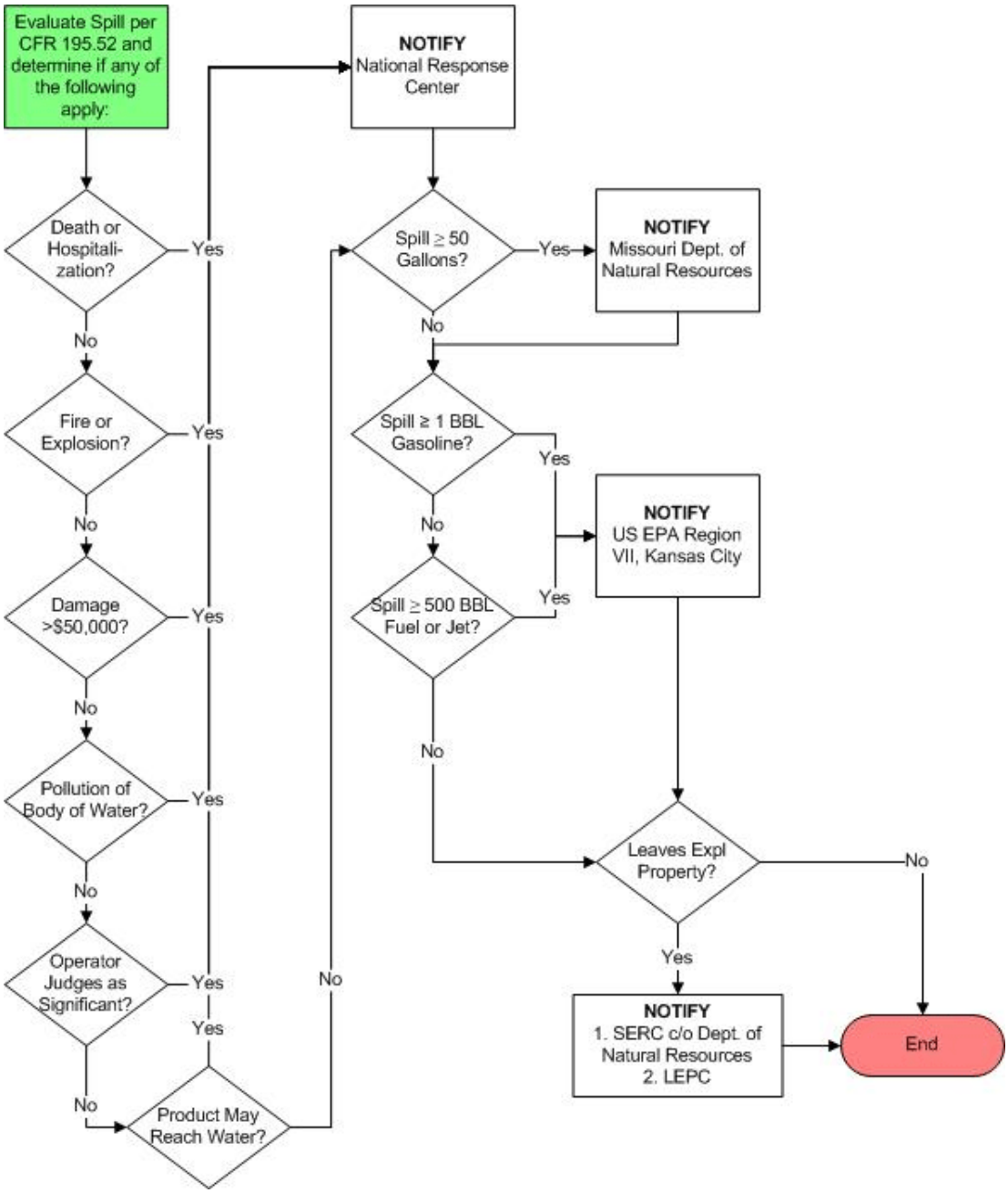
Reporting Requirements:

Type: [REPORTABLE VOLUME: 55 GALLONS OFF FACILITY OR 1,000 GALLONS BEYOND FACILITY] 1) Any oil discharge that causes a sheen on surface waters; 2) Any spill to land beyond the facility boundary that exceeds 55 gallons; 3) Any spill to land located within the facility boundary that exceeds 1,000 gallons; 4) Any release of hazardous substance beyond the facility boundary that exceed 100 lbs or the RQ, whichever is less; 5) Any release of hazardous substances within the facility boundary that exceed the RQ

Verbal: Immediately

Written: As requested by the Agency. [STATE CITATION: 327 IAC 2-6-6.1-5 AND 327 IAC 2-6.1-6]

Missouri



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Missouri

MISSOURI EMERGENCY RESPONSE COMMISSION (SERC)	
MERC 2302 Militia Drive Jefferson City Missouri	(573) 634-2436

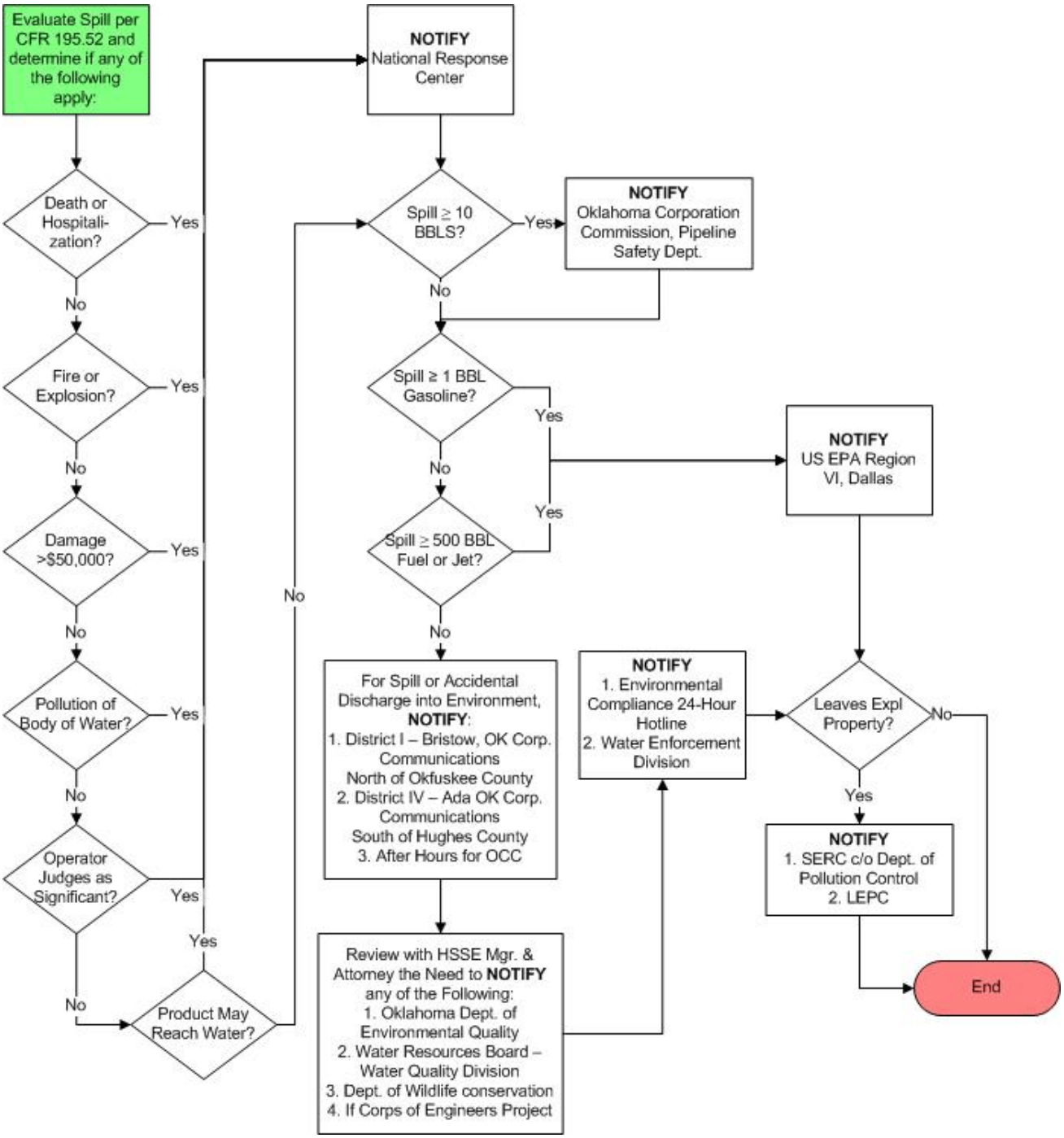
Reporting Requirements:

Type: [REPORTABLE VOLUME: 50 GALLONS] Any petroleum discharge into water; or, greater than 50 gallons into or onto land; or, 25 gallons or more from an underground storage tank onto land. Any hazardous substance exceeding an RQ.

Verbal: At the earliest practical moment upon discovery.

Written: As required by the Agency. [STATE CITATION: MCSR 24-2.010(8)(B)]

Oklahoma



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Oklahoma

OKLAHOMA CORPORATION COMMISSION	
Oklahoma Corporation Commission P.O. Box 52000 Oklahoma City Oklahoma	(405) 521-2211 (800) 522-0034 (405) 613-3570 (24 Hr)
District 1 - Bristrow 115 West 6th Street Bristow, OK 74010	(918) 367-3396
District 4 - Ada 703 Noth Broadway Ada, OK 74820	(580) 332-3441

Reporting Requirements:

Type: [REPORTABLE VOLUME: 10 barrels] Any oil discharge that has impacted waters of the state or release of a hazardous substance in an amount equal to or greater than the reportable quantity.

Verbal: Immediately.

Written: A follow-up report shall be made to the Department within 10 days after the discharge is first reported. [OAC 165.10-7-5(c)]

OKLAHOMA DEPT. OF WILDLIFE CONSERVATION – NATURAL RESOURCES SECTION	
1801 North Lincoln Oklahoma City Oklahoma	(405) 521-4616 (405) 990-5048

Reporting Requirements:

Type: Spill damaging wildlife.

Verbal: Immediately. The verbal report should contain the following:

Written: As requested by the agency.

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY	
Oklahoma Department of Environmental Quality P.O. Box 1677 Oklahoma City Oklahoma	(405) 702-6203 (24 Hr.) (800) 522-0206 (24 Hr.)

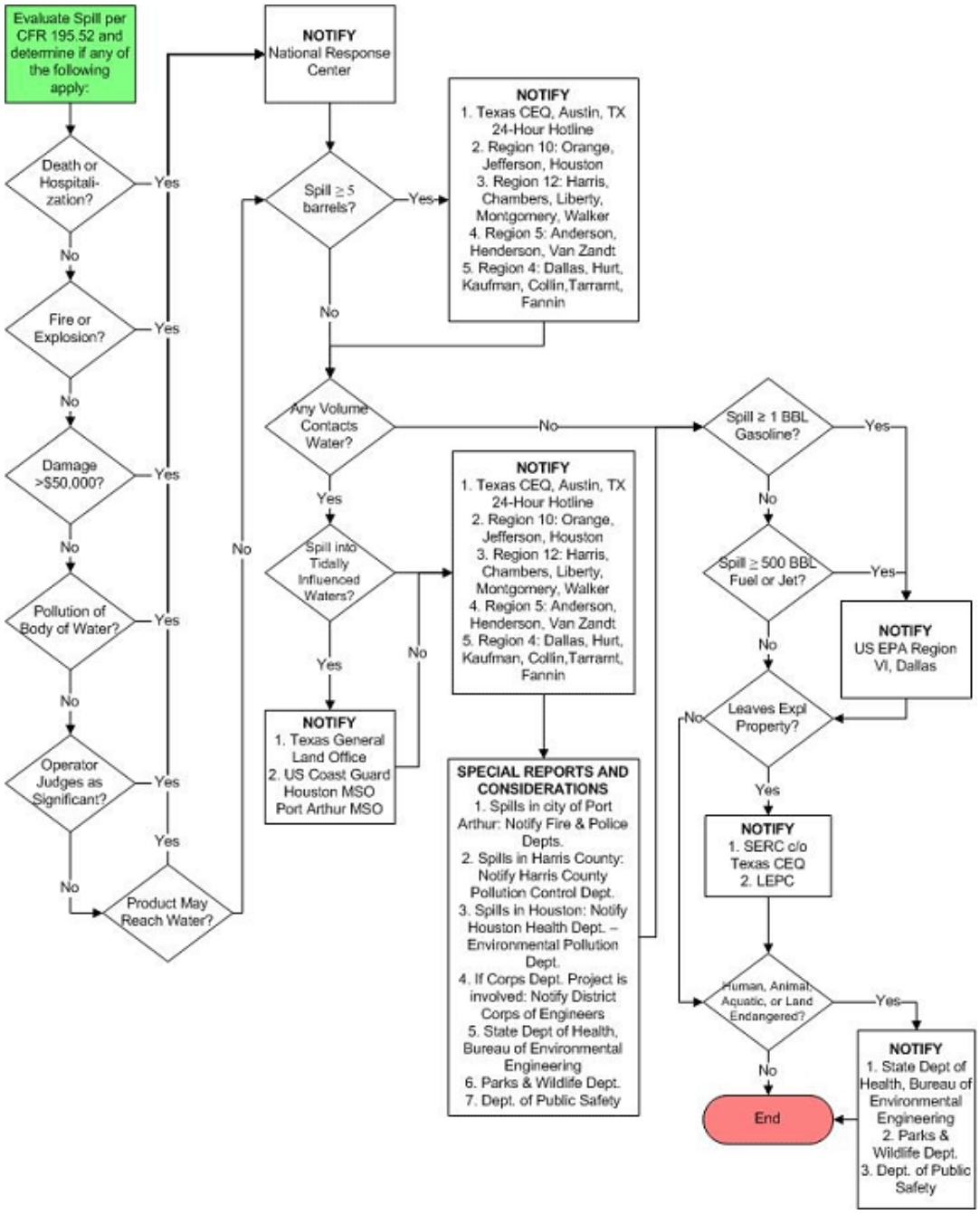
Reporting Requirements:

Type: Any oil discharge that has impacted waters of the state or release of a hazardous substance in an amount equal to or greater than the reportable quantity.

Verbal: Immediately.

Written: A follow-up report shall be made to the Department within 10 days after the discharge is first reported. A copy of Form PHMSA F 7000-1 (included in this section) submitted to DOT/PHMSA will suffice. Written reports should contain the following:

Texas



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Texas

TEXAS EMERGENCY RESPONSE CENTER (TERC)	
Texas Commission on Environmental Quality Austin Texas	(800) 832-8224 (800) 832-8224
Reporting Requirements: Type: [REPORTABLE VOLUME: 5 Barrels] All spills of petroleum products into waters of the state and discharges onto land that meet or exceed 210 gallons/5 barrels or exceed a RQ. Verbal: Immediately Written: As the agency may request depending on circumstances. [STATE CITATION: 30 TAC 327.4(b)]	
TEXAS GENERAL LAND OFFICE	
Oil Spill Program 1700 N. Congress Ave. Austin Texas	(512) 475-1575 (800) 832-8224 (Alternate)
Reporting Requirements: Type: Any unauthorized discharge or threat of discharge into the coastal environment. Verbal: Within one (1) hour of discovery. Written: Within sixty (60) days after the response actions have been declared complete.	

FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

DIAL 911 for all Police, Fire, and Ambulance Emergencies

USCG CLASSIFIED OIL SPILL REMOVAL ORGANIZATIONS (OSRO)		
COMPANY	**LOCATION**	**TELEPHONE**
Clean Harbors Environmental	Norwell, Massachusetts	(800) 645-8265
Heritage Environmental Services, Inc.	Bellefontaine (St. Louis) , Missouri	(800) 487-7455 (24 Hr.)
Acme Products	Tulsa 74115, Oklahoma	(918) 836-7184
SWS Environmental Services	Panama City Beach,FL, Texas	(877) 742-4215
Garner Environmental Services, Inc.	Deer Park, Texas	(281) 930-1200 (24 Hr.)

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS

Texas

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Anderson County		
Elkhart Volunteer Fire Department	Elkhart, TX, Texas	(903) 764-2161
Tennessee Colony Volunteer Fire Department	Tennessee Colony, Texas	
Brazos County		
Brazos County Fire Department		(979) 361-4100
Brazos County LEPC		(979) 361-4141
Brazos County Sheriff Department	Bryan, Texas	(979) 361-4100
Bryan Fire Department	Bryan, Texas	(979) 209-5970
Bryan Police Department	Bryan, Texas	(979) 209-5301
College Station Fire Department	College Station , Texas	(979) 764-3700
Highway Patrol Bryan	Bryan, Texas	(979) 797-3101 (979) 776-3113
Chambers County		
Local Emergency Planning Committee (LEPC) - Chambers County	Anahuac, Texas	(409) 267-8343
Mont Belvieu/Barbers Hill Volunteer Fire Department	Mont Belvieu, Texas	(281) 576-2021
Local Emergency Planning Committee (LEPC)	Anahuac, TX, Texas	(409) 267-8343
Mont Belvieu Police Department	Mont Belvieu, TX, Texas	(281) 576-2417
Anahuac Volunteer Fire Department	Anahuac, Texas	(409) 267-8318
Winnie Stowell Fire Department	Winnie, Texas	(409) 296-4133
Bayside Community Hospital	Anahuac, Texas	(409) 267-3143 (409) 267-3143
Chambers County Sheriff's Department	Anahuac, Texas	(409) 267-8318
Eagle Medical Transport	Mont Belvieu, Texas	(877) 400-0367 (832) 208-3180
Highland Volunteer Fire Department	Highland, Texas	(281) 843-2466 (281) 843-2466
Kankamere Volunteer Fire Department	Hankamer, Texas	(409) 374-2736
Winnie Community Hospital	Winnie, Texas	(409) 296-6000 (409) 296-6000
Grimes County		
Grimes County LEPC		(936) 873-2151
Grimes County Sheriff Department		(936) 873-2151
Navasota Volunteer Fire Department	Navasota, Texas	(936) 825-3368
Grimes St. Joseph Health Center	Navasota, Texas	(936) 825-6444
South Brazos City Fire Department	Navasota, Texas	(936) 825-6960
Harris County		
Atascocita Volunteer Fire Department – Fire and Medical Alarm Only	Atascocita, Texas	(281) 852-2233
Baytown Fire Department	Baytown, Texas	(281) 427-8511
Baytown Police Department	Baytown, Texas	(281) 422-8371
City of Houston - Fire Alarm Only	Houston, TX, Texas	(713) 227-2323
Pasadena Police Department	Pasadena, TX, Texas	(713) 477-1221

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Harris County Sheriff's Department	Houston, Texas	(713) 221-6000
Tomball Fire Department	Tomball, Texas	(281) 255-2411
Tomball Regional Hospital	Tomball, Texas	(281) 351-1623
Baycoast Medical Center	Baytown, Texas	(281) 420-6100 (281) 420-6100
East Houston Medical Center	Houston, Texas	(713) 393-2118 (713) 393-2000
Highway Patrol Houston	Houston, Texas	(281) 517-1300 (281) 517-1220
Houston Police Department	Houston, Texas	(281) 471-4797 (713) 453-6959
Kingwood Medical Center	Kingwood, Texas	(281) 348-8560 (281) 348-8000
Southwest Regional EMS	Houston, Texas	(281) 820-3900
Local Emergency Planning Committee (LEPC) - Harris County	Houston, TX, Texas	(713) 884-4227
Northeast Medical Center Hospital	Humble, TX, Texas	(281) 540-7700
Pasadena Fire Department	Pasadena, TX, Texas	(713) 477-1122
Sheldon Volunteer Fire Department	Houston, TX, Texas	(281) 456-9166
Bayshore Hospital	Pasadena, Texas	(713) 359-1440 (713) 359-2000
Beach City Volunteer Ambulance	Baytown, Texas	(821) 573-1196
Harris County Homeland Security and Emergency Management	Houston, TX, Texas	(713) 881-3100
Harris County Public Health and Environmental Services	Houston, TX, Texas	(713) 920-2831
Houston Mid Town Police Department	Houston, Texas	(713) 222-3131
Humble City Police Department	Humble, TX, Texas	(281) 466-7127
Humble Fire Department	Humble, TX, Texas	(281) 446-2211
Jacinto City Police Department	Houston, TX, Texas	(713) 672-2455
Crosby Fire Department	Crosby, TX, Texas	(281) 328-2300
Doctors Hospital East Loop	Houston, TX, Texas	(713) 675-3241
Eastex Freeway Volunteer Fire Department	Humble, TX, Texas	(281) 441-2244
Fire Marshall	Houston, TX, Texas	(281) 931-1085
Galena Park Fire Department	Galena Park, TX, Texas	(713) 674-5311
Galena Park Police Department	Galena Park, TX, Texas	(713) 675-3471
Houston County		
Houston County Sheriff's Department	Crockett, Texas	(936) 544-2862
Crockett Fire Department	Crockett, TX, Texas	(936) 544-2222
Crockett Police Department	Crockett, TX, Texas	(936) 544-2021
Grapeland Fire Department	Grapeland, TX, Texas	(936) 687-2222
Local Emergency Planning Committee (LEPC) - Houston County Texas	Crockett, Texas	(936) 544-5156
Slocum Fire Department	Crockett, TX, Texas	(936) 544-2222
Texas Division of Emergency Management	Austin, TX, Texas	(512) 424-2138
East Texas Medical Center	Crockett, Texas	(936) 545-4610 (936) 546-3862
Highway Patrol Lufkin	Lufkin, Texas	(936) 544-7050 (936) 699-7340
Jefferson County		
Port Arthur Fire Department	Port Arthur, Texas	(409) 983-8700
Jefferson County Sheriff's Department	Beaumont, Texas	(409) 835-8411
The Medical Center of Southeast Texas	Nederland, TX, Texas	(409) 727-2321
Fire Chief	Beaumont, TX, Texas	(409) 880-3901

Hamshire Volunteer Fire Department	Hamshire, TX, Texas	(409) 243-2311
Jefferson County Office of Emergency Management	Beaumont, TX, Texas	(409) 722-4371
St. Mary Hospital	Port Arthur, TX, Texas	(409) 985-7431
Highway Patrol Beaumont	Beaumont, Texas	(409) 924-5456 (409) 924-5400
Nederland Fire Department	Nederland, Texas	(409) 722-8262 (409) 723-1531
West Orange Fire Department	West Orange, Texas	(409) 883-2266 (409) 883-3468
Labelle Fannett Volunteer Fire Department	Beaumont, TX, Texas	(409) 796-1441
Local Emergency Planning Committee (LEPC)	Beaumont, TX, Texas	(409) 722-4371
Nederland Police Department	Nederland, TX, Texas	(409) 722-4965
Port Arthur Police Department	Port Arthur, TX, Texas	(409) 983-8600
Port Neches Fire Department	Port Neches, TX, Texas	(409) 722-5885
Port Neches Police Department	Port Neches, TX, Texas	(409) 722-1424
Liberty County		
Liberty County Sheriff's Department	Liberty, Texas	(936) 336-4500
Fire Marshall	Rye, TX, Texas	(936) 298-3359
Liberty County Emergency Management	Liberty, TX, Texas	(936) 336-4558
Liberty-Dayton Community Hospital	Liberty, TX, Texas	(409) 336-7316
Local Emergency Planning Committee (LEPC)	Liberty, TX, Texas	(936) 336-4558
Dayton Fire Department	Dayton, Texas	(936) 258-5323 (936) 258-5323
Dayton Police Department	Dayton, Texas	(936) 258-7621 (936) 258-7621
Liberty Fire Department	Liberty, Texas	(936) 336-3922 (936) 336-3922
Montgomery County		
Conroe Fire Department	Conroe, Texas	(936) 522-3080
Montgomery County Sheriff's Department 4	Magnolia, Texas	(936) 538-7864
Fire Marshall	Conroe, TX, Texas	(936) 538-8288
Local Emergency Planning Committee (LEPC)	Conroe, TX, Texas	(936) 760-5806
Magnolia Police Department		(281) 356-2500
Montgomery County Office of Emergency Management	Conroe, TX, Texas	(936) 760-5852
Heathrow Air Ambulance	Magnolia, Texas	(832) 934-2390
Highway Patrol Conroe	Conroe, Texas	(936) 442-2831 (936) 442-2822
magnolia Volunteer Fire Department	Magnolia, Texas	(281) 356-3288
Plantersville Stoneham Fire Department	Plantersville, Texas	(936) 894-9566 (936) 894-9566
ProTec Ambulance Service	Willis, Texas	(936) 856-8462
Oakridge North Police Department		(281) 292-4643
Montgomery County Sheriff's Department 1	Conroe, Texas	(936) 788-8371
Conroe Regional Medical Center	Conroe, Texas	(936) 539-7050 (936) 539-1111
Cut and Shoot Fire Department	Conroe, Texas	(936) 264-1313 (936) 264-1313
Cut and Shoot Police Department	Cut and Shoot, Texas	(936) 264-2173 (936) 264-2173
Grangerland Fire Department	Conroe, Texas	(936) 231-3527 (936) 231-3527
Orange County		

Bridge City Police Department	Bridge City, Texas	(409) 735-5332
Local Emergency Planning Committee (LEPC)	Orange, TX, Texas	(409) 886-6816
Memorial Hermann Baptist Hospital of Orange	Orange, TX, Texas	(409) 883-9361
Orange City Fire Department	Orange, TX, Texas	(409) 883-1050
Orange City Fire Marshall	Orange, TX, Texas	(409) 988-7360
Orange City Police Department	Orange, TX, Texas	(409) 883-1026
Orange County Office of Emergency Management	Orange, TX, Texas	(409) 882-7895
Orange County Sheriff's Department	Orange, TX, Texas	(409) 883-2612
West Orange Police Department	Orange, TX, Texas	(409) 883-7574
Bridge City Fire Department	Bridge City, Texas	(409) 735-3539 (409) 735-2419
Robertson County		
Bremond Police Department		(254) 746-7710
Calvert Police Department	Calvert, Texas	(979) 828-3299
Hearne Police Department	Hearne, Texas	(979) 279-5333
Robertson County Fire Department		(979) 828-3299
Robertson County LEPC		(979) 828-3542
Robertson County Sheriff Department		(979) 828-3299
Black Jack Volunteer Fire Station	Hearne, Texas	(979) 279-5881
Tarrant		
Tarrant County LEPC	Fort Worth, Texas	(817) 884-1804
Fort Worth Ambulance	Fort Worth, Texas	(817) 927-9620
Fort Worth Fire Department	Fort Worth, Texas	(817) 922-3000
Walker County		
Huntsville Fire Department	Huntsville, Texas	(936) 291-3047
Huntsville Police Department	Huntsville, TX, Texas	(936) 291-5444
Local Emergency Planning Committee (LEPC)	Huntsville, TX, Texas	(936) 436-4910
State Fire Marshall	Austin, TX, Texas	(512) 305-7900
Walker County Emergency Management	Huntsville, TX, Texas	(936) 435-2400
Walker County Sheriff's Department	Huntsville, Texas	(936) 435-2400
Huntsville Memorial Hospital	Huntsville, Texas	(936) 291-4583 (936) 291-3411
New Waverly Fire Department	New Waverly, Texas	(936) 344-6911 (936) 344-6911
Walker County EMS	Huntsville, Texas	(936) 295-4848

Name of Critical Information Sheet:	Trinity River – Old and Lost Rivers
Local Officials:	
Anahuac Fire Department	(409) 267-6620
Anahuac Fire Department	(409) 267-6620
Beaumont Highway Patrol	409-924-5456
Chambers County Emergency Management	(409) 267-6371
Chambers County Sheriff	(409) 267-8318
Parks and Wildlife Service	(517) 389-4800
Texas Department of Water Resources	(713) 460-0631
U.S. Coast Guard - Port Arthur	409-723-6500
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Greater Houston Channel Area, Harris County, TX
Local Officials:	
Channelview Fire Department	(281) 452-2954 / 452-2662
Channelview Highway Patrol	(713) 681-1761
Channelview Sheriff	(713) 221-6000
Galena Park Highway Patrol	(713) 681-1761
Galena Park Sheriff	(713) 221-6000
Houston Fire Department	(713) 227-2323
Houston Highway Patrol	(713) 681-1761
Houston Sheriff	(713) 221-6000
Jacinto City Fire Department	(281) 673-1771
Jacinto City Highway Patrol	(713) 681-1761
Jacinto City Sheriff	(713) 221-6000
Parks and Wildlife Service	(517) 389-4800
Pasadena Fire Department	(281) 477-1122
Pasadena Highway Patrol	(713) 681-1761
Pasadena Sheriff	(713) 221-6000
Sheldon Fire Department	(281) 456-9166
Sheldon Highway Patrol	(713) 681-2761
Sheldon Sheriff	(713) 221-6000
Texas Department of Water Resources	(713) 460-0631
U.S. Coast Guard - Port Arthur	409-723-6500
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Spring Creek to San Jacinto River
Local Officials:	
Atascocita Fire Department	(281) 852-2233
Atascocita Highway Patrol	(713) 681-1761

Atascocita Sheriff	(713) 221-6000
Eastex Freeway Fire Department	(281) 441-2244
Eastex Freeway Highway Patrol	(713) 681-1761
Eastex Freeway Sheriff	(713) 221-6000
Houston Fire Department	(713) 227-2323
Houston Highway Patrol	(713) 681-1761
Houston Sheriff	(713) 221-6000
Humble City Sheriff	(713) 221-6000
Humble Fire Department	(281) 446-2211
Humble Highway Patrol	(713) 681-1761
Lake Houston Anti-Pollution Control	(713) 880-2444
Lake Houston Water Pumping Station	(281) 456-9304
Parks and Wildlife Service	(517) 389-4800
Texas Department of Water Recourse	(713) 460-0631
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Trinity River
Local Officials:	
Crockett Fire Department	(409) 544-2222 (911)
Crockett Highway Patrol	(409) 544-2862
Crockett Sheriff	(409) 544-2862
Houston County Emergency Management , Crockett, TX	(409) 544-3255
Huntsville Fire Department	(409) 295-2323
Huntsville Highway Patrol	(409) 295-1577
Huntsville Sheriff	(409) 295-8154
Parks and Wildlife Service	(517) 389-4800
Texas Department of Water Recourse	(713) 460-0631
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Sabine River/Cow Bayou
Local Officials:	
Beaumont Highway Patrol	409-924-5456
Parks and Wildlife Service	(517) 389-4800
Texas Dept. of Water Resources	(409) 883-2973
U.S. Coast Guard - Port Arthur	409-723-6500
West Orange Fire Department	(409) 883-2266
West Orange Police	(409) 883-2612
Independent Contractors:	
Catastrophic Spill Contractors:	

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 2 GREENVILLE AREA

Oklahoma

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Atoka County		
County Sheriff	Atoka, OK, Oklahoma	(580) 889-2221
Fire Chief # rolls over to the FD	Atoka, OK, Oklahoma	(580) 889-2121
Local Emergency Planning Committee (LEPC)	Atoka, OK, Oklahoma	(580) 889-2221
Bryan County		
County Sheriff	Durrant, OK, Oklahoma	(580) 924-3000
Durant Fire Department	Durant, OK, Oklahoma	(580) 924-2358
Durant Police,Fire,& EMS Departments for Bryan County	Durant, OK, Oklahoma	(580) 924-3737
Local Emergency Planning Committee (LEPC)	Durrant, OK, Oklahoma	(580) 924-7222
Medical Center of Southeastern Oklahoma	Durant, OK, Oklahoma	(580) 924-3080
Oklahoma Office of Civil Emergency Management	Oklahoma City, OK, Oklahoma	(405) 521-2481
Coal County		
Coalgate Fire Department	Coalgate, OK, Oklahoma	(580) 927-3913
Coalgate Police Department	Coalgate, OK, Oklahoma	(580) 927-3913
County Sheriff	Coalgate, OK, Oklahoma	(580) 927-2121
Local Emergency Planning Committee (LEPC)	Coalgate, OK, Oklahoma	(580) 927-3913 58092739123911
Mary Hurly Hospital	Coalgate, OK, Oklahoma	(580) 927-2327
Oklahoma Office of Civil Emergency Management	Oklahoma City, OK, Oklahoma	(405) 521-2481
State Fire Marshall	Oklahoma City, OK, Oklahoma	(405) 522-5005 (405) 522-5011
Hughes County		
Allen Police Department	Allen, Oklahoma	(580) 857-2722
Pontotoc County		
City of Ada Fire Department	Ada, OK, Oklahoma	(580) 332-4466
County Sheriff	Ada, Oklahoma	(580) 332-4169
County Sheriff	Ada, OK, Oklahoma	(580) 332-4169
Fire Department	Ada, Oklahoma	(580) 436-8076
Local Emergency Planning Committee (LEPC)	Ada, OK, Oklahoma	(580) 332-4466
Pontotoc County Emergency Management(Gene Linton)	Ada, OK, Oklahoma	(580) 436-8015

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 2 GREENVILLE AREA

Texas

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Anderson County		
Anderson County Department of Emergency Management	Palestine, TX, Texas	(903) 723-7813
Athens Fire Department	Athens, TX, Texas	(903) 675-2231 (903) 677-6636
Athens Police Department	Athens, TX, Texas	(903) 675-5454
East Texas Medical Center – Athens	Athens, TX, Texas	(903) 675-2216
Fire Department – To Report a Fire	Palestine, TX, Texas	(903) 729-2254 (903) 729-7100
Anderson County Sheriff's Department	Palestine, Texas	(903) 729-6068 (903) 729-6068
Highway Patrol/Texas Rangers Palestine	Palestine, Texas	(903) 729-3124
Fire Marshall	Palestine, TX, Texas	(903) 731-8464
Local Emergency Planning Committee (LEPC) Anderson County	Palestine, Texas	(903) 723-7813
Palestine Police & Fire Department	Palestine, TX, Texas	(903) 729-2254
Palestine Regional Medical Center	Palestine, TX, Texas	(903) 731-1000
Texas Division of Emergency Management	Athens, TX, Texas	(512) 424-2138
Texas Rangers	Palestine, TX, Texas	(903) 661-5000
Chambers County		
State Fire Marshall	Austin, TX, Texas	(512) 305-7900
Collin County		
Baylor Richardson Medical Center	Richardson, TX, Texas	(972) 498-4000
Collin County Sheriff	McKinney, TX, Texas	(972) 547-5100 (972) 547-5350
Farmersville Fire Department	Farmersville, TX, Texas	(972) 782-6093
Farmersville Police Department	Farmersville, TX, Texas	(972) 782-6141
Collin Fire Marshall	McKinney, TX, Texas	(972) 548-5576
Lake Pointe Medical Center	Rowlett, TX, Texas	(972) 412-2273
Local Emergency Planning Committee (LEPC)	McKinney, TX, Texas	(214) 491-6840
Plano Police Department	Plano, TX, Texas	(972) 941-7900
Texas Division of Emergency Management	McKinney, TX, Texas	(512) 424-2138
Wylie Police/Fire & EMS Department	Wylie, TX, Texas	(972) 442-8171
Dallas County		
Baylor Medical Center at Irving	Irving, TX, Texas	(972) 579-8110
City of Irving Fire Department	Irving, TX, Texas	(972) 721-2308
City of Irving Non-Emergency Number	Irving, TX, Texas	(972) 721-2518
City of Richardson Fire Department	Dallas, TX, Texas	(972) 744-4800
County Sheriff	Dallas, TX, Texas	(214) 653-3450
Parkland Memorial Hospital	Dallas, TX, Texas	(214) 590-8000
RHD Memorial Medical Center	Farmers Branch, TX, Texas	(972) 247-1000
Rockwall Police Department	Rockwall, TX, Texas	(972) 771-7717
Town of Addison Fire	Addison, TX, Texas	(972) 233-1111
Fire Marshall	Dallas, TX, Texas	(214) 670-4319

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Lake Pointe Medical Center	Rowlett, TX, Texas	(972) 412-2273
Local Emergency Planning Committee (LEPC)	Dallas, TX, Texas	(214) 920-5990
Dallas County Office of Security and Emergency Management	Dallas, TX, Texas	(214) 653-7980
Fannin County		
Bonham Police, Fire, EMS Station	Bonham, TX, Texas	(903) 583-2141
County Sheriff	Bonham, TX, Texas	(903) 583-2143
Fannin County Emergency Management	Bonham, TX, Texas	(903) 640-8484
Leonard Police Department	Leonard, TX, Texas	(903) 587-2234
Local Emergency Planning Committee (LEPC)	Bonham, TX, Texas	(903) 640-8484
Northeast Medical Center	Bonham, TX, Texas	(903) 583-8585
State Fire Marshall	Austin, TX, Texas	(512) 305-7900
Henderson County		
County Sheriff	Athens, TX, Texas	(903) 675-9275
Fire Marshall	Athens, TX, Texas	(903) 675-6157
Highway Patrol	Athens, TX, Texas	(903) 675-4172
Local Emergency Planning Committee (LEPC)	Athens, TX, Texas	(903) 677-7242
Hunt County		
City of Caddo Mills Fire Department	Caddo Mills, TX, Texas	(903) 527-3333
City of Greenville Police Department	Greenville, TX, Texas	(903) 457-2900
County Sheriff	Greenville, TX, Texas	(903) 453-6800
Fire Marshall	Greenville, TX, Texas	(903) 408-4246 (903) 450-7001
Greenville Fire Station	Greenville, TX, Texas	(903) 457-2950
Hunt County Emergency Management	Greenville, TX, Texas	(903) 453-6800
Local Emergency Planning Committee (LEPC)	Greenville, Texas	(903) 408-4246
Hunt Regional Medical Center at Greenville	Greenville, TX, Texas	(903) 408-5000
Kaufman County		
Kaufman County Sheriff	Kaufman, Texas	(972) 932-4337
Fire Marshall	Kaufman, TX, Texas	(469) 376-4110
Local Emergency Planning Committee (LEPC)	Kaufman, TX, Texas	(972) 932-9696
Terrell Police Department	Terrell, TX, Texas	(972) 551-6622
Texas Division of Emergency Management	Austin, TX, Texas	(512) 424-2138
Tarrant County		
Baylor Medical Center	Grapevine, TX, Texas	(817) 488-7546
Coppell Police Department	Coppell, TX, Texas	(972) 304-3610
County Sheriff	Fort Worth, TX, Texas	(817) 884-3099
Fire Marshall	Fort Worth, TX, Texas	(817) 838-4660
Grapevine Police Department	Grapevine, TX, Texas	(817) 410-8127
Local Emergency Planning Committee (LEPC)	Fort Worth, TX, Texas	(817) 871-6171
RHD Memorial Medical Center	Farmers Branch, TX, Texas	(972) 247-1000
Southlake Department of Public Safety	Southlake, TX, Texas	(817) 481-2810
Texas Division of Emergency Management	Austin, TX, Texas	(512) 424-2138
Van Zandt County		
Canton Fire Department	Canton, TX, Texas	(903) 567-6477
Canton Police Department	Canton, TX, Texas	(903) 567-4991
City of Wills Point Ambulance and Fire Emergency Calls	Wills Point, TX, Texas	(903) 873-2222
County Sheriff	Canton, TX, Texas	(903) 567-4133
Cozby-Germany Hospital	Grand Saline, TX, Texas	(903) 962-4242
Local Emergency Planning Committee (LEPC)	Canton, TX, Texas	(903) 567-4133
Texas Division of Emergency Management	Austin, TX, Texas	(512) 424-2138
Wills Point Police Department	Wills Point, TX, Texas	(903) 873-2588

Name of Critical Information Sheet:	Palestine to Greenville
Local Officials:	
Henderson County Sheriff	(903) 675-5128
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Palestine to Greenville, Lake Tawakoni
Local Officials:	
Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Sabine River Authority	(903) 598-2216
Van Zandt County Sheriff	(903) 567-4133
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Palestine to Greenville Station, Terrell City Lake
Local Officials:	
Ables Spring WSC	
College Mounds WSC	
Elmo Water WSC	
Highpoint WSC	(903) 563-0696
Lawrence WSC	
North Kaufman	(903) 932-7614
Poetry WSC	(903) 222-8676
Rosehill WSC	(903) 932-7614
Sheriff of Kaufman County	(972) 932-4337
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Greenville to Durant Station, Red River
Local Officials:	
Army Corp of Engineers at Lake Texoma	(903) 465-4990
Irrigation Intake	(903) 966-2439
Irrigation Water Intake	(903) 732-5000
Lawrence WSC	
Sheriff of Bryan County	(405) 924-3000
Sheriff of Fannin County	(903) 583-2143
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Greenville to Jonel Creek, Lake Ray Hubbard
Local Officials:	
Dallas Water Operation or Mr. Strenger at Lake Ray Hubbard	(214) 670-8060
Sheriff of Hunt County	(903) 455-3502
Sheriff, Collin County	(972) 600-1023
T.U. Electric Power Plant,	(214) 812-8200
Independent Contractors:	
Driver Pipeline Excavating	(214) 638-7131
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Jones Creek to White Rock Creek, White Rock Lake
Local Officials:	
Dallas County Sheriff	(417) 345-2441
Dallas Fire Department	(214) 466-3333
Dallas Police Department	(214) 466-3333
Independent Contractors:	
Driver Pipeline Excavating	(214) 638-7131
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Trinity River
Local Officials:	
Coppell Police Department	(972) 323-5505
Dallas County Sheriff	(417) 345-2441
Tarrant County Sheriff	(817) 334-1315

Independent Contractors:	
Driver Pipeline Excavating	(214) 638-7131
Catastrophic Spill Contractors:	
Name of Critical Information Sheet:	Grapevine to Fort Worth
Local Officials:	
Colleyville Fire Department	(817) 281-3132
Colleyville Police Department	(817) 281-3132
Fort Worth Fire Department	(817) 871-6800
Fort Worth Police Department	(817) 335-4222
Halton City Fire Department	(817) 834-7321
Halton City Police Department	(817) 834-7321
Hurst Fire Department	(817) 788-7238
Hurst Police Department	(817) 788-7180
North Richland Hills Fire Department	(817) 581-5670
North Richland Hills Police Department	(817) 281-1000
Southlake Fire Department	(817) 488-7222
Southlake Police Department	(817) 481-5581
Independent Contractors:	
Catastrophic Spill Contractors:	
Name of Critical Information Sheet:	Lake Tawakoni
Local Officials:	
City of Dallas	(214) 670-8060
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Sabine River Authority	(903) 598-2216
Van Zandt County Sheriff	(903) 567-4133
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	Palestine to Greenville
Local Officials:	
Henderson County Sheriff	(903) 675-5128
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133

Independent Contractors:	
Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	Caney Creek (b) (7)(F)
Local Officials:	
Henderson County Sheriff	(903) 675-5128
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	Clear Creek (b) (7)(F)
Local Officials:	
Henderson County Sheriff	(903) 675-5128
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	South Twin Creek (b) (7)(F)
Local Officials:	
Henderson County Sheriff	(903) 675-5128
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	Twin Creek (b) (7)(F)
Local Officials:	
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133
Independent Contractors:	

Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	Lacy Creek (b) (7)(F)
Local Officials:	
Kaufman County Sheriff	(972) 93204337
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	Cedar Creek (b) (7)(F)
Local Officials:	
Hunt County Sheriff	(903) 455-3502
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	Terrell City Lake (b) (7)(F)
Local Officials:	
City of Terrell Water Supply	(903) 563-2681
Highpoint WSC	(903) 563-0696
North Kaufman	(903) 932-7614
Poetry WSC	(903) 222-8676
Rosehill WSC	(903) 932-7614
Sheriff of Kaufman County	(972) 932-4337
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Name of Critical Information Sheet:	Greasy Creek (b) (7)(F)
Local Officials:	
Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337

Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134
Independent Contractors:	
Catastrophic Spill Contractors:	NA

Name of Critical Information Sheet:	South Fork Sabine River (b) (7)(F)
Local Officials:	
Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134
Independent Contractors:	
Catastrophic Spill Contractors:	NA

Name of Critical Information Sheet:	Bear Pen (b) (7)(F)
Local Officials:	
Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134
Independent Contractors:	
Catastrophic Spill Contractors:	NA

Name of Critical Information Sheet:	Brushy Creek (b) (7)(F)
Local Officials:	
Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216

West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134
Independent Contractors:	
Catastrophic Spill Contractors:	NA

Name of Critical Information Sheet:	Caddo Creek (b) (7)(F)
Local Officials:	
Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134
Independent Contractors:	
Catastrophic Spill Contractors:	NA

Name of Critical Information Sheet:	Elm Creek
Local Officials:	
Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134
Independent Contractors:	
Catastrophic Spill Contractors:	NA

Name of Critical Information Sheet:	East Caddo (b) (7)(F)
Local Officials:	
Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185

Wind Point	(903) 662-5134
Independent Contractors:	
Catastrophic Spill Contractors:	NA

Name of Critical Information Sheet:	Red River (b) (7)(F)
Local Officials:	
Army Corps. Of Engineers at Lake Texoma contact and request a shutdown of discharge into Red River	(903) 465-4990
Irrigation Intake, Woodlands Farm. Mgr.	(903) 966-2439
Irrigation Water IntakeIrrigation Water Intake, Clyde Claudell	(903) 732-5000
Sheriff of Bryan County, OK	(405) 924-3000
Sheriff of Fannin County, TX	(903) 583-2143
Independent Contractors:	
Catastrophic Spill Contractors:	NA

Name of Critical Information Sheet:	Lake Ray Hubbard (b) (7)(F)
Local Officials:	
Dallas Water Operation	(214) 226-5002
Mr. Strenger at Lake Ray Hubbard	(214) 670-8060
Sheriff of Collin County, TX	(972) 600-1023
Sheriff of Hunt County, TX	(903) 455-3502
T.U. Electric Power Plant, Lake Ray Hubbard	(214) 812-8200
Independent Contractors:	
Catastrophic Spill Contractors:	NA

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 3 GLENPOOL AREA

Missouri

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Dade County		
City of Greenfield Fire Department	Greenfield, Missouri	(417) 637-5344
County Sheriff	Greenfield, Missouri	(417) 637-5344
Dade County Emergency Management	Arcola, Missouri	(417) 840-8994 (417) 424-3239
Everton City and Rural Fire Department	Everton, Missouri	(417) 535-7711
Local Emergency Planning Committee (LEPC)	Arcola, Missouri	(417) 840-8994
St. John's Regional Health Center	Greenfield, Missouri	(417) 820-2000
Greene County		
Ash Grove Fire Protection District	Ash Grove, Missouri	(417) 880-7837
County Sheriff	Springfield, Missouri	(417) 868-4040
Local Emergency Planning Committee (LEPC)	Springfield, Missouri	(417) 869-6040
Springfield Fire Department	Springfield, Missouri	(417) 864-1138
Springfield Fire Department	Springfield, Missouri	(417) 874-1212 (417) 864-1500
Springfield Police Department	Springfield, Missouri	(417) 864-1810
Springfield-Greene County Office of Emergency Management	Springfield, Missouri	(417) 869-6040
Walnut Grove Fire Department	Walnut Grove, Missouri	(417) 788-2670
Walnut Grove Fire Department	Walnut Grove, Missouri	(417) 874-1212
Walnut Grove Police Department	Walnut Grove, Missouri	(417) 788-3040
Jasper County		
Carthage Police Department	Carthage, Missouri	(417) 237-7200
City of Jasper: Ambulance – Police – Fire	Carthage, Missouri	(417) 359-9100
County Sheriff	Carthage, Missouri	(417) 358-8177
Freeman Hospital	Joplin, Missouri	(417) 623-2801
Joplin Fire Department	Joplin, Missouri	(417) 624-0313 (417) 624-0820
Joplin Police Department	Joplin, Missouri	(417) 623-3131
Joplin/Jasper County Emergency Management	Joplin, Missouri	(417) 623-5858
Local Emergency Planning Committee (LEPC)	Carthage, Missouri	(417) 237-7102
McCune Brooks Hospital	Carthage, Missouri	(417) 358-8121
Sarcoxie Fire Department	Sarcoxie, Missouri	(417) 548-3500
Sarcoxie Police Station	Sarcoxie, Missouri	(417) 548-3500
Lawrence County		
Lawrence County Local Emergency Planning Committee (LEPC)	Monett, Missouri	(417) 235-0200
Mt. Vernon Fire Department	Mt. Vernon, Missouri	(417) 466-2131 (417) 461-0837
Mt. Vernon Police Department	Mt. Vernon, Missouri	(417) 466-2131
Newton County		
County Sheriff	Neosho, Missouri	(417) 451-8300
Local Emergency Planning Committee (LEPC)	Neosho, Missouri	(417) 451-8021
Neosho Fire Department	Neosho, Missouri	(417) 451-8021

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Polk County		
County Sheriff	Bolivar, Missouri	(417) 326-7684
Polk County Emergency Management	Bolivar, Missouri	(417) 328-0284

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 3 GLENPOOL AREA

Oklahoma

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Craig County		
Bluejacket Emergency Management	Bluejacket, Oklahoma	(918) 784-2382
County Sheriff	Vinita, Oklahoma	(918) 256-6466
Craig General Hospital	Vinita, Oklahoma	(918) 256-7551
Local Emergency Planning Committee (LEPC)	Vinita, Oklahoma	(918) 256-6466
Vinita Fire Department	Vinita, Oklahoma	(918) 256-2674
Vinita Fire Department	Vinita, Oklahoma	(918) 256-6414
Vinita Police Department	Vinita, Oklahoma	(918) 256-6414
Bluejacket Fire Department	Bluejacket, Oklahoma	(918) 784-2382
Creek County		
County Sheriff	Sapulpa, Oklahoma	(918) 227-6370
Local Emergency Planning Committee (LEPC)	Bristow, Oklahoma	(918) 367-9489
Sapulpa Emergency Management	Sapulpa, Oklahoma	(918) 224-3862
Sapulpa Fire Department	Sapulpa, Oklahoma	(918) 224-3359
Omni Medical Center	Sapulpa, Oklahoma	(918) 227-1000
Delaware County		
County Sheriff	Jay, Oklahoma	(918) 253-4531
Delaware County Emergency Management	Grove, Oklahoma	(918) 541-6911
Jay Fire Department	Jay, Oklahoma	(918) 253-4277
Local Emergency Planning Committee (LEPC)	Jay, Oklahoma	(918) 787-4357
Hughes County		
Allen Fire Department	Allen, Oklahoma	(580) 332-4168
City of Holdenville: To Report a Fire	Holdenville, Oklahoma	(405) 379-2121
County Sheriff	Holdenville, Oklahoma	(405) 379-2203
Holdenville City Police Department	Holdenville, Oklahoma	(405) 379-6627
Holdenville Fire Department	Holdenville, Oklahoma	(405) 379-2413
Holdenville General Hospital	Holdenville, Oklahoma	(405) 379-4200
Hughes County Emergency Management	Wetumka, Oklahoma	(405) 380-3209
Local Emergency Planning Committee (LEPC)	Wetumka, Oklahoma	(405) 380-3209
Valley View Regional Hospital	Allen, Oklahoma	(580) 332-2323
Wetumka General Hospital	Weleetka, Oklahoma	(405) 452-3276
Mayes County		
County Sheriff	Pryor, Oklahoma	(918) 825-3535
Local Emergency Planning Committee (LEPC)	Pryor, Oklahoma	(918) 825-4650
Mayes County Emergency Management	Pryor, Oklahoma	(877) 825-4650
Mayes County Medical Center	Pryor, Oklahoma	(918) 825-1600
Pryor Fire Department	Pryor, Oklahoma	(918) 825-1313
Pryor Police Department	Pryor, Oklahoma	(918) 825-1212
Okfuskee County		
County Sheriff	Okemah, Oklahoma	(918) 623-1122
Local Emergency Planning Committee (LEPC)	Okemah, Oklahoma	(918) 623-1234
Okfuskee County Emergency Management	Okemah, Oklahoma	(918) 623-9289
Weleetka Fire Department	Weleetka, Oklahoma	(405) 786-2274

Weleetka Police Department	Weleetka, Oklahoma	(405) 786-2274
Okemah Police Department	Okemah, Oklahoma	(918) 623-1234
Okmulgee County		
Beggs City Fire Department	Beggs, Oklahoma	(918) 267-4935
Beggs City Police Department	Beggs, Oklahoma	(918) 267-4935
Beggs Fire Department	Beggs, Oklahoma	(918) 267-4935
County Sheriff	Okmulgee, Oklahoma	(918) 756-4311
Fire Department Emergency	Okmulgee, Oklahoma	(918) 756-1313
Henryetta Police Department	Henryetta, Oklahoma	(918) 652-3106
Local Emergency Planning Committee (LEPC)	Okmulgee, Oklahoma	(918) 756-4311 (918) 759-2235
Okmulgee County Emergency Management	Okmulgee, Oklahoma	(918) 759-9984
Okmulgee Fire Department	Okmulgee, Oklahoma	(918) 756-1313
Okmulgee Memorial Hospital	Okmulgee, Oklahoma	(918) 756-4233
Okmulgee Memorial Hospital	Beggs, Oklahoma	(918) 756-4238
Okmulgee Police Department Administration	Okmulgee, Oklahoma	(918) 756-3511
Ottawa County		
County Sheriff	Miami, Oklahoma	(918) 542-2806
Local Emergency Planning Committee (LEPC)	Miami, Oklahoma	(918) 542-6685
Miami Emergency Management	Miami, Oklahoma	(918) 541-2275 (918) 541-2247
Miami Fire Department	Miami, Oklahoma	(918) 542-4164
Rogers County		
Claremore Fire Department	Claremore, Oklahoma	(918) 341-0200
Claremore Fire Department	Claremore, Oklahoma	(918) 341-1212
Claremore Police Department	Claremore, Oklahoma	(918) 341-1212
Claremore Regional Hospital	Claremore, Oklahoma	(918) 341-2556
Claremore/Rogers County Emergency Management	Claremore, Oklahoma	(918) 341-4233
County Sheriff	Claremore, Oklahoma	(918) 341-3535
Local Emergency Planning Committee (LEPC)	Claremore, Oklahoma	(918) 341-2060
Tulsa County		
Broken Arrow Fire Department	Broken Arrow, Oklahoma	(918) 259-8400
Broken Arrow Medical Center: St. Francis Hospital	Broken Arrow, Oklahoma	(918) 455-3535
Broken Arrow Police Department	Broken Arrow, Oklahoma	(918) 259-8400
Glenpool Fire Department	Glenpool, Oklahoma	(918) 322-8110
Glenpool Police Department	Glenpool, Oklahoma	(918) 322-8110
Local Emergency Planning Committee (LEPC)	Tulsa, Oklahoma	(918) 628-0651
Tulsa Police Department - Non Emergency #	Tulsa, Oklahoma	(918) 596-9222
Jenks Police Department	Jenks, Oklahoma	(918) 299-6311
Jenks Fire Department	Jenks, Oklahoma	(918) 298-1491
Southcrest Hospital	Glenpool, Oklahoma	(918) 294-4000
St. Francis Hospital	Tulsa, Oklahoma	(918) 494-2200
Tulsa City/County Area Emergency Management	Tulsa, Oklahoma	(918) 596-9890
Tulsa County Sheriff	Tulsa, Oklahoma	(918) 596-9222
Tulsa Fire Department	Tulsa, Oklahoma	(918) 596-9222
Tulsa Fire Department	Tulsa, Oklahoma	(918) 596-9444
Wagoner County		
Local Emergency Planning Committee (LEPC)	Coweta, Oklahoma	(918) 485-2132
Wagoner County Emergency Management	Porter, Oklahoma	(918) 521-4007
Wagoner County Sheriff	Wagoner, Oklahoma	(918) 485-3124
Wagoner Fire Department	Wagoner, Oklahoma	(918) 485-8082

Coweta City Emergency Management	Coweta, Oklahoma	(918) 688-0892

Name of Critical Information Sheet:	Durant to Holdenville Station, South Canadian River
Local Officials:	
Corp. of Engineers Office of Dam Site	(918) 484-5135
Hughes County Health Department	(405) 379-3313
Hughes County Sheriff	(405) 379-2203
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Holdenville Station to Glenpool, North Canadian River
Local Officials:	
Corp. of Engineers Office at Dam Site Lake Eufaula	(918) 484-5135
Hughes County Health Department	(405) 379-3313
Hughes County Sheriff	(405) 379-2203
Okmulgee County Health Department	(918) 756-1883
Okmulgee County Sheriff	(918) 756-4311
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Glenpool Station to Vinita Station
Local Officials:	
Corp. of Engineers, Tulsa	(918) 669-7366
Tulsa County Health Department	(918) 582-9355
Jenks Police	(918) 299-6311
Tulsa County Sheriff	(918) 596-9222
Tulsa Police	(918) 596-2100
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Glenpool to Vinita Station, Verdigris River.
Local Officials:	
Lock and Dam #15	(918) 775-2091
Lock and Dam #16	(918) 489-5987
Lock and Dam #17	(918) 687-4501
Lock and Dam #18	(918) 543-2216

Port of Catoosa	(918) 266-2291
Rogers County Sheriff	(918) 341-3535
Sheriff of Wagoner County	(918) 485-3124
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Glenpool to Vinita Station, Lake Hudson
Local Officials:	
Grand River Dam Authority Lake Patrol	(918) 782-9594
Sheriff, Mayes County	(918) 825-3535
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Vinita to Mt. Vernon Station, Grand Lake
Local Officials:	
Lake Patrol	(918) 782-9594
Ottawa County Environmental Office	(918) 540-2481
Ottawa County Sheriff	(918) 542-2806
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Vinita to Mt. Vernon, Shoal Creek
Local Officials:	
Department of Natural Resources for State of Missouri	(573) 751-8330
Joplin Water Department - 24 hours	(800) 256-6426
Lawrence County LEPC	(417) 235-0200
Newton County Sheriff	(417) 451-8300
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Mt. Vernon to Springfield

Local Officials:	
Greene County LEPC	(417) 869-6040
Greene County Sheriff	(417) 868-4040
Lawrence County LEPC	(417) 235-0200
Missouri Highway Patrol	(417) 895-6868
Polk County Sheriff of	(417) 326-7684
Dallas County Local Emergency Planning Committe	(417) 345-7800
Independent Contractors:	
Geeding Construction	(636) 528-5863
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Holdenville Station to Glenpool Station
Local Officials:	
Corp. of Engineers Office at Dam Site	(918) 484-5135
Okmulgee County Health Department	(918) 756-1883
Okmulgee County Sheriff	(918) 756-4311
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 4 WOOD RIVER AREA

Illinois

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Christian County		
Christian County ESDA	Taylorville, Illinois	(217) 824-5421
County Sheriff	Taylorville, Illinois	(217) 824-4961
IL State Police District 9	Springfield, IL, Illinois	(217) 786-7107
Morrisonville Palmer Fire Protection District	Morrisonville, Illinois	(217) 526-4554
Stonington Fire Protection District	Stonington, Illinois	(217) 325-4011
Taylorville Fire Department	Taylorville, Illinois	(217) 824-2295
Taylorville Memorial Hospital	Taylorville, Illinois	(217) 824-3331
Taylorville Police Department	Taylorville, Illinois	(217) 824-2211
Macoupin County		
County Sheriff	Carlinville, Illinois	(217) 854-3135
Gillespie Police and Fire Department	Gillespie, Illinois	(217) 839-2922
Illinois State Police District 18	Litchfield, IL, Illinois	(217) 324-4900
Macoupin County ESDA	Carlinville, Illinois	(217) 854-3352
Dorchester Fire Department	Dorchester, Illinois	(217) 839-4211
Gillespie Benald Ambulance District	Gillespie, Illinois	(217) 839-2922
Illinois Emergency Management Agency Region 8	Collinsville, Illinois	(618) 344-1024
Madison county		
Alton Memorial Hospital	Roxana, Illinois	(618) 463-7311
Granite City Fire Department	Granite City, Illinois	(618) 876-4545
Granite City Police Department	Granite City, Illinois	(618) 876-1064
Hartford Fire Department	Hartford, Illinois	(618) 254-0012
Hartford Village Police Department	Hartford, Illinois	(618) 254-4393
Illinois State Police District 11	Collinsville, IL, Illinois	(618) 346-3990
Illinois Emergency Management Agency Region 8	Collinsville, Illinois	(618) 344-1024
Illinois American Water	East St. Louis, Illinois	(618) 874-2402 (800) 422-2782
Illinois American Water Company	Granite City, Illinois	(618) 877-8622 (800) 422-2782
Roxana Fire Department	Roxana, Illinois	(618) 254-8293
Roxana Police Department	Roxana, Illinois	(618) 254-2228
South Roxana Village Fire Department	South Roxana, Illinois	(618) 254-1088
South Roxana Village Police Department	S. Roxanna, Illinois	(618) 254-7469
Venice Fire Department	Venice, Illinois	(618) 877-4232
Venice Police Department	Venice, Illinois	(618) 877-2114
Madison County ESDA	Edwardsville, Illinois	(618) 692-0537
Meadowbrook Village Fire Department	Bethalto, Illinois	(618) 377-8474
Prairietown Fire Department	Worden, Illinois	(618) 888-2436
Rosewood Heights Fire Department	East Alton, Illinois	(618) 259-3311
Roxana Fire Department	Roxana, Illinois	(618) 254-4308
Montgomery County		

County Sheriff	Hillsboro, Illinois	(217) 532-9511
Litchfield Fire Department	Litchfield, Illinois	(217) 324-4042
Litchfield Police Department	Litchfield, Illinois	(217) 324-5991
Montgomery County Health Department – Environmental Health	Hillsboro, Illinois	(217) 532-2001
Montgomery County LEPC	Hillsboro, Illinois	(217) 532-9560
Raymond-Harvel Fire Department	Raymond, Illinois	(217) 229-4549
St. Francis Hospital	Litchfield, Illinois	(217) 324-2191
Illinois Emergency Management Agency Region 8	Collinsville, Illinois	(618) 394-2233
St. Clair County		
IL State Police District 11	Collinsville, Illinois	(618) 346-3990
Brooklyn Volunteer Fire Department	Brooklyn, Illinois	(618) 271-8424
Cahokia Volunteer Fire Department	Cahokia, Illinois	(618) 337-5080
East St. Louis Fire Department	East St. Louis, Illinois	(618) 482-6868
Sauget Fire Department	Sauget, Illinois	(618) 332-6700
Cahokia Police Department	Cahokia, Illinois	(618) 337-9505
Brooklyn Police Department	Brooklyn, Illinois	(618) 874-8204
East St. Louis Police	East St. Louis, Illinois	(618) 482-6700
Illinois Emergency Management Agency Region 8	Collinsville, Illinois	(618) 344-1024

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 4 WOOD RIVER AREA

Missouri

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
City of St. Louis Water Division	St. Louis, Missouri	(314) 592-8226 (314) 592-8200
Camden County		
Camdenton Fire Department	Camdenton, Missouri	(573) 346-6260
County Sheriff	Camdenton, Missouri	(573) 346-2243
Camden Co. Local Emergency Planning Committee (LEPC)	Camdenton, Missouri	(573) 346-7108 (573) 692-6256
Tri County Fire and Rescue	Richland, Missouri	(573) 512-0066
Dallas County		
Citizens Memorial Healthcare		(417) 326-6000
Dallas Co. Local Emergency Planning Committee (LEPC)	Buffalo, Missouri	(417) 840-8640
Southern Dallas County Fire Protection District	Buffalo, Missouri	(417) 345-6060
Franklin County		
Beaufort-Leslie Fire Protection District	Beaufort, Missouri	(573) 484-3333
Boles Fire Protection District	Labadie, Missouri	(636) 742-2515
County Sheriff	Union, Missouri	(636) 583-2560
Franklin Co. Local Emergency Planning Committee (LEPC)	Union, Missouri	(636) 583-2567
Mcauley Clinic	Union, Missouri	(636) 239-8000
Union Fire Department	Union, Missouri	(636) 583-2515
Washington Fire Department	Washington, Missouri	(636) 390-1020
Washington Police Department	Washington, Missouri	(636) 390-1050
Gasconade County		
Bland Fire Protection District	Bland, Missouri	(573) 646-3244
County Sheriff	Hermann, Missouri	(573) 486-2424
Owensville Fire Department	Owensville, Missouri	(573) 437-2195
Owensville Police Department	Owensville, Missouri	(573) 437-2195
Gasconade Co. Local Emergency Planning Commission	St. James, Missouri	(573) 437-7770
Laclede County		
Bennet Spring Fire Protection District	Lebanon, Missouri	(417) 588-9833
County Sheriff	Lebanon, Missouri	(417) 532-2311
Lebanon Fire Department	Lebanon, Missouri	(417) 532-2104
Lebanon Police Department	Lebanon, Missouri	(417) 532-3131
Lebanon Rural Fire District	Lebanon, Missouri	(417) 532-7678
Laclede Co. Local Emergency Planning Committee (LEPC)	Lebanon, Missouri	(417) 532-6992
St. John's Hospital	Stoutland, Missouri	(417) 533-6100
Stoutland Volunteer Fire Department	Stoutland, Missouri	(417) 588-7004
Maries County		
County Sheriff	Vienna, Missouri	(573) 422-3381
Emergency Medical Services	Vichy, Missouri	(573) 364-3100

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Maries Co. Local Emergency Planning Committee (LEPC)	St. James, Missouri	(573) 263-0566
Vichy VFPA	Vichy, Missouri	(573) 299-4611
Osage County		
Missouri State Emergency Management Agency	Jefferson City, Missouri	(573)-634-2436
Polk County		
Bolivar Fire Department	Bolivar, Missouri	(417) 326-2489
Citizens Memorial Healthcare	Pleasant Hope, Missouri	(417) 326-6000
County Sheriff	Bolivar, Missouri	(417) 326-7684
Polk Co. Local Emergency Planning Committee (LEPC)	Bolivar, Missouri	(417) 327-3721
Pleasant Hope Police Department	Pleasant Hope, Missouri	(417) 267-5027
Pulaski County		
County Sheriff	Waynesville, Missouri	(573) 774-6196
Crocker Fire Protection District	Crocker, Missouri	(573) 736-2733
Crocker Police Department	Crocker, Missouri	(573) 736-2211
Dixon Rural Fire Protection District	Dixon, Missouri	(573) 759-6315
Pulaski Co. Local Emergency Planning Committee (LEPC)	Waynesville, Missouri	(573) 774-7393
Pulaski County Emergency Management	Waynesville, Missouri	(573) 528-2266
St. Charles County		
Augusta Fire District	Augusta, Missouri	(636) 987-2411
Central County Fire and Rescue	St. Peters, Missouri	(636) 970-9700
City of St. Charles Police Department	St. Charles, Missouri	(636) 949-3300
Cottleville Fire Department	St. Charles, Missouri	(636) 447-6655
County Sheriff	St. Charles, Missouri	(636) 949-0809
St. Charles Co. Local Emergency Planning Committee (LEPC)	St. Charles, Missouri	(636) 949-3023
Orchard Farm Fire Protection District	St. Charles, Missouri	(636) 258-3166
Rivers Point FPD	West Alton, Missouri	(636) 899-1122
SSM St. Joseph Hospital	St. Charles, Missouri	(636) 947-5000
St. Peters Police Department	St. Peters, Missouri	(636) 278-2222
Confluence State Park	West Alton, Missouri	(573) 634-2436 (314) 807-1511
St. Louis City		
St. Louis Local Emergency Response Commission	St. Louis, Missouri	(314) 613-7232 (314) 691-7381
St. Louis Fire Department	St. Louis, Missouri	(314) 533-3406

Name of Critical Information Sheet:	Springfield to Lebanon (1 of 2)
Local Officials:	
Buffalo Fire Department	(417) 345-7100
Dallas County, MO Sheriff	(417) 345-2441
Missouri Highway Patrol	(417) 895-6868
Dallas County Local Emergency Planning Committe	(417) 345-7800
Independent Contractors:	
Geeding Construction	(636) 528-5863
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Springfield to Lebanon (2 of 2)
Local Officials:	
Bennett Springs Volunteer Fire Department	(417) 532-2311
Dallas County Sheriff	(417) 345-2441
Laclede County Sheriff	(417) 532-2311
Missouri Highway Patrol	(417) 895-6868
Independent Contractors:	
Geeding Construction	(636) 528-5863
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Lebanon to Rolla
Local Officials:	
City of Crocker Police Department	(573) 736-2211
Crocker Fire Department	(573) 736-2244
Missouri Highway Patrol	(417) 895-6868
Pulaski County Sheriff	(573) 774-6196
Independent Contractors:	
Geeding Construction	(636) 528-5863
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Rolla to Gerald
Local Officials:	
Maries County Sheriff	(314) 422-3381
Vichy Fire Department	(573) 299-4646
Dallas County Local Emergency Planning Committe	(417) 345-7800

Independent Contractors:	
Geeding Construction	(636) 528-5863
Missouri Highway Patrol	(314) 895-6868
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Gerald to Weldon Springs
Local Officials:	
Franklin County Sheriff	(636) 583-2560
Missouri Highway Patrol	(417) 895-6868
St. Charles County Fire Department	(314) 978-3900
St. Charles County Sheriff	(636) 949-0809
U.S. Coast Guard St. Louis	(866) 360-3386
Boles Fire Department	(636) 742-2515
Dallas County Local Emergency Planning Committe	(417) 345-7800
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Weldon Springs to Wood River (1 of 2)
Local Officials:	
Missouri Highway Patrol	(417) 895-6868
St. Charles County Emergency	(314) 947-2666
St. Charles County Fire Department	(314) 978-3900
St. Charles County Sheriff	(636) 949-0809
St. Charles Police Department	(314) 978-3900
St. Peters Police Department	(314) 278-2222
Independent Contractors:	Use any and all listed under Wood River area.
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Weldon Springs to Wood River (2 of 2)
Local Officials:	
Illinois Highway Patrol District 11	(618) 346-3990
Madison County, IL Sheriff	(618) 692-4433
St. Charles County Sheriff	(636) 949-0809
U.S. Coast Guard St. Louis	(866) 360-3386
Independent Contractors:	Use any and all listed under Wood River area.
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	14“ Local Line Wood River to E. St. Louis and St. Louis

	Meter Station.
Local Officials:	
Illinois State Police District 11	(618) 346-3990
Madison County Sheriff (MP-0.0 to 14.0)	(618) 692-4433
St. Clair	(618) 277-3012
St. Clair County Sheriff (MP-0.0 to 21.9)	(618) 277-3500
U.S. Coast Guard St. Louis	(866) 360-3386
Independent Contractors:	
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Wood River to Litchfield
Local Officials:	
Illinois State Police District 11	(618) 346-3990
Madison County, IL Sheriff	(618) 692-4433
Independent Contractors:	Use any and all listed under Wood River area.
Catastrophic Spill Contractors:	

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 5 HAMMOND AREA

Illinois

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Christian County		
Christian County Emergency Services & Disaster Agency	Taylorville, Illinois	(217) 824-5421
County Sheriff	Taylorville, Illinois	(217) 824-4961
Local Emergency Planning Committee (LEPC)	Taylorville, Illinois	(217) 824-5421
Stonington Fire Protection District	Stonington, Illinois	(217) 325-4011
Taylorville Fire Department	Taylorville, Illinois	(217) 824-2295
Dewitt County		
Clinton Fire Department	Clinton, Illinois	(217) 935-3196
Clinton Fire Department	Clinton, Illinois	(217) 935-3712
County Sheriff	Clinton, Illinois	(217) 935-6718
Dewitt County Sheriff	Clinton, Illinois	(217) 935-3196
Dr. John Warner Hospital	Clinton, Illinois	(217) 935-9571
Farmer City Fire Department	Farmer City, Illinois	(309) 928-2111
Local Emergency Planning Committee (LEPC)	Clinton, Illinois	(217) 935-9596
Provena Covenant Medical Center Emergency Department	Farmer City, Illinois	(217) 337-2131
Ford County		
County Sheriff	Paxton, Illinois	(217) 379-2324
Ford County Emergency Services & Disaster Agency	Paxton, Illinois	(217) 379-2324
Gibson Area Hospital and Health Service	Saybrook, Illinois	(217) 784-4251
Gibson City Fire Department	Paxton, Illinois	(217) 784-4221 (217) 379-2324
Gibson City Fire Protection District	Gibson City, Illinois	(217) 784-8666 (217) 784-4221
Gibson City Police Department	Gibson City, Illinois	(217) 784-8666
Local Emergency Planning Committee (LEPC)	Paxton, Illinois	(217) 379-2324
Piper City Fire Department	Piper City, Illinois	(815) 686-9014
Village of Piper City Police	Piper City, Illinois	(815) 686-9014
Iroquois County		
County Sheriff	Watseka, Illinois	(815) 432-6992
Iroquois County Emergency Services & Disaster Agency	Watseka, Illinois	(815) 432-6997
Local Emergency Planning Committee (LEPC)	Watseka, Illinois	(815) 867-6667
Kankakee County		
County Sheriff	Kankakee, Illinois	(815) 933-3324
Kankakee City Fire Department	Kankakee, Illinois	(815) 933-0460
Kankakee County Emergency Services & Disaster Agency	Kankakee, Illinois	(815) 802-7174
Kankakee Fire Department	Kankakee, Illinois	(815) 933-3324
Kankakee Police Department	Kankakee, Illinois	(815) 933-3324
Local Emergency Planning Committee (LEPC)	Kankakee, Illinois	(815) 937-3929
Manteno Fire Department	Manteno, Illinois	(815) 933-3324

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Manteno Village Police Department	Manteno, Illinois	(815) 933-3324
Provena St. Mary's Hospital	Manteno, Illinois	(815) 468-1000
Provena St. Mary's Hospital	Kankakee, Illinois	(815) 937-2490
Livingston County		
Chatsworth Fire Protection District	Chatsworth, Illinois	(815) 844-7171
Chatsworth Police Department	Chatsworth, Illinois	(815) 844-7171
County Sheriff	Pontiac, Illinois	(815) 844-2774 (815) 844-7171
Livingston County Emergency Services & Disaster Agency	Pontiac, Illinois	(815) 844-7741
Local Emergency Planning Committee (LEPC)	Pontiac, Illinois	(815) 844-7741
Piper City Fire Department	Chatsworth, Illinois	(815) 686-9014
St. James Hospital	Chatsworth, Illinois	(815) 842-4591
Macon County		
Argenta Fire Department	Argenta, Illinois	(217) 795-4713
Blue Mound Fire Department	Blue Mound, Illinois	(217) 692-2929
Blue Mound Police Department	Blue Mound, Illinois	(217) 692-2711
City of Elwin Police	Decatur, Illinois	(217) 424-1311
County Sheriff	Decatur, Illinois	(217) 424-1321
Decatur Memorial Hospital	Warrensburg, Illinois	(217) 876-3000
Maroa Countryside Fire Protection District	Maroa, Illinois	(217) 794-3375
Southshore Medical Center	Decatur, Illinois	(217) 428-4180
Warrensburg Fire Department	Warrensburg, Illinois	(217) 672-3741
Decatur Memorial Hospital	Decatur, Illinois	(217) 876-3000
Harristown Fire Protection District	Decatur, Illinois	(217) 423-2912
Hickory Point Fire Protection District	Forsyth, Illinois	(217) 877-1398
Local Emergency Planning Committee (LEPC)	Decatur, Illinois	(217) 424-1327
Macon County Emergency Management Agency	Decatur, Illinois	(217) 424-1311
Macon County Family Medicine	Blue Mound, Illinois	(217) 692-2151
Madison County		
Madison Co. IL Sheriff	Edwardsville, Illinois	(618) 692-1064
McLean County		
Bloomington Township Police	Saybrook, Illinois	(309) 888-5000
County Sheriff	Bloomington, Illinois	(309) 888-5034 (309) 888-5019
Gibson Area Hospital and Health Service	Saybrook, Illinois	(217) 784-4251
Local Emergency Planning Committee (LEPC)	Bloomington, Illinois	(309) 888-5020
McLean County Emergency Management Agency	Bloomington, Illinois	(309) 888-5020
Saybrook Fire Deparment	Saybrook, Illinois	(309) 475-2026
Saybrook Fire Department	Saybrook, Illinois	(309) 888-5000
Will County		
Beecher Fire Protection District	Beecher, Illinois	(708) 946-2341
Beecher Village Fire Department	Beecher, Illinois	(708) 946-6585
Beecher Village Police Department	Beecher, Illinois	(708) 946-2341
County Sheriff	Joliet, Illinois	(815) 727-8895 (815) 727-8575
Local Emergency Planning Committee (LEPC)	Joliet, Illinois	(815) 740-8351
Peotone Fire Department	Peotone, Illinois	(708) 258-6884 (708) 258-3221
Peotone Fire Protection District	Peotone, Illinois	(708) 258-3003
St. James Hospital	Chicago Heights, Illinois	(708) 756-1000
St. Mary's Hospital	Kankakee, Illinois	(708) 937-2100

Village of Peotone Police Department	Joliet, Illinois	(708) 258-3003
Will County Emergency Management Agency	Joliet, Illinois	(815) 740-8351

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 5 HAMMOND AREA

Indiana

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Lake County		
County Sheriff	Crown Point, Indiana	(219) 755-3400
East Chicago Fire Department	E. Chicago, Indiana	(219) 391-8472
East Chicago Fire Department	East Chicago, Indiana	(219) 391-8472
East Chicago Police Department	E. Chicago, Indiana	(219) 391-8400 (219) 391-8268
Fire Marshall	Indianapolis, Indiana	(317) 232-2226
Griffith Fire Department	Griffith, Indiana	(219) 922-3065
St. Catherine Emergency Department	E. Chicago, Indiana	(219) 392-7200
St. John Fire Department	St. John, Indiana	(219) 365-6034 (219) 365-8636
St. Margaret Mercy	Dyer, Indiana	(219) 865-2141
St. Margaret Mercy	Hammond, Indiana	(219) 932-2300
The CHS Community Hospital Emergency Department	Munster, Indiana	(219) 836-4511
Lake County Emergency Management Agency	Crown Point, Indiana	(219) 755-3549
Local Emergency Planning Committee (LEPC)	Crown Point, Indiana	(219) 755-3512 (219) 755-3000
Police Commissioner	St. John, Indiana	(219) 365-7503
Schererville Fire Department	Schererville, Indiana	(219) 322-2121
Schererville Fire Department	Griffith, Indiana	(219) 322-2599
Schererville Police Department	Schererville, Indiana	(219) 322-5000
Griffith Police Department	Griffith, Indiana	(219) 924-7503 (219) 924-3141
Hammond Fire Department	Hammond, Indiana	(219) 853-6490
Hammond Police Department	Hammond, Indiana	(219) 853-6490
Highland Fire Department	Highland, Indiana	(219) 838-3181
Highland Fire Department	Highland, Indiana	(219) 923-9876
Highland Police Department	Highland, Indiana	(219) 838-3184

Name of Critical Information Sheet:	Decatur to Clinton
Local Officials:	
Dewitt County Sheriff	(217) 935-9441
Dewitt, County E.S.D.A. Supervisor	(217) 935-9596
Illinois Highway Patrol	(815) 844-3131
Macon County LEPC	(217) 424-1327
Macon County Sheriff	(217) 424-1321
Independent Contractors:	
L.W.D Field Services, Inc. Gary, Indiana	(800) 334-0004
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Chatsworth to Kankakee
Local Officials:	
Ford County, IL Sheriff	(217) 379-2324
Illinois Highway Patrol	(815) 844-3131
Iroquois, IL County Sheriff	(815) 432-6992
Kankakee County E.S.D.A. Coordinator	(815) 937-3929
Kankakee County, Illinois Sheriff	(815) 933-3324
Independent Contractors:	Any and all contractors listed for Hammond Area
Catastrophic Spill Contractors:	

Name of Critical Information Sheet:	Kankakee to Hammond
Local Officials:	
Indiana Highway Patrol	(815) 769-8459
Lake County, Indiana Sheriff	(217) 755-3333
Will County, IL Sheriff	(815) 727-8895
Independent Contractors:	Any and all contractors listed for Hammond Area
Catastrophic Spill Contractors:	

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 6 ARLINGTON AREA

Oklahoma

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Carter		
Ardmore Ambulance	Ardmore, Oklahoma	(580) 223-1223
Ardmore Fire Department	Ardmore, Oklahoma	(580) 223-1212
Ardmore Police Department	Ardmore, Oklahoma	(580) 223-1212
Carter County LEPC	Ardmore, Oklahoma	(580) 223-4453
Carter County Sheriff Department		(580) 223-6014
Love		
Love County LEPC	Marietta, Oklahoma	(580) 267-3150
Marietta Ambulance	Marietta, Oklahoma	(580) 276-3347
Marietta Fire Department	Marietta, Oklahoma	(580) 276-3150
Marietta Police Department	Marietta, Oklahoma	(580) 276-9371

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 6 ARLINGTON AREA

Texas

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Cooke County		
Cooke County LEPC	Gainsville, Texas	(940) 668-5400
Cooke County Sheriff Department		(940) 665-3471
Department of Public Safety	Gainsville, Texas	(940) 665-3471
Gainesville Ambulance	Gainesville, Texas	(940) 665-3471
Gainesville Fire Department	Gainesville, Texas	(940) 668-7777
Gainsville Police Department	Gainsville, Texas	(940) 668-7777
Dallas County		
City of Carrollton Police and Fire	Carrollton, TX, Texas	(972) 466-3333
Park & Wildlife	Garland, Texas	(972) 226-9966
Irving Ambulance	Irving, Texas	(972) 721-2308
Irving Fire Department	Irving, Texas	(972) 721-2308
Irving Police Department	Irving, Texas	(972) 721-2661
Dallas Ambulance	Dallas, Texas	(214) 744-4444
Dallas County LEPC	Dallas, Texas	(214) 653-7890
Dallas Police Department	Dallas, Texas	(214) 744-4444
Dallas Sheriff Department	Dallas, Texas	(214) 653-3450
Department of Public Safety	Cedar Hill, Texas	(972) 299-5474
Denton		
Denton Ambulance	Denton, Texas	(940) 349-8181
Denton County Fire Department	Denton, Texas	(940) 349-8181
Denton County LEPC	Denton, Texas	(940) 349-2840
Denton Police Department	Denton, Texas	(940) 349-8181
Denton County Sheriff Department	Denton, Texas	(940) 349-1600
Lewisville Ambulance	Lewisville, Texas	(972) 219-3640
Lewisville Fire Department	Lewisville, Texas	(972) 219-3640
Lewisville Police Department	Lewisville, Texas	(972) 219-3640
Sanger Ambulance	Sanger, Texas	(940) 349-1600
Sanger Fire Department	Sanger, Texas	(940) 349-1600
Sanger Police Department	Sanger, Texas	(940) 349-1600
Falls County		
Falls County Ambulance	Marlin, Texas	(254) 883-3443
Falls County Fire Department		(254) 883-1431
Falls County LEPC	Marlin, Texas	(254) 883-1426
Falls County Police Department		(254) 883-9255
Falls County Sheriff Department		(254) 883-1431
Franklin		
Calvert Fire Department	Calvert, Texas	(979) 828-3299
Calvert Police Department	Calvert, Texas	(979) 828-3299
Hill		
Aquilla Ambulance	Whitney, Texas	(254) 694-9706
Aquilla Fire Department	Aquilla, Texas	(254) 582-5313
Hill County Ambulance		(254) 582-5313

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Hill County Fire Department		(254) 694-5985
Hill County LEPC	Hillsboro, Texas	(254) 582-5313
Hill County Sheriff Department		(254) 582-5313
Itasca Ambulance	Itasca, Texas	(254) 582-5313
Itasca Fire Department	Itasca, Texas	(254) 687-2020
Itasca Police Department		(254) 687-2020
Johnson		
Alvarado Fire Department	Alvarado, Texas	(817) 783-3131
Alvarado Police Department	Alvarado, Texas	(817) 783-3131
Grandview Police Department	Grandview, Texas	(817) 866-3399
Johnson County Ambulance	Cleburne, Texas	(817) 556-6060
Johnson County Fire Department		(817) 556-6060
Johnson County LEPC	Cleburne, Texas	(817) 556-6346
Johnson County Sheriff Department		(817) 556-6060
Mansfield Ambulance	Mansfield, Texas	(817) 473-0211
Mansfield Fire Department	Mansfield, Texas	(817) 473-0211
Mansfield Police Department	Mansfield, Texas	(817) 473-0211
Mc Lennan		
Department of Public Safety	Waco, Texas	(254) 759-7131
Mc Lennan County Ambulance	Waco, Texas	(800) 255-2011
Mc Lennan County Fire Department		(254) 757-5222
Mc Lennan County LEPC	Waco, Texas	(254) 757-5049
Mc Lennan County Sheriff Department	Waco, Texas	(254) 757-5222
Park & Wildlife	Waco, Texas	(254) 867-5313
Waco Ambulance	Waco, Texas	(800) 255-2011
Waco Fire Department	Waco, Texas	(254) 745-6051
Waco Police Department	Waco, Texas	(254) 750-7500
Robertson		
Bremond Fire Department	Bremond, Texas	(979) 828-3299
Bremond Police Department	Bremond, Texas	(254) 746-7710
Calvert Ambulance	Calvert, Texas	(979) 828-4911
Department of Public Safety		(979) 776-3100
Hearne Fire Department	Hearne, Texas	(979) 279-5333
Hearne Police Department	Hearne, Texas	(979) 279-5333
Robertson County Ambulance	Franklin, Texas	(979) 828-3299
Robertson County Fire Department	Franklin, Texas	(979) 828-3299
Robertson County Sheriff Department	Franklin, Texas	(979) 828-3299
Tarrant		
Arlington Ambulance	Arlington, Texas	(817) 274-4444
Arlington Fire Department	Arlington, Texas	(817) 274-4444
Arlington Police Department	Arlington, Texas	(817) 274-4444
Tarrant County Department of Public Safety	Hurst, Texas	(817) 299-1300
Euless Ambulance	Euless, Texas	(817) 685-1520
Euless Fire Department	Euless, Texas	(817) 685-1520
Hurst Fire Department	Hurst, Texas	(817) 788-7183
Hurst Police Department	Hurst, Texas	(817) 788-7183
Park & Wildlife	Haltom City, Texas	(817) 831-3128
Tarrant County Sheriff Department	Fort Worth, Texas	(817) 884-3000
Grapevine Fire Department	Grapevine, Texas	(817) 410-8127
Grapevine Police Department	Grapevine, Texas	(817) 410-8127
Haltom City Ambulance	Haltom City, Texas	(817) 834-7321
Haltom City Fire Department	Haltom City, Texas	(817) 834-7321
Haltom City Police Department	Haltom, Texas	(817) 834-7321

Hurst Ambulance	Hurst, Texas	(817) 788-7183
Euless Police Department	Euless, Texas	(817) 685-1526
Fort Worth Police Department	Fort Worth, Texas	(817) 335-4222
Tarrant County Game Warden	Haltom City, Texas	(817) 831-3128
Grapevine Ambulance	Grapevine, Texas	(817) 410-8127

3.1 INITIAL RESPONSE ACTIONS

Initial response actions are those taken by local personnel immediately upon becoming aware of a discharge or emergency incident, before the Local Response Team (described in Section 4.0) is formed and functioning. Timely implementation of these initial steps is of the utmost importance because they can greatly affect the overall response operation.

The pages that follow discuss initial response actions for a variety of emergencies that have the possibility of occurring. These emergencies are discussed in the order listed below:

- Leaks/Spills
- Fire/Explosions
- Vapor Cloud
- Bomb Threat
- Natural Disaster
- Medical Emergencies
- Terrorist/Security Incident

It is important to note that **these actions are intended only as guidelines**. The appropriate response to a particular incident may vary depending on the nature and severity of the incident and on other factors that are not readily addressed. Note that, **without exception, personnel and public safety is first priority**.

The first Company person on scene will function as the Incident Commander (IC) until relieved by an authorized supervisor who will assume the IC position. Transfer of command will take place as more senior management respond to the incident. For response operations within the control of the Local Response Team, the role of IC will typically be assumed and retained by Area Management.

The person functioning as **Incident Commander** during the initial response period **has the authority to take the steps necessary to control the situation and must not be constrained by these general guidelines**.

INITIAL RESPONSE ACTIONS - SUMMARY
PERSONNEL AND PUBLIC SAFETY IS FIRST PRIORITY
CONTROL
■ Eliminate sources of ignition
■ Isolate the source of the discharge, minimize further flow
NOTIFY
■ Make internal and external notifications
■ Activate the Local Response Team as necessary
■ Activate response contractors and other external resources as necessary
CONTAIN
■ Begin spill mitigation and response activities
■ Monitor and control the containment and clean-up effort
■ Protect the public and environmental sensitive areas

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3.1 INITIAL RESPONSE (Cont'd)

In addition to the potential emergency events outlined in this Section, the Company has identified several "abnormal operations" that could be expected in the pipeline facilities. The Company has defined the events and established procedures to identify, eliminate or mitigate the threat of a worst case discharge due to these events. In compliance with 49 CFR 195.402(d), these procedures are defined in the Company's Operations Manual.

FIRST COMPANY PERSON NOTIFIED/ON SCENE

- ■ _____ Follow the appropriate "***Specific Incident Response Checklist***" in Figure 3.1 and "***Product Specific Response Considerations***" in Figure 3.2.
- ■ _____ Notify**Central Control Technician**of the incident.

AREA MANAGEMENT

- ■ _____ **Evaluate the Severity,** Potential Impact, Safety Concerns, and Response Requirements based on the initial data provided by the first person on scene.
- ■ _____ Utilize local emergency services as necessary (police, fire, medical).
- ■ _____ Assume the role of **Incident Commander**.
- ■ _____ **Confirm safety** aspects at site, including need for personal protective equipment, sources of ignition, and potential need for evacuation.
- ■ _____ Activate the **Local Response Team and primary response contractors,**as the situation demands
- ■ _____ Coordinate/perform **activation of additional spill response contractors,** as the situation demands (telephone reference is provided in Figure 2.5).
- ■ _____ Perform notifications as per Figure 2.1, as appropriate.
- ■ _____ Proceed to spill site and **coordinate response and clean-up operations.**
- ■ _____ Direct containment, dispersion, and/or clean-up operations in accordance with the **"Product Specific Response Considerations"** provided in Figure 3.2.

LOCAL RESPONSE TEAM

- ■ _____ Assigned personnel will immediately respond to a discharge from the Pipeline, as the situation demands.
- ■ _____ Perform response/clean-up operations as directed or coordinated by the Incident Commander.
- ■ _____ Assist as directed at the spill site.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST

Remember, Without Exception, Personnel Safety Is The First Priority. Excessive Exposure To The Vapor And Liquid Stages Of The Spilled Product Should Be Avoided.

INITIAL RESPONSE

- ☐ Take appropriate personal protective measures
- ☐ Call for medical assistance if an injury has occurred.
- ☐ Notify Area Management of the incident.
- ☐ Eliminate possible sources of ignition in the near vicinity of the spill.
- ☐ Take necessary fire response actions.
- ☐ Advise personnel in the area of any potential threat and/or initiate evacuation procedures.
- ☐ Identify/Isolate the source and minimize the loss of product.
- ☐ Restrict access to the spill site and adjacent area as the situation demands. Take additional steps necessary to minimize any threat to health and safety.
- ☐ Use testing and sampling equipment to determine potential safety hazards, as the situation demands.
- ☐ Verify the type of product and quantity released.

All personnel are reminded that outsiders other than emergency services will not be allowed in the area during the time of an emergency, and that statements issued to the media or other interested parties should be given by designated Company Management. Be courteous with media representatives and direct them to the designated spokesman.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

LINE BREAK OR LEAK, SPECIFIC RESPONSE

- _____Check for pressure corresponding to the scheduled flow rate. If in doubt, shut it down
- _____If discrepancies occur, locate the area affected. If in doubt, shut it down
- _____Verify the leak's presence with aerial patrol, landowners, or employees.
- _____Shut down pumping equipment.
- _____The Central Control Technician shall notify Area Management and the Director, Field Operations that operations are shut-down.
- _____Send personnel to close upstream and downstream block valves, paying attention to the terrain and hydraulic location of the leak. Check valve positions on both sides of the leak to make certain they are closed.
- _____Mitigate spreading of the product, as the situation demands. Potential containment strategies include:
  - Boom
  - Earthen dike/berm
  - Ditching
- _____Spreading sorbent material over the spill.
- _____Prevent the spill from entering the waterways, sewer, etc. to the greatest extent possible.
- _____Determine the direction and expected duration of spill movement. Refer to the maps in Section 6.0.
- _____If located within containment area, ensure that drainage valve(s) is "closed".
- _____If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0 and the ACP. Determine which of these may be threatened by the spill and direct the response operation to these locations. Initiate protection and recovery actions.
- _____Qualified personnel should utilize LEL meter, O_2 meter, proper colormetric indicator tubes, such as Drager, and/or other air sampling measurements to assure that areas are safe to enter for continued response operations. Refer to Vapor Cloud Specific Response, later in this Figure, if flammable vapors are detected.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

LINE BREAK OR LEAK, SPECIFIC RESPONSE (Cont'd)

- _____Drain the line section, as the situation demands.
- _____Inform local operators of utilities such as the power company, telephone company, railway.
- _____Clean up spilled product to eliminate any possible environmental problems. Be alert for underground cables.
- _____Make all necessary repairs.
- _____Return the line to service when repairs are complete, if or when approved.
- _____Complete follow-up and written reporting, as the situation demands.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

STORAGE TANK LEAK, SPECIFIC RESPONSE

- ☐ Shut down all tank farm product movement operations and isolate the tank.
- ☐ The Central Control Technician shall notify Area Management and the Director, Field Operations that operations are shut-down.
- ☐ Ensure that the containment area drainage valve(s) is “closed”.
- ☐ If possible, block drainage of spilled material from traveling offsite.
- ☐ Determine the direction and expected duration of spill movement. Refer to the maps in Section 6.0.
- ☐ If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0 and the ACP. Determine which of these may be threatened by the spill and direct the response to these locations. Initiate protection and recovery actions.
- ☐ Qualified personnel should utilize LEL meter, O_2 meter, proper colormetric indicator tubes, such as Drager, and/or other air sampling measurements to assure that areas are safe to enter for continued response operations. Refer to Vapor Cloud Specific Response, later in this Figure, if flammable vapors are detected.
- ☐ Stop all traffic in hazardous area (inside and outside of property boundaries), as the situation demands.
- ☐ Inform local operators of utilities such as the power company, telephone company, railway.
- ☐ Remove product from containment area (at a sump or in a low area) with an explosion proof pump, oil skimmer, and/or vacuum truck w/ skimmer attachments.
- ☐ If applicable, process remaining product through the separator system.
- ☐ Clean up product spill to eliminate any possible environmental problems. Be alert for underground utilities, lines, etc.
- ☐ Stockpile waste for eventual disposal.
- ☐ Make all necessary repairs. Return the line/tank to service when repairs are complete and tested.
- ☐ Complete follow-up and written reporting, as the situation demands.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE

INDIVIDUAL DISCOVERING THE FIRE - (All Employees)

- _____Call the Fire Department (911).
- _____Sound the Facility fire alarm, if present, and initiate emergency shutdown.
- _____Notify Area Management and/or the appropriate supervisor and alert all Facility areas of the exact location and extent of the fire.
- _____Shut off pumps.
- _____Coordinate with the Central Control Technician to close appropriate valves to isolate the fire, if necessary.
- _____Return to the scene of the fire and, if practical and safe, attempt to extinguish with the nearest fire equipment available.
- _____In the event the fire is too large for an individual to fight alone, the individual sounding the alarm or making the phone call should stand by at a safe distance to direct the Fire Department to the scene of the fire and keep personnel and vehicles from entering the danger area.

INDIVIDUAL DISCOVERING THE FIRE (in the absence of Supervision)

- _____In the event of fire in the absence of a member of supervision or the Pipeline Operator, any Company employee on duty is designated as the Incident Commander until relieved of this position by more senior management.
- _____The individual discovering the fire will adhere to the instructions issued for the normal operation.
- _____Ensure that the fire department has been notified.
- _____Alert all personnel areas of the exact location and extent of the fire.
- _____Ensure supervision is notified by telephone (refer to Figure 2.2).
- _____Prior to the arrival of a member of supervision, the individual will remain in charge and will direct the fire department to the scene of the fire.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE (Cont'd)

TANK FIRES

Fixed Roof - Cone Roof Tank Fires

- _____ Evacuate products.
- _____ Position two or more water nozzles on dikes to cool tanks.
- _____ Employ fire pump nozzles to cool adjacent tank and appurtenances.

External Floating Roof - Open Floating Roof Tank Fires - Roof Floating

- _____ Pump product into tank to raise the roof and prevent hot spots.
- _____ Cool sides of the tank and appurtenances with water from the nozzles on the dike.

External Floating Roof - Open Floating Roof Tank Fires - Roof on Legs

- _____ Cool tank with water.
- _____ Cool adjacent tanks and appurtenances with water.

Internal Floating Roof - Covered Floating Roof Tank Fires

EXTERNAL FIRE AT THE VENTS

- _____ Cool burning vents with water.
- _____ Extinguish burning points from the ground.
- _____ Cool adjacent tank and appurtenances with water.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE (Cont'd)

INTERNAL FIRE, CONE ROOF INTACT

- _____Cool roof and sides with water.
- _____Pump out all fuel, but do not land internal floating roof to create a vapor space underneath the roof.
- _____Cool adjacent tanks and appurtenances with water.

INTERNAL FIRE, CONE ROOF DESTROYED

- _____Pump out all fuel, but do not land internal floating roof to create a vapor space underneath the roof.
- _____Cool tank with water.
- _____Cool adjacent tanks and appurtenanceswith water.

Tank Rupture

- _____Evacuate tanks which share the dike.
- _____Assist the deployment of fire department equipment.

Explosions

- _____Empty the tank.
- _____Disconnect the electrical power leading to the tank.
- _____Use Mobile Twin Agent System to extinguish any ground fires.
- _____When the Fire Department arrives, spray the shell above the liquid level to cool the shell.
- _____Cool adjacent tanks and pipes.
- _____Extinguish the fire.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE (Cont'd)

Piping System Failure to a Burning Tank

- _____ Close all valves at the piping manifolds outside the fire wall.
- _____ Use earth-movers to contain the fire.

Ground Fires

- _____ Close off the fuel source.
- _____ Kill the fire with the extinguishers on hand.
- _____ Cool adjacent tanks and appurtenances.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

VAPOR CLOUD (from a massive spill, line rupture, etc.), SPECIFIC RESPONSE

- ☐ The person who discovers the vapor cloud will sound the alarm and notify the supervisor on duty and vacate the area.
- ☐ Use an LEL/O_2 meter to estimate the area affected by the flammable vapor.
- ☐ Erect a windsock.
- ☐ **Remember: The only proper action in the presence of a vapor cloud is to get away from it. Shut off electrical equipment if safe to do so, and if shutting off the equipment will not create a spark.**
- ☐ All personnel will report to the evacuation muster point for roll call and further instructions. Muster points are identified in the evacuation plan, separately maintained.
- ☐ After all personnel have been accounted for, the Area Manager, and/or the appropriate Supervisor will initiate the following actions as deemed necessary:

  1. Shut down transfer operations.
  2. Evacuation of adjacent property.
  3. Only the Fire Department will be permitted to enter the Facility.

- ☐ Contact the appropriate agencies and potentially affected neighbors (refer to Figure 2.5).
- ☐ In an automobile, approach upwind and keep out of the area of danger.
- ☐ Immediately evacuate if LEL readings exceed 10%.
- ☐ Remove all ignition sources.
- ☐ Continue to monitor vapor spread.
- ☐ Erect DANGER and NO SMOKING signs.
- ☐ Request assistance from local authorities to establish roadblocks if flammable vapors extend over highway or traveled road.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

VAPOR CLOUD (from a massive spill, line rupture, etc.), SPECIFIC RESPONSE (Cont'd)

- _____ Continually monitor vapor intensity and spread.
- _____ Remember that H_2S and other hydrocarbons can numb the sense of smell, therefore never rely on smell.
- _____ Once the vapor cloud has been cleared, respond to the cause of the incident as outlined in the other specific response guides.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

(b) (7)(F)



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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE

TORNADO

Be Aware of Changing Weather Conditions

1. Torndao watch-conditions are right for the formation of a tornado.
2. Tornado warning-a tornado has been sighted but is not in the area at this time.
3. Tornado alert-a tornado has been sighted in the immediate area- take cover immediately.

If Severe Weather Conditions Threaten

1. Announce over company radio or by cellular phone.
2. Alert all personnel of condition.
3. Tornado alert-a tornado has been sighted in the immediate area- take cover immediately.
4. If time does not permit, seek shelter in low level area away from glass.
5. Make certain that all personnel are aware of the condition.
6. The Central Control Technician will shutdown (5 minutes) safely, notifying Area Manager, if time permits.
7. If times does not permit, the last person to leave the operations room will hit the emergency shutdown (ESD) switch, thereby shutting off all electrical power.
8. Stay in shelter until **"all clear"** has been issued.

Immediately After the Storm

1. Account for all personnel.
2. Survey for damages.
3. Initiate team for any repairs.
4. Refer to this Plan for additional response guidance regarding fires, spills, etc., as needed.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE (Cont'd)

HURRICANE

Anytime a hurricane is between Port Arthur and 80° West longitude and 20° North latitude, a hurricane preparedness meeting will be held to review necessary actions.

■ _____ **Determine Presence and Direction**

1. Monitor weather reports.

2. Call U.S. Weather Bureau.

3. Determine which stations of operations the hurricanes will most likely hit and confirm the plan of action.

■ _____ **Secure Operations Before Hurricane Hits**

1. Leave several feet of product in all tanks to prevent flotation. The recommended liquid level in tanks which could be subjected to winds in excess of tank design wind velocity (100 mph) is as follows:

   Open Floating Roof Tanks

   A liquid level of 10-12 feet below the top of the tank will permit the liquid head plus the roof seal system to provide additional resistance to tank shell buckling. A complete full tank is not recommended under severe wind conditions because the wind loading on the tank shell will cause movement of the shell. This movement will create waves which could be 2-3 feet high (under extreme conditions) and could cause damage to the roof, seals, ladder, or tank gauging system. Additionally, with the roof at the recommended location, the potential for damage to the roof and seals will be minimized if the wind is accompanied by heavy rain, as the tank shell will help break the wind so as not to blow the water to one side of the roof.

   Cone Roof Tanks

   A liquid level equal to 2/3 of full will permit the liquid head to provide additional resistance to tank shell buckling.

2. Establish a suitable time for employees to go home, or evacuate, to protect their families.

3. Arrange for a specific time and location for employees to call-in to Tulsa to confirm safe.

4. Secure loose objects which may become missiles in a storm.

5. Protect irreplaceable records.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE (Cont'd)

HURRICANE (Cont'd)

6. Fill all gasoline tanks in parked automobiles.
7. Warn employees at home.
8. Board or tape windows on the side of the hurricanes approach.
9. Store drinking water in available containers.
10. Store provisions that don't require cooking.
11. Locate first aid kits.
12. Monitor hurricane's progress.
13. Disconnect electrical source as required.
14. Empty sumps, fix lids shut, and sand bag if able.
15. Review status of tank roof and dike drains.

■_____ **During the Storm**

1. Huddle in your shelter.
2. Listen to weather reports.
3. Don't let the lull fool you, since it is only temporary. You are in the eye of the storm. The wind sometimes renews from the opposite direction.

■_____ **After the Storm**

1. Give aid to the injured.
2. Avoid downed wires.
3. Employees meet, as planned, for a roll call.
4. Survey damage and begin repairs.
5. Develop plan to move in people and equipment for clean-up. Secure housing and office space with communications.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE (Cont'd)

EARTHQUAKE

Before the Quake (Review Periodically)

- ☐ Survey the pipeline right-of-way by helicopter and on foot if necessary to investigate potential soil liquefaction and land slide sites.
- ☐ Secure or relocate loose objects in the control room or warehouse that may fall on personnel.
- ☐ Maintain fully supplied first aide kit.
- ☐ Train local personnel in location of EPL block valves and pipeline.

During the Quake

- ☐ Stay indoors, duck under heavy object such as a desk or brace yourself in a doorway - avoid windows.
- ☐ If driving, attempt to keep vehicle away from overhead objects/structures if possible, stop vehicle and drop to the seat or floor.
- ☐ Avoid overhead power lines if possible.

After the Quake (actions dependent upon severity and damage assessment)

- ☐ Shut-down pipeline, isolate stations to extent possible.
- ☐ Disconnect electrical power source and shut off natural gas, supplying station offices if damaged.
- ☐ Local employees dispatched to close block valves should be very cautious of power lines near block valves.
- ☐ Check communication phones/radio. Local generator may be useful to connect to EPL's radio if tower remains standing.
- ☐ Evacuate station facilities depending upon initial damage assessment.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE (Cont'd)

EARTHQUAKE (Cont'd)

- _____ Area Manager to establish an initial central meeting place. The initial site utilized to be communicated to the Central Control Technician. Local employees should make contact with Central Control Technician for instructions and to give their status.

- _____ Fill available containers with drinking water as soon as possible.

- _____ Other Area's will respond to assist through the Response Team.

- _____ Affected local employees need to verify safety of their families and secure their homes before reporting to EPL facilities - unaffected employees should report to EPL for assignment as soon as possible.

- _____ EPL facilities must be thoroughly inspected before the pipeline is restarted - including station piping, tanks, and pipeline. Fly pipeline right-of-way in affected area and slowly repressure line after inspection indicates start-up is possible.

- _____ EPL will very likely be left to our own resources for the first few days after major earthquake. We will rely on "importing" response personnel and equipment as necessary to support emergency response and repair activities.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

MEDICAL EMERGENCY, SPECIFIC RESPONSE

- _____ Apply appropriate first aid for both injury and shock, exercising care not to cause further injury.
- _____ If victim is unconscious and not breathing, immediately apply artificial respiration (if trained in CPR) and continue without interruption until natural breathing is restored or relieved by another trained CPR personnel or other qualified medical personnel. AEDs are available at each area office and Tulsa Company Headquarters for use by trained personnel.
- _____ Call for ambulance or other medical evacuation resources, if appropriate.
- _____ Notify hospital of patient arrival and extent of injury.
- _____ Complete follow-up and written reporting, as the situation demands.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

(b) (7)(F)

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

PUBLIC RELATIONS/MEDIA, SPECIFIC RESPONSE

Guidelines

- The Area Supervisor or employee acting in his/her place will limit comments to confirmation of the emergency and statements helpful to the protection of persons and property.
- For any further statement, the Area Supervisor or employee acting in his/her place will ask the media to contact the President and CEO or the Director of Operations. (Refer to Figure 2.2 for contact information.)
- The President and CEO, Director of Operations, General Counsel or other designee will notify the news media consultants. (Refer to Figure 2.5 for contact information.)

Statements to the Media by Authorized Headquarters Personnel

- Confirm the nature of the emergency.
- Do not speculate.
  - Disclose only facts.
  - Do not speculate on damages.
  - Do not discuss cause.
- Verify injuries.
  - Do not report the names of the injured until the families receive notification.
  - Do not report the nature of the injuries.
- Report steps taken to handle the emergency.
- Coordinate factual information with the fire and police departments, as well as any other agencies, or individuals involved.
- Issue a follow up release, if deemed necessary.

Tank Farm Media Communications Sites

Locations 1 and 2 refer to sites chosen in the event of a Minor or Medium Level Emergency and a Major Emergency, respectively.

Arlington

1. Old gravel terminal entrance road approxoimately75 yards due north of South Highway 157 South and Calloway Cemetery Road.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

PUBLIC RELATIONS/MEDIA, SPECIFIC RESPONSE (Cont'd)

Port Arthur

1. Market Basket – across the road from the Port Arthur Tank Farm; or
2. Holiday Inn – located on Hwy. 69 ¼ mile south of Hwy. 365. Approximately 4 miles from the tank farm.

Glenpool

1. Feeder road off of Hwy. 75 and 120; or
2. Back entrance of the Glenpool Tank Farm on 131st street where contractors park vehicles.

Greenville

1. West side of Greenville Tank Farm property at the pipe rack; or
2. Intersection of Hwy. 66 and 36 – church parking lot on the north side – Caddo Mills (2 miles from the tank farm).

Grapevine

1. Back entrance of Explorer Southlake Tank Farm on Continental Blvd; or
2. Grapevine school parking lot on the east side of Hwy. 26 – across highway from Grapevine Station.

Wood River

1. Hartford Park – corner of S. Delmar Avenue and W. Seventh Street (Hartford, Illinois); or
2. Dads Club Park (South Roxana, IL) corner of Roxana Street and Daniel Boone Street.

Hammond

1. On the west end of the Explorer Pipeline property outside of the fenced area in the open area ½ mile west of the tank farm entrance; or
2. Courtyard by Marriot southwest corner of Kennedy Avenue and I-80/I-94 7730 Corinne Drive Hammond, IN 46323.

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FIGURE 3.2

FLAMMABLE LIQUIDS (Non-Polar/Water-Immiscible)

The following information is intended to provide the initial responder(s) with data that may be useful in making quick decisions and executing prompt response actions. The information is intended for guideline purposes only.

PRODUCTS **Gasoline** **Distillates**

HAZARD IDENTIFICATION / RECOGNITION

GUIDE NO. 128

DANGERS

- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a "P" may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.
- Substance may be transported hot.

HEALTH

- Move victim to fresh air. Call 911 or emergency medical service.
- Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Wash skin with soap and water.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved, and take precautions.

PUBLIC SAFETY

- Isolate spill or leak area immediately for at least 50 meters (160 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 300 meters (1,000 feet).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

Information provided by the Emergency Response Guidebook 2004.

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1. Incident Name	2. Prepared by: (name) Date: Time:	INCIDENT BRIEFING ICS 201-OS (pg 1 of 4)

3. Map / Sketch (Include maps drawn here or attached, showing the total area of operations, the incident site/area, overflight results, trajectories, impacted shorelines, or other graphics depicting situational and response status)

1. Incident Name	2. Prepared by: (name) Date: Time:	INCIDENT BRIEFING ICS 201-OS (pg 2 of 4)

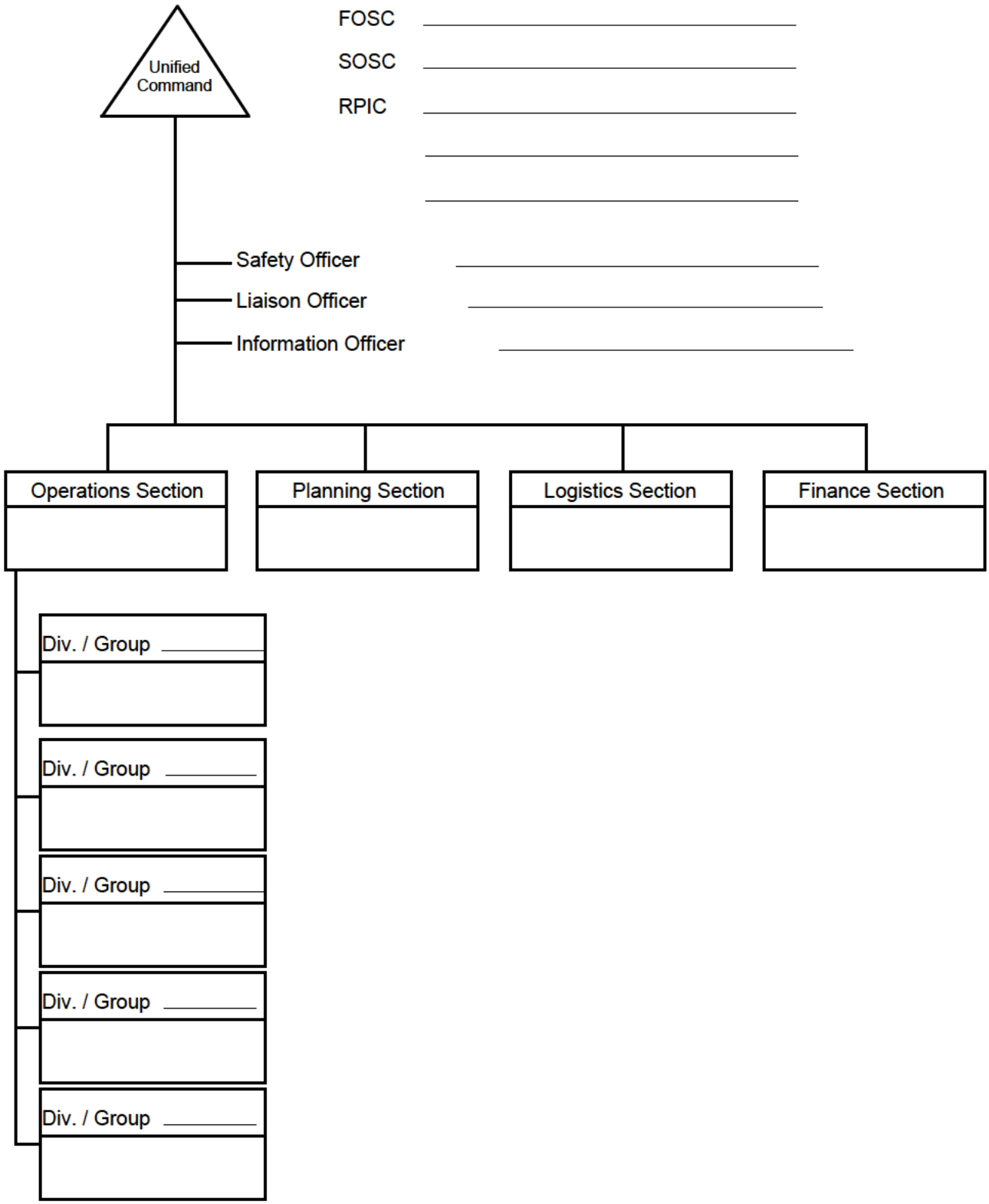
4. Initial Incident Objectives

5. Summary of Current Actions

Time	Action / Note

1. Incident Name	2. Prepared by: (name) Date: Time:	INCIDENT BRIEFING ICS 201-OS (pg 3 of 4)

6. Current Organization



1. Incident Name	2. Prepared by: (name) Date: Time:	INCIDENT BRIEFING ICS 201-OS (pg 4 of 4)

7. Resources Summary

Resources Needed	Time Ordered	Resources Identifier	ETA	On-Scene? (X)	NOTES: (Location / Assignment / Status)

INCIDENT BRIEFING (ICS FORM 201-OS)

Purpose. The Incident Briefing form provides the Unified Command (and the Command and General Staffs assuming command of the incident) with basic information regarding the response situation and the resources allocated to the incident. It is also a permanent record of the initial incident response.

Preparation. This briefing form is prepared under the direction of the initial Incident Commander for presentation to the Unified Command. This form can be used for managing the response during the initial period until the beginning of the first operational period for which an Incident Action Plan (IAP) is prepared. The information from the ICS form 201-OS can be used as the starting point for other ICS forms or documents.
- Page 1 (Map/Sketch) may transition immediately to the Situation Map.
- Page 2 (Summary of Current Actions) may be used to continue tracking the response actions and as the initial input to the ICS form 215-OS and the ICS form 232-OS.
- Page 3 (Current Organization) may transition immediately to the Organization List (ICS form 203-OS) and/or Organization Chart (ICS form 207-OS).
- Page 4 (Resources Summary) may be used to continue tracking resources assigned to the incident and as input to individual T-Cards (ICS form 219) or other resource tracking system.

Distribution. After the initial briefing of the Unified Command and General Staff members, the Incident Briefing form is duplicated and distributed to the Command Staff, Section Chiefs, Branch Directors, Division/Group Supervisors, and appropriate Planning and Logistics Section Unit Leaders. The sketch map and summary of current action portions of the briefing form are given to the Situation Unit while the Current Organization and Resources Summary portion are given to the Resources Unit. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Prepared By Date Time	Enter the name and position of the person completing the form. Enter date prepared (month, day, year). Enter time prepared (24-hour clock).
3.	Map/Sketch	Show the total Area of Operations, the incident site, overflight results, trajectories, impacted shorelines, or other graphics depicting situation and response status on a sketch or attached map.
4.	Initial Incident Objectives	Enter short, clear, concise statements of the objectives for managing the initial response.
5.	Summary of Current Actions	Enter the actions taken in response to the incident, including the time, and note any significant events or specific problem areas.
6.	Current Organization	Enter, on the organization chart, the names of the individuals assigned to each position. Modify the chart as necessary, using additional boxes in the space provided under the Sections. Two blank lines are provided in the Unified Command section for adding other agencies or groups participating in the Unified Command and/or for multiple Responsible Parties.

Item #	Item Title	Instructions
7.	Resources Summary	Enter the following information about the resources allocated to the incident:
	Resource Needed	Description of the resource needed (e.g., open water boom, skimmer, vac truck, etc.).
	Time Ordered	Time ordered (24-hour clock).
	Resource Identifier	Identifier for the resource (e.g., radio call-sign, vessel name, vendor name, license plate, etc.).
	ETA	Estimated time for the resource to arrive at the staging area.
	On-Scene	"X" upon the resource's arrival.
	Location /Assignment / Status	Location of the resource, the actual assignment, and the status of the resource (if other than working).

NOTE: Additional pages may be added to ICS form 201-OS if needed

1. Incident Name	2. Operational Period (Date / Time) From: To:	INCIDENT OBJECTIVES ICS 202-OS

3. Overall Incident Objective(s)

4. Objectives for specified Operational Period

5. Safety Message for specified Operational Period

Approved Site Safety Plan Located at:

6. Weather See Attached Weather Sheet

7. Tides / Currents See Attached Tide / Current Data

8. Time of Sunrise **Time of Sunset**

9. Attachments (mark "X" if attached)

☐ Organization List (ICS 203-OS)	☐ Medical Plan (ICS 206-OS)	☐ Resource at Risk Summary (ICS 232-OS)
☐ Assignment List (ICS 204-OS)	☐ Incident Map(s)	☐ _____
☐ Communications List (ICS 205-OS)	☐ Traffic Plan	☐ _____

10. Prepared by: (Planning Section Chief) **Date / Time**

INCIDENT OBJECTIVES (ICS FORM 202-OS)

Purpose. The Incident Objectives form describes the basic incident strategy, control objectives, and provides weather, tide and current information, and safety considerations for use during the next operational period. The Attachments list at the bottom of the form also serves as a table of contents for the Incident Action Plan.

Preparation. The Incident Objectives form is completed by the Planning Section following each formal Planning Meeting conducted in preparing the Incident Action Plan.

Distribution. The Incident Objectives form will be reproduced with the IAP and given to all supervisory personnel at the Section, Branch, Division/Group, and Unit levels. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
		NOTE: ICS form 202-OS, Incident Objectives, serves as part of the Incident Action Plan (IAP) (not complete until attachments are included).
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Overall Incident Objective(s)	Enter clear, concise statements of the objectives for managing the response. These objectives usually apply for the duration of the incident.
4.	Objectives for specified Operational Period	Enter short, clear, concise statements of the objectives for the incident response for this operational period. Include alternatives.
5.	Safety Message for the specified Operational Period	Enter information such as known safety hazards and specific precautions to be observed during this operational period. If available, a safety message should be referenced and attached. At the bottom of this box, enter the location where approved Site Safety Plan is available for review.
6.	Weather	Attach a sheet with the observed and predicted weather.
7.	Tides/Currents	Attach a sheet with the predicted tide and current information for the specified operational period.
8.	Sunrise/Sunset	Enter predicted times for sunrise and/or sunset (local time, 24-hour clock) during the specified operational period.
9.	Attachments	Mark an “X” in boxes for forms attached to the IAP.
10.	Prepared By	Enter the name of the Planning Section Chief completing the form.
	Date/Time	Enter the Date (month, day, year) and Time (24-hour clock) the form was prepared.

1. Incident Name	2. Operational Period (Date / Time) From:	ORGANIZATION ASSIGNMENT LIST ICS 203-OS

3. Incident Commander and Staff

	Primary	Deputy
Federal:		
State:		
RP(s):		
Safety Officer:		
Information Officer:		
Liaison Officer:		

4. Agency Representatives

Agency	Name

5. PLANNING SECTION

Chief	
Deputy	
Resources Unit	
Situation Unit	
Environmental Unit	
Documentation Unit	
Demobilization Unit	
Technical Specialists	

6. LOGISTICS SECTION

Chief	
Deputy	
a. Support Branch	
Director	
Supply Unit	
Facilities Unit	
Transportation Unit	
Vessel Support Unit	
Ground Support Unit	
b. Service Branch	
Director	
Communications Unit	
Medical Unit	
Food Unit	

7. OPERATION SECTION

Chief		
Deputy		
a. Branch I - Division/Groups		
Branch Director		
Deputy		
Division / Group		
Division / Group		
Division / Group		
Division / Group		
Division / Group		
b. Branch II - Division/Groups		
Branch Director		
Deputy		
Division / Group		
Division / Group		
Division / Group		
Division / Group		
Division / Group		
c. Branch III - Division/Groups		
Branch Director		
Deputy		
Division / Group		
Division / Group		
Division / Group		
Division / Group		
Division / Group		
d. Air Operations Branch		
Air Operations Br. Dir		
Air Tactical Supervisor		
Air Support Supervisor		
Helicopter Coordinator		
Fixed Wing Coordinator		

8. FINANCE / ADMINISTRATION SECTION

Chief	
Deputy	
Time Unit	
Procurement Unit	
Compensation/Claims Unit	
Cost Unit	

9. Prepared By: (Resources Unit) **Date / Time**

ORGANIZATION ASSIGNMENT LIST June 2000 ICS 203-OS

Electronic version: NOAA 1.0 June 1, 2000

ORGANIZATION ASSIGNMENT LIST (ICS FORM 203-OS)

Purpose. The Organization Assignment List provides ICS personnel with information on the units that are currently activated and the names of personnel staffing each position/unit. It is used to complete the Incident Organization Chart (ICS form 207-OS) which is posted on the Incident Command Post display. An actual organization will be event-specific. **Not all positions need to be filled.** The size of the organization is dependent on the magnitude of the incident and can be expanded or contracted as necessary.

Preparation. The Resources Unit prepares and maintains this list under the direction of the Planning Section Chief.

Distribution. The Organization Assignment List is duplicated and attached to the Incident Objectives form (ICS form 202-OS) and given to all recipients of the Incident Action Plan. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Incident Commander and Staff	Enter the names of the Incident Commander and Staff. Use at least the first initial and last name.
4.	Agency Representative	Enter the agency names and the names of their representatives. Use at least the first initial and last name.
5. thru 8.		Enter the name of personnel staffing each of the listed positions. Use at least the first initial and last name. For Units, indicate Unit Leader and for Divisions/Groups indicate Division/Group Supervisor. Use an additional page if more than three branches are activated. If there is a shift change during the specified operational period, list both names, separated by a slash.
9.	Prepared By Date Time	Enter the name and position of the person completing the form. Enter date prepared (month, day, year). Enter time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	**ASSIGNMENT LIST** **ICS 204-OS**
3. Branch	**4. Division/Group**	

5. Operations Personnel

	Name	Affiliation	Contact # (s)
Operations Section Chief:			
Branch Director:			
Division/Group Supervisor:			

6. Resources Assigned This Period "X" indicates 204a attachment with special instructions

Strike Team / Task Force / Resource Identifier	Leader	Contact Info. #	# of Persons	Notes / Remarks	
					☐
					☐
					☐
					☐
					☐
					☐
					☐

7. Assignments

8. Special Instructions for Division / Group

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

Name / Function	Radio: Freq. / System / Channel	Phone	Pager

Emergency Communications

Medical _____ Evacuation _____ Other _____

10. Prepared By (Resource Unit Leader)	**Date / Time**	**11. Approved By (Planning Section Chief)**	**Date / Time**

ASSIGNMENT LIST (ICS FORM 204-OS)

Special Note. The Assignment List, ICS form 204-OS submits assignments at the level of Divisions and Groups. The Assignment List Attachment, ICS form 204a-OS shows more specific assignment information, if needed. The need for an ICS form 204a-OS is determined by the Planning and Operations Section Chiefs during the Operational Planning Worksheet (ICS form 215-OS) development.

Purpose. The Assignment List(s) informs Division and Group supervisors of incident assignments. Once the assignments are agreed to by the Unified Command and General Staff, the assignment information is given to the appropriate Divisions and Groups.

Preparation. The Assignment List is normally prepared by the Resources Unit, using guidance from the Incident Objectives (ICS form 202-OS), Operational Planning Worksheet (ICS form 215-OS), and the Operations Section Chief. The Assignment List must be approved by the Planning Section Chief. When approved, it is included as part of the Incident Action Plan (IAP). Specific instructions for individual Task Forces / Strike Teams may be entered on an ICS form 204a-OS for dissemination to the field, but not included in the IAP.

Distribution. The Assignment List is duplicated and attached to the Incident Objectives and given to all recipients of the Incident Action Plan. In some cases, assignments may be communicated via radio/telephone/fax. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
		A separate sheet is used for each Division or Group. The identification letter of the Division is entered in the form title. Also enter the number (roman numeral) assigned to the Branch.
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Branch	Enter the Branch designator.
4.	Division/Group	Enter the Division/Group designator.
5.	Operations Personnel	Enter the name of the Operations Chief, applicable Branch Director, and Division Supervisor.

Item #	Item Title	Instructions
6.	Resources Assigned This Period	Each line in this field may have a separate Assignment List Attachment (ICS form 204a-OS). Enter the following information about the resources assigned to Division or Group for this period:
	Strike Team / Task Force / Resource Identifier	List identifier
	Leader	Leader name
	Contact Information	Primary means of contacting this person (e.g., radio, phone, pager, etc.). Be sure to include area code when listing a phone number.
	Number of Persons	Total number of personnel for the strike team, task force, or single resource assigned.
	Special Notes / Remarks	Special notes or directions, specific to this strike team, task force, or single resource.
	Assignment List Attachment	Enter an "X" check if an Assignment List Attachment (ICS form 204a-OS) will be prepared and attached. The need for an ICS form 204a-OS is determined by the Planning and Operations Section Chiefs during the Operational Planning Worksheet (ICS form 215-OS) development.
7.	Assignments	Provide a statement of the tactical objectives to be achieved within the operational period by personnel assigned to this Division or Group.
8.	Special Instructions for Division/Group	Enter a statement noting any safety problems, specific precautions to be exercised, or other important information.
9.	Communications	Enter specific communications information (including emergency numbers) for this division /group. If radios are being used, enter function (command, tactical, support, etc.), frequency, system, and channel from the Incident Radio Communications Plan (ICS form 205-OS). Note: Phone numbers should include area code.
10.	Prepared By	Enter the name of the person completing the form, normally the Resources Unit Leader.
	Date/Time	Enter the Date (month, day, year) and Time (24-hour clock) the form was prepared.
11.	Approved By	Enter the name of the person approving the form, normally the Planning Section Chief.
	Date/Time	Enter the Date (month, day, year) and Time (24-hour clock) the form was approved.

1. Incident Name	2. Operational Period (Date / Time) From: To:	ASSIGNMENT LIST ATTACHMENT ICS 204a-OS
3. Branch	4. Division / Group	
5. Strike Team / Task Force / Resource Identifier	6. Leader	7. Assignment Location

8. Work Assignment Special Instructions (if any) [Ops]

9. Special Equipment / Supplies Needed for Assignment (if any) [Ops]

10. Special Environmental Considerations (if any) [P.S.C.]

11. Special Site-Specific Safety Considerations (if any) [S.O.]

Approved Site Safety Plan Located at:

12. Other Attachments (as needed)

- ☐ Map
- ☐ Shoreline Cleanup Assessment Team Report
- ☐ _____
- ☐ Weather Forecast
- ☐ Tides
- ☐ _____

13. Prepared by: (Resources Unit Leader) **Date / Time**

ASSIGNMENT LIST ATTACHMENT June 2000 ICS 204a-OS

Electronic version: NOAA 1.0 June 1, 2000

ASSIGNMENT LIST ATTACHMENT (ICS FORM 204a-OS)

Special Note. This form is an optional attachment, which can be used in conjunction with the Assignment List, ICS form 204-OS. The ICS form 204-OS is used to give assignments to Divisions and Groups; the ICS form 204a-OS provides more specific assignment information, when needed. If there is a check, then there will be one ICS form 204a-OS for each Strike Team / Task Force / Resource Identifier listed in Item 6 of ICS form 204-OS and marked with a check (•) in the last column. The need for an ICS form 204a-OS is determined by the Planning and Operations Section Chiefs during the Operational Planning Worksheet (ICS form 215-OS) development.

Purpose. The Assignment List Attachment informs field personnel of specific incident assignment information. Once the Unified Command and General Staff agree to the Group / Division assignments, the specific assignment information is given to the appropriate Strike Team or Task Force Leaders.

Preparation. The Assignment List Attachment form is normally prepared by the Resources Unit under the direction of the Planning and Operations Section Chiefs using guidance from the Incident Objectives (ICS form 202-OS) and the Operational Planning Worksheet (ICS form 215-OS).

Distribution. The Assignment List Attachment is duplicated and distributed to the Group or Division supervisor for communication to individual Task Forces and Strike Teams. In some cases, assignments may be communicated via radio, phone, or computer. All completed original forms MUST be given to the Documentation Unit.

NOTE: A separate sheet is used for each Strike Team or Task Force.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Branch	Enter the Branch designator.
4.	Division/Group	Enter the Division/Group designator.
5.	Strike Team / Task Force / Resource Identifier	Enter the Identifier of the Strike Team / Task Force / Resource.
6.	Leader	Enter the name of the Strike Team / Task Force leader.
7.	Assignment Location	Enter the location of the assignment for the Strike Team / Task Force.
8.	Work Assignment Special Instructions (if any) [OPS]	Provide special instructions, as needed, to highlight site-specific work assignments.
9.	Special Equipment and/or Supplies Needed for Assignment (if any) [OPS]	Enter a description, quantity, and comments for special equipment and/or supplies needed for this assignment.

Item #	Item Title	Instructions
10.	Special Environmental Considerations (if any) [PSC]	Enter any special environmental considerations specific to this location (e.g., presence of endangered species, archeological sites, sensitive habitats to be avoided, etc.). If needed, reference the Resources at Risk Summary (ICS form 232-OS) for further information.
11.	Special Site-Specific Safety Considerations [SO]	Enter any safety considerations specific to this location. For example, presence of dangerous wildlife, possibility of hazardous materials in the area, rough terrain issues, etc. Enter the location where the Approved Site Safety Plan is available for review.
12.	Additional Attachments (as needed)	"X" the appropriate box for any attachments.
13.	Prepared By	Enter the name of the person completing the form, normally the Resources Unit Leader.
	Date/Time	Enter the Date (month, day, year) and Time (24-hour clock) the form was prepared.

1. Incident Name	2. Operational Period (Date / Time) From: To:	INCIDENT RADIO COMMUNICATIONS PLAN ICS 205-OS

3. BASIC RADIO CHANNEL USE

SYSTEM / CACHE	CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMARKS

4. Prepared by: (Communications Unit) Date / Time

INCIDENT RADIO COMMUNICATIONS PLAN (ICS FORM 205-OS)

Special Note. This form, ICS 205-OS, is used to provide, in one location, information on all radio frequency assignments down to the Division/Group level for each operational period; whereas, the Communications List, ICS 205a-OS is used to list methods of contact for personnel assigned to the incident (radio frequencies, phone numbers, pager numbers, etc.),

Purpose. The Incident Radio Communications Plan is a summary of information obtained from the Radio Requirements Worksheet (ICS form 216) and the Radio Frequency Assignment Worksheet (ICS form 217). Information from the Radio Communications Plan on frequency assignments is normally noted on the appropriate Assignment List (ICS form 204-OS).

Preparation. The Incident Radio Communications Plan is prepared by the Communications Unit Leader and given to the Planning Section Chief. Detailed instructions on the preparation of this form may be found in ICS Publication 223-5, Communications Unit Position Manual.

Distribution. The Incident Radio Communications Plan is duplicated and given to all recipients of the Incident Objectives form, including the Incident Communications Center. Information from the plan is placed on Assignment Lists. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Basic Radio Channel Use	Enter the following information about radio channel use:
	System	Radio cache system(s) assigned and used on the incident.
	Channel	Radio channel numbers assigned.
	Function	Function each channel is assigned (e.g., command, support, division tactical, and ground-to-air).
	Frequency	Radio frequency tone number assigned to each specified function (e.g., 153.400)
	Assignment	ICS organization assigned to each of the designated frequencies (e.g., Branch I, Division A).
	Remarks	This section should include narrative information regarding special situations.
4.	Prepared By	Enter the name of the Communications Unit Leader preparing the form.
	Date/Time	Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	**COMMUNICATIONS LIST** **ICS 205A-OS**

3. Basic Local Communications Information

Assignment	Name	Method(s) of contact (radio frequency, phone, pager, cell #(s), etc.)

4. Prepared by: (Communications Unit) **Date / Time**

COMMUNICATIONS LIST (ICS FORM 205a-OS)

Special Note. This optional form is used in conjunction with the Incident Radio Communications Plan, ICS form 205-OS. Whereas the ICS form 205-OS is used to provide information on all radio frequencies down to the Division/Group level, the Communications List, ICS form 205a-OS, lists methods of contact for personnel assigned to the incident (radio frequencies, phone numbers, pager numbers, etc.), and functions as an incident directory.

Purpose. The Communications List records methods of contact for personnel on scene.

Preparation. The Communications List can be filled out during check-in and is maintained and distributed by Communications Unit personnel.

Distribution. The Communications List is distributed within the ICS and posted, as necessary. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Basic Local Communications Information	Enter the communications methods assigned and used for each assignment.
	Assignment	Enter the ICS organizational assignment.
	Name	Enter the name of the contact person for the assignment.
	Method(s) of contact	Enter the radio frequency, telephone number(s), etc. for each assignment.
4.	Prepared By	Enter the name of the Communications Unit Leader preparing the form.
	Date/Time	Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	MEDICAL PLAN ICS 206-OS

3. Medical Aid Stations

Name	Location	Contact #	Paramedics On site (Y/N)

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Pad?
			Air	Ground		

6. Special Medical Emergency Procedures

7. Prepared by: (Medical Unit Leader) Date / Time	8. Reviewed by: (Safety Officer) Date / Time

MEDICAL PLAN (ICS FORM 206-OS)

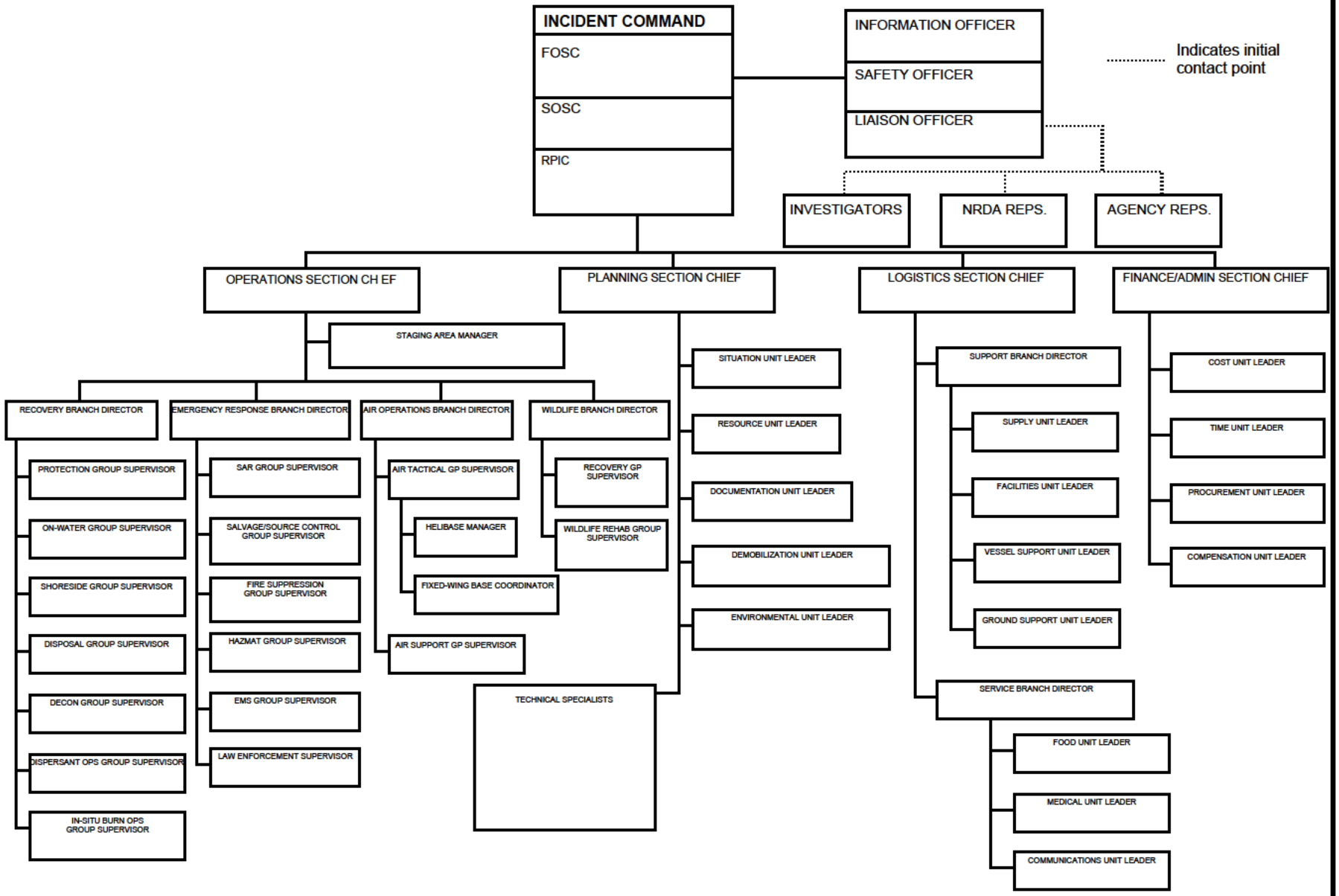
Purpose. The Medical Plan provides information on incident medical aid stations, transportation services, hospitals, and medical emergency procedures.

Preparation. The Medical Plan is prepared by the Medical Unit Leader and reviewed by the Safety Officer.

Distribution. The Medical Plan may be attached to the Incident Objectives (ICS form 202-OS), or information from the plan pertaining to incident medical aid stations and medical emergency procedures may be taken from the plan and noted on the Assignment List (ICS form 204-OS) or on the Assignment List Attachment (ICS form 204a-OS). All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Medical Aid Stations	Enter name, location, and telephone number of the medical aid station(s) (e.g., Cajon Staging Area, Cajon Camp Ground) and indicate if paramedics are located at the site.
4.	Transportation	List name and address of ambulance services. Provide phone number and indicate if ambulance company has paramedics.
5.	Hospitals	List hospitals that could serve this incident. Enter hospital name, address, phone number, the travel time by air and ground from the incident to the hospital, and indicate if the hospital has a burn center and/or a helipad.
6.	Medical Emergency Procedures	Note any special emergency instructions for use by incident personnel.
7.	Prepared By Date/Time	Enter the name of the Medical Unit Leader preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).
8.	Reviewed By Date/Time	Enter the name of the Safety Officer who must review the plan. Enter date (month, day, year) and time reviewed (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	INCIDENT ORGANIZATION CHART ICS 207-OS



Electronic version: NOAA 1.0 June 1, 2000

INCIDENT ORGANIZATION CHART (ICS FORM 207-OS)

Purpose. The Incident Organization Chart is used to indicate what ICS organizational elements are currently activated and the names of personnel staffing each element. **The attached chart is an example of the kind of Organizational Chart used in the ICS.** An actual organization will be event-specific. Not all positions need to be filled. The size of the organization is dependent on the magnitude of the incident and can be expanded or contracted as necessary. Personnel responsible for managing organizational positions are listed in each box as appropriate.

Preparation. The Incident Organization Chart is prepared by the Resources Unit and posted along with other displays at the Incident Command Post. The ICS form 207 may best be used as a wall-size chart for better visibility. A chart is completed for each operational period and updated when organizational changes occur.

Distribution. When competed, the chart is posted on the display board located at the Incident Command Post. All original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.

1. Incident Name	2. Operational Period (Date / Time) From: To:	Time of Report	INCIDENT STATUS SUMMARY ICS 209-OS

3. Spill Status (Estimated, in Barrels) [Ops & EUL/SSC]

Source Status: ☐ Secured ☐ Unsecured

Remaining Potential (bbl): _____

Rate of Spillage (bbl/hr): _____

	Since Last Report	Total
Volume Spilled		
Mass Balance / Oil Budget		
Recovered Oil		
Evaporation		
Natural Dispersion		
Chemical Dispersion		
Burned		
Floating, Contained		
Floating, Uncontained		
Onshore		
Total spilled oil accounted for:		

4. Waste Management (Estimated) [Ops / Disposal]

	Recovered	Stored	Disposed
Oil (bbl)			
Oily Liquids (bbl)			
Liquids (bbl)			
Oily Solids (tons)			
Solids (tons)			

5. Shoreline Impacts (Estimated, in miles) [PSC / EUL / SSC]

Degree of Oiling	Affected	Cleaned	To Be Cleaned
Light			
Medium			
Heavy			
Total			

6. Wildlife Impacts [Ops / Wildlife Br.]

Numbers in ( ) indicate subtotal that are threatened / endangered species.

	Captured	Cleaned	Released	DOA	Died in Facility: Euth.	Died in Facility: Other
Birds						
Mammals						
Reptiles						
Fish						
Total						

7. Safety Status [Safety Officer]

	Since Last Report	Total
Responder Injury		
Public Injury		

8. Equipment Resources [RUL]

Description	Ordered	Available / Staged	Assigned	Out of Service
Spill Resp. Vsls				
Fishing Vessels				
Tugs				
Barges				
Other Vessels				
Skimmers				
Boom (ft.)				
Sbnt/Snr Bm. (ft.)				
Vacuum Trucks				
Helicopters				
Fixed Wing				

9. Personnel Resources [RUL]

Description	People in Cmd. Post	People in the Field	Total People On Scene
Federal			
State			
Local			
RP			
Contract Personnel			
Volunteers			
Total Response Personnel from all Organizations:			

10. Special Notes

11. Prepared by: (Situation Unit Leader)

INCIDENT STATUS SUMMARY (ICS FORM 209-OS)

Purpose. The Status Summary:
1. Is used by Situation Unit personnel for posting information on Status Boards.
2. Is duplicated and provided to Command Staff members, giving them basic information for planning for the next operational period.
3. Provides information to the Information Officer for preparing news media releases.
4. Summarizes incident information for local and off-site coordination centers.

Preparation. The Status Summary is prepared by the Situation Unit. Resources information should be obtained from the Resources Unit. It may be scheduled for presentation to the Planning Section Chief and other General Staff members prior to each Planning Meeting and may be required at more frequent intervals by the Unified Command or Planning Section Chief. Suggested sources of information are noted in brackets.
Note: The values on the ICS form 209-OS are the best available estimates at the Time of Report (Item # 2 on form). This form is usually in high demand and should be filled out early and often. A suggested source within the ICS organization is noted in brackets [ ] at the top right of each section of the form. All fields need not be completed in order to distribute the form.
Distribution. When completed, the form is duplicated and copies are distributed to the Unified Command and staff, and all Section Chiefs, Planning Section Unit Leaders, and the Joint Information Center. It is also posted on a status board located at the ICP. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Period Covered by Report	Enter the date and time interval for which the report applies. Use 24-hour clock for all times. Enter time for which this information applies.
	Time of Report	Enter the Time (24-hour clock) the form was prepared.
3.	Spill Status [Ops & EUL/SSC]	Indicate whether the spill source is secured or unsecured and estimate the remaining potential and the rate of spillage discharge or release. Enter the estimated amounts in barrels for each category. Values entered in the column labeled Since Last Report are from the start of the Period Covered by Report (Item 2) to the time entered in the Time of Report (Item 2).
4.	Mass Balance/Oil Budget	These fields are designed to account for all spilled oil whether recovered, evaporated, dispersed, burned, floating, or on shore. The total of these estimates should approximate the total volume spilled, discharged, or released. Values for evaporation, dispersion, etc. can be obtained from the Environmental Unit and/or the Scientific Support Coordinator.
5.	Waste Management [Ops/Disposal]	Enter the estimated amounts in barrels or tons for each category. Oil (bbl) is the sum of the estimate of oil in oily liquids and oil in oily solids, and is the value to be entered under "Total Recovered Oil" in Item 3.
6.	Shoreline Impacts [PSC/EUL/SSC]	Enter the total miles in each category for each degree of oiling. Definitions for Light, Medium, and Heavy oiling can be obtained from the EUL/SSC and should be consistent throughout the incident.

Item #	Item Title	Instructions
7.	Wildlife Impacts [Ops/Wildlife Br.]	This information is only tracked after an animal is captured. Indicate the actual number of oiled wildlife in each category. Use numbers in parentheses to indicate the subtotal of threatened / endangered species included in the numbers given.
	Safety Status [Safety Officer]	Indicate the number of serious injuries. Values entered in the column labeled Since Last Report are from the start of the Period Covered by Report (Item 2) to the time entered in the Time of Report (Item 2).
8.	Equipment Resources [RUL]	Indicate the number of each type of resource in each status category. There are blank lines below each general type of resource for additional equipment.
	Ordered	Ordered but not yet arrived/available.
	Available/Staged	Arrived on scene, stored in staging, not assigned to any task, available for use.
	Assigned	Assigned to a specific task.
	Out of Service	Not working and not assigned to any task (e.g., skimmer being repaired, boom broken, personnel off-duty for rest).
9.	Personnel Resources [RUL]	Indicate, by agency, the numbers of personnel assigned. There are blank lines for additional personnel, as needed.
10.	Special Notes	Use this area for any special notes or other information related to this reporting period. This could include financial/cost information, specific endangered species notes, significant events that occurred, etc.
11.	Prepared By	Enter name and title of the person preparing the form, normally the Situation Unit Leader.

1. Incident Name	2. Operational Period (Date / Time) From: To:	STATUS CHANGE ICS 210-OS

3. Personnel / Resource Name or I.D.

4. New Status

☐ Available / Staged ☐ Assigned _____ ☐ Out of Service

5. FROM Location or Status	6. TO Location or Status

7. Time of Location / Status Change

8. Comments

9. Prepared by: **Date / Time**

10. Processed by: (Resource Unit) **Date / Time**

STATUS CHANGE (ICS FORM 210-OS)

Purpose. The Status Change form is used to record status change information received on resources assigned to the incident.

Preparation. The form is completed by radio/telephone operators who receive status change information from individual resources, Task Forces, Strike Teams, and Division/Group Supervisors. Status information could also be reported by Staging Area and Helibase Managers or fixed-wing facilities.

Distribution. The original is given to the Resources Unit, and the Communications Unit retains a second copy. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Personnel/Resource Name or I.D.	Enter the Personnel/Resource Name or Identifier.
4.	New Status	Check the new status of the personnel or resource.
5.	FROM Location or Status	Enter the location or status from which the resource is changing.
6.	TO Location or Status	Enter the location or status to which the resource is changing.
7.	Time of Location / Status Change	Enter time of change (24-hour clock).
8.	Comments	Use this area for other information.
9.	Prepared By Date/Time	Enter name and title of the person preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).
10.	Processed by Resources Unit Date/Time	Enter name and title of the person in the Resources Unit processing the form. Enter date (month, day, year) and time processed (24-hour clock).

CHECK-IN LIST	1 INCIDENT NAME	2 CHECK-IN LOCATION __ BASE __ CAMP_____ __ STAGING AREA _____ __ ICP RESOURCES _____ __ HELIBASE	3 DATE/TIME

CHECK-IN INFORMATION

4 LIST PERSONNEL (OVERHEAD) BY AGENCY & NAME - OR- LIST EQUIPMENT BY THE FOLLOWING FORMAT: AGENCY	SINGLE T/F S/T	KIND	TYPE	ID NO /NAME	5 ORDER/ REQUEST NUMBER	6 DATE/TIME CHECK-IN	7 LEADER'S NAME	8 TOTAL NO PERSONNEL	9 MANIFEST YES	9 MANIFEST NO	10 CREW WEIGHT OR INDIVIDUALS WEIGHT	11 HOME BASE	12 DEPARTURE POINT	13 METHOD OF TRAVEL	14 INCIDENT ASSIGNMENT	15 OTHER QUALIFICATION	16 SENT TO RESOURCES TIME/INT
17 ICS 211 PAGE _____ of _____				18 PREPARED BY (NAME AND POSITION) USE BACK FOR REMARKS OR COMMENTS													

Electronic version: NOAA 1.0 June 1, 2000

CHECK-IN LIST (ICS FORM 211)

Purpose. Personnel and equipment arriving at the incident can check in at various incident locations. Check-in consists of reporting specific information which is recorded on the form.

Preparation. The Check-In List is initiated at a number of incident locations including staging areas, base camps, helibases, and ICP. Managers at these locations record the information and give it to the Resources Unit as soon as possible.

Distribution. Check-In Lists are provided to both the Resources Unit and the Finance Section. The Resources Unit maintains a master list of all equipment and personnel that have reported to the incident. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Check-in	Enter an "X" in the box indicating where the resource or person checked in.
3.	Date / Time Prepared	Enter the date (e.g., 09/17/1996) and time (e.g., 1530) prepared.
4.	List Personnel (Overhead) by Agency & Name	Use this section to list agency three-letter designator and individual names for all overhead personnel. When listing equipment, use three-letter designator, indicate if resource is a single resource, task force or strike team; enter kind of resource (letter for single resource, 1-3 for Strike Team); enter type of resource (1-4), and designated id. no.
5.	Order / Request Number	Order number will be assigned by Agency dispatching the resources or personnel to the incident.
6.	Date / Time Check-In	Self explanatory.
7.	Leader's Name	Self explanatory.
8.	Total Number Personnel	Enter total number of personnel in strike teams, task forces or manning single resources. Include leaders.
9.	Manifest	Indicate if a manifest was prepared by entering "Yes" or "No" in the field.
10.	Crew Weight or Individual's Weight	Self explanatory.
11.	Home Base	Location at which the resource / individual is normally assigned.
12.	Departure Point	Location from which resource / individual departed for this incident.
13.	Method of Travel	Means of travel to incident (bus, truck, engine, personal vehicle, etc.)

14.	Incident Assignment	Assignment at time of dispatch.
15.	Other Qualifications	List any other ICS position the individual has been trained to fill.
16.	Sent to	Enter initials and time that the info. Pertaining to that entry was sent to the Resources Unit.
17.	Page	Indicate page no. and no. of pages being used for Check-In at this location.

1. Incident Name	2. Operational Period (Date / Time) From: To:	3. Check-in Location ☐ Command Post ☐ Other ☐ Staging Area ____	CHECK-IN LIST (Equipment) ICS 211e-OS

Equipment Check-in Information					9. Initial Incident Check-In?	10. Time	
4. Equipment Description	5. Equipment Identifier	6. Supplier/Owner	7. Assignment	8. Contact Information	(X)	In	Out
					☐		
					☐		
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11. Prepared by: Date / Time	12. Date / Time Sent to Resource Unit

CHECK-IN LIST Equipment (ICS FORM 211e-OS)

Special Note. This form is used for equipment check-in only.

Purpose. Equipment arriving at the incident can check in at various incident locations. Check-in consists of reporting specific information that is recorded on the form.

Preparation. The Check-In List is initiated at a number of incident locations including staging areas, base, camps, helibases, and ICP. Managers at these locations record the information and give it to the Resources Unit as soon as possible.

Distribution. Check-In Lists are provided to both the Resources Unit and the Finance/Administration Section. The Resources Unit maintains a master list of all equipment and personnel that have reported to the incident. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Check-in Location	Check the box for the location where the equipment was checked in.
4.	Equipment Description	Enter a description of the equipment (e.g., 36" open water boom, skimmer, vac truck, etc.).
5.	Equipment Identifier	Enter the Identifier for the equipment (e.g., radio call-sign, vessel name, vendor name, license plate, etc.).
6.	Supplier/Owner	Enter the supplier/owner of the equipment.
7.	Assignment	Work assignment, if known. Arriving equipment may not have an assignment at time of check-in.
8.	Contact Information	Enter the contact information for the person operating equipment.
9.	Initial Incident Check-in?	Check if this is the first time the equipment has been checked in.
10.	Time In/Out	Enter the time the equipment is checked in and/or out (24-hour clock).
11.	Prepared By Date/Time	Enter name and title of the person preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).
12.	Date/Time Sent to Resources Unit	Enter date (month, day, year) and time (24-hour clock) the form is sent to the Resources Unit.

1. Incident Name	2. Operational Period (Date / Time) From: To:	3. Check-in Location ☐ Command Post ☐ Other ☐ Staging Area ___	CHECK-IN LIST (Personnel) ICS 211p-OS

Personnel Check-in Information				8. Initial Incident Check-In?	9. Time	
4. Name	5. Company / Agency	6. ICS Section / Assignment / Quals.	7. Contact Information	(X)	In	Out
				☐		
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10. Prepared by: Date / Time	11. Date / Time Sent to Resources Unit

Electronic version: NOAA 1.0 June 1, 2000

CHECK-IN LIST Personnel (ICS FORM 211p-OS)

Special Note. This form is used for personnel check-in only.

Purpose. Personnel arriving at the incident can be checked in at various incident locations. Check-in consists of reporting specific information that is recorded on the form.

Preparation. The Check-In List is initiated at a number of incident locations including staging areas, base, camps, helibases, and ICP. Managers at these locations record the information and give it to the Resources Unit as soon as possible.

Distribution. Check-In Lists are provided to both the Resources Unit and the Finance/Administration Section. The Resources Unit maintains a master list of all equipment and personnel that have reported to the incident. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Check-in Location	Check the box for the check-in location.
4.	Name	Enter the name of the person.
5.	Company/Agency	Enter the company or agency with which the individual is associated.
6.	ICS Section / Assignment / Quals.	Enter ICS Section and assignment, if known, and note any other ICS qualifications, if needed.
7.	Contact Information	Enter the contact information for the person.
8.	Initial Incident Check-in?	Check if this is the first time a person has checked in for this incident.
9.	Time In/Out	Enter the time the person checks in and/or out (24-hour clock).
10.	Prepared By Date/Time Prepared	Enter name and title of the person preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).
11.	Date/Time Sent to Resources Unit	Enter date (month, day, year) and time (24-hour clock) the form is sent to the Resources Unit.

1. Incident Name	2. Date and Time of Message	GENERAL MESSAGE ICS 213-OS
3. TO:	ICS Position	
4. FROM:	ICS Position	
5. Subject:		
6. Message		
7. Reply		
8. Signature / Position (person replying)	Date / Time of reply	

General Message (ICS FORM 213-OS)

Purpose. The General Message is used by:
Incident personnel to record incoming messages which cannot be orally transmitted to the intended recipients;
Command Post and other incident personnel to transmit messages to the Incident Communications Center for transmission via radio or telephone to the addressee;
Incident personnel to send any message or notification to incident personnel which requires a hard-copy delivery;
Incident personnel to place resource orders.

Preparation. This form is prepared by any incident personnel needing to transmit a hard-copy message. The recipient should send a timely reply to the originator, as necessary.

Distribution. Upon completion, the General Message may be hand-carried to the addressee or to the incident Communications Center for transmission. Originator retains a copy of the form. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Date and Time of Message	Enter the date and time of message origination.
3.	To	Enter name and ICS position of message recipient.
4.	From	Enter name and ICS position of message sender.
5.	Subject	Indicate the message subject.
6.	Message	Enter message.
7.	Reply	This section to be used by the unit/person who receives the message to reply to your message.
8.	Signature/Position Date/Time of reply	Enter name and position of person replying to this message. Enter date (month, day, year) and time of reply (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	UNIT LOG ICS 214-OS
3. Unit Name / Designators	4. Unit Leader (Name and ICS Position)	

5. Personnel Assigned

NAME	ICS POSITION	HOME BASE

6. Activity Log (Continue on Reverse)

TIME	MAJOR EVENTS

7. Prepared by: **Date / Time**

Electronic version: NOAA 1.0 June 1, 2000

1. Incident Name	2. Operational Period (Date / Time) From: To:	UNIT LOG (CONT.) ICS 214-OS

6. Activity Log (Continuation Sheet)

TIME	MAJOR EVENTS

7. Prepared by: **Date / Time**

UNIT LOG (ICS FORM 214-OS)

Special Note. ICS Form 214-OS is used to log activities for an entire unit, whereas the ICS form 214a-OS is designed for individual use.

Purpose. The Unit Log records details of unit activity, including strike team activity. These logs provide the basic reference from which to extract information for inclusion in any after-action report.

Preparation. A Unit Log is initiated and maintained by Command Staff members, Division/Group Supervisors, Air Operations Groups, Strike Team/Task Force Leaders, and Unit Leaders. Completed logs are submitted to supervisors who forward them to the Documentation Unit.

Distribution. The Documentation Unit maintains a file of all Unit Logs. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Unit Name/Designators	Enter the title of the organizational unit or resource designator (e.g., Facilities Unit, Safety Officer, Strike Team).
4.	Unit Leader	Enter the name and ICS Position of the individual in charge of the Unit.
5.	Personnel Assigned	List the name, position, and home base of each member assigned to the unit during the operational period.
6.	Activity Log	Enter the time and briefly describe each significant occurrence or event (e.g., task assignments, task completions, injuries, difficulties encountered, etc.)
7.	Prepared By	Enter name and title of the person completing the log. Provide log to immediate supervisor, at the end of each operational period.
	Date/Time	Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	INDIVIDUAL LOG ICS 214a-OS

3. Individual Name	4. ICS Section	5. Assignment / Location

6. Activity Log	Page of

Time	Major Events

7. Prepared by:	Date / Time

INDIVIDUAL LOG (ICS FORM 214a-OS)

Special Note. This optional ICS form 214a-OS is a log for individual use, and ICS form 214-OS is designed to log activities for an entire unit.

Purpose. The Individual Log, while not required, records details of each individual's activities. These logs provide a basic reference from which to extract information for inclusion in any after-action report.

Preparation. An Individual Log can be initiated and maintained by each member of the ICS. Completed logs are forwarded to supervisors who provide copies to the Documentation Unit.

Distribution. The Documentation Unit maintains a file of all Individual Logs. The original of each log MUST be submitted to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Individual Name	Enter the name of the individual.
4.	ICS Section	Enter the ICS Section to which the individual is assigned.
5.	Assignment/Location	Enter the assignment or location for the individual.
6.	Activity Log	Enter the time and briefly describe each significant occurrence or event (e.g., task assignments, task completions, injuries, difficulties encountered, etc.)
7.	Prepared By	Enter name and title of the person completing the log. Provide log to immediate supervisor, at the end of each operational period.
	Date/Time	Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	OPERATIONAL PLANNING WORKSHEET ICS 215-OS

3. Division / Group or Location	4. Work Assignments	5. Resource / Equipment														6. Notes / Remarks	7. Reporting Location	8. Requested Arrival Time	9. "X" here if 204a Needed
		Resource																	
		Req.																	☐
		Have																	
		Need																	
		Req.																	☐
		Have																	
		Need																	
		Req.																	☐
		Have																	
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		Have																	
		Need																	
		Req.																	☐
		Have																	
		Need																	
		Req.																	☐
		Have																	
		Need																	
10. Total Resources Required																13. Prepared by: Date Time			
11. Total Resources On Hand																			
12. Total Resources Needed																			

OPERATIONAL PLANNING WORKSHEET (ICS FORM 215-OS)

Purpose. This form communicates to the Resources Unit the resources needed as a result of decisions made during the Tactics and Planning meetings. The Worksheet is used by the Resources Unit to complete the Assignment List (ICS form 204-OS) and by the Logistics Section Chief for ordering resources. The worksheet may also be used by the Resources Unit Leader to complete the Assignment List Attachment(s) (ICS form 204a-OS), if the Operations and Planning Section Chiefs deem it necessary.

Preparation. This form is initiated at the Tactics Meeting and modified and finalized at the Planning Meeting. For ease of use, the form should be enlarged to poster size. This form is principally crafted by the Operations and Planning Section Chiefs. When decisions are reached, the appropriate resource information should be recorded on the form. Use additional sheets, as needed.

Distribution. When the work assignments and accompanying resource allocations are agreed to, the form is distributed to the Resources Unit to help prepare Assignment Lists (ICS form 204-OS) and any needed Assignment List Attachment(s) (ICS form 204a-OS). The Planning Section will use a copy of this worksheet for preparing resource requests for the next operational period. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Division/Group or Location	Enter the Division/Group or other Location Identifier (e.g., Division A - Segment 1, On-water Group 1, Air Group 1, etc.).
4.	Work Assignments	Enter the specific work assignments given to each Division/Group (e.g., on-water skimming, Shoreline Cleanup Assessment Team, shoreline cleanup crews, conduct overflights, etc.).
5.	Resource/Equipment	Complete resource description. Enter the number of resources required "Req." and the number of resources available "Have" to perform the work assignment. The number of resources needed "Need" is the difference between "Req." and "Have."
6.	Notes/Remarks	Provide any additional information needed for this work assignment.
7.	Reporting Location	Enter the specific location the "needed" resources are to report for the work assignments (staging area, etc.)
8.	Requested Arrival Time	Enter time resources are requested to arrive at reporting location (24-hour clock).
9.	Assignment List Attachment 204a Needed	"X" this box if the Planning and Operations Section Chiefs determine that special instructions are needed for a specific Strike Team, Task Force, or single resource (e.g., work assignment, equipment, environmental considerations, or site-specific safety considerations).

Item #	Item Title	Instructions
10.	Total Resources Required	Enter the total number of resources required. Add all of the "Req." fields above.
11.	Total Resources On Hand	Enter the total number of resources on hand. Add all of the "Have" fields above.
12.	Total Resources Needed	The Total Resources Needed is the difference between the Total Resources Required and the Total Resources On Hand.
13.	Prepared By Date/Time	Enter name and title of the person preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).

RADIO REQUIREMENTS WORKSHEET			1. INCIDENT NAME			2. DATE			3. TIME		
4. BRANCH			5. AGENCY			6. OPERATIONAL PERIOD			7. TACTICAL FREQUENCY		
8. DIVISION/GROUP AGENCY			DIVISION/ GROUP AGENCY			DIVISION/ GROUP AGENCY			DIVISION/ GROUP AGENCY		
9. AGENCY	ID NO.	RADIO RQMTS	AGENCY	ID NO.	RADIO RQMTS	AGENCY	ID NO.	RADIO RQMTS	AGENCY	ID NO.	RADIO RQMTS
216 ICS 3-82			PAGE			10. PREPARED BY (COMMUNICATIONS UNIT)					

RADIO REQUIREMENTS WORKSHEET (ICS FORM 216)

Purpose. The Radio Requirements Worksheet is used to develop the total number of personal portable radios required for each Division/Group and Branch. It provides a listing of all units assigned to each Division, and thus depicts the total incident radio needs.

Initiation of Form. The worksheet is prepared by the Communications Unit for each operational period and can only be completed after specific resource assignments are made and designated on Assignment Lists. This worksheet need not be used if the Communications Unit Leader can easily obtain the information directly from Assignment Lists.

Distribution. The worksheet is for internal use by the Communications Unit and therefore there is no distribution of the form.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Date	Enter date prepared (e.g., 09/17/1996).
3.	Time Prepared	Enter time prepared (e.g., 1530).
4.	Branch	Enter the Branch number (I, II, etc.) for which radio requirements are being prepared.
5.	Agency	Enter the three-letter designator of the agency staffing the Branch Director position (e.g., VNC, CDF, ANF, LFD, etc.).
6.	Operational Period	Enter the time interval for which the assignment applies (e.g., 9/17/96-0600 to 9/18/96-0600).
7.	Tactical Frequency	Enter the radio frequency to be used by the Branch Director to communicate with each Division/Group Supervisor in the Branch.
8.	Division/Group	Enter for each Division/Group in the Branch the Division/Group identifier (A, B, etc.) and the agency assigned (e.g., LAC, VNC, etc.).
9.	Agency/ID No./Radio Requirements	List all units assigned to each Division/Group. Record the agency designator, unit or resource identification, and total number of radios needed for each unit or resource.
10.	Prepared By	Enter the name and position of the person completing the worksheet.

RADIO FREQUENCY ASSIGNMENT WORKSHEET

1 INCIDENT NAME	2 DATE	3 OPERATIONAL PERIOD (DATE/TIME) From:

5 RADIO DATA SOURCE	FUNCTION	CH#	FREQUENCY	4 INCIDENT ORGANIZATION BRANCH	DIVISION	DIVISION	DIVISION	BRANCH	DIVISION	DIVISION	DIVISION	BRANCH	DIVISION	DIVISION	DIVISION	INCIDENT COMMANDER	SAFETY OFFICER	OPERATIONS SECTION CHIEF	AIR OPERATIONS	AIR TACTICAL SUPERVISOR	PLANNING SECTION CHIEF	AIR/GND SUPPORT UNIT	BASE UNIT							COMM CENTER	TOTAL BY REQ
6 AGENCY	ID		CH#	FREQUENCY																											
7 TOTAL RADIOS REQUIRED																															
217 ICS																								8 PREPARED BY (NAME/POSITION)							

Electronic version: NOAA 1.0 June 1, 2000

RADIO FREQUENCY ASSIGNMENT WORKSHEET (ICS FORM 217)

Purpose. The Radio Frequency Assignment Worksheet is used by the Communications Unit Leader to assist in determining frequency allocations.

Preparation. Cache radio frequencies available to the incident are listed on the form. Major agency frequencies assigned to the incident should be added to the bottom of the worksheet.

Distribution. The worksheet, prepared by the Communications Unit, is for internal use.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Date	Enter date prepared (e.g., 09/17/1996).
3.	Operational Period	Enter the time interval for which the assignment applies (e.g., 9/17/96-0600 to 9/18/96-0600).
4.	Incident Organization	List frequencies allocated for each channel for each organizational element activated, record the number of radios required to perform the designated function on the specified frequency.
5.	Radio Data	For each radio cache and frequency assigned, record the associated function. Functional assignments are: a. Command b. Support c. Division tactical d. Ground-to-air
6.	Agency	List the frequencies for each major agency assigned to the incident. Also list the function and channel number assigned.
7.	Total Radios Required	Totals for each row and column are calculated automatically. This provides the number of radios required by each organizational unit and the number of radios using each available frequency.
8.	Prepared By	Enter the name and position of the person completing the worksheet.

SUPPORT VEHICLE INVENTORY (USE SEPARATE SHEET FOR EACH VEHICLE CATEGORY)	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED

VEHICLE INFORMATION

a. TYPE	b. MAKE	c. CAPACITY/SIZE	d. AGENCY/OWNER	e. I.D. NO.	f. LOCATION	g. RELEASE TIME

218 ICS 8-78	PAGE	5. PREPARED BY (GROUND SUPPORT UNIT)

SUPPORT VEHICLE INVENTORY (ICS FORM 218)

Purpose. The Support Vehicle Inventory form provides an inventory of all transportation and support vehicles assigned to the incident. The information is used by the Ground Support Unit to maintain a record of the types and locations of vehicles on the incident. The Resources Unit uses the information to initiate and maintain status/resources information on these resources.

Preparation. The form is prepared by Ground Support Unit personnel at intervals specified by the Ground Support Unit Leader.

Distribution. Initial inventory information recorded on the form should be given to the Resources Unit. Subsequent changes to the status or location of transportation and support vehicles should be provided to the Resources Unit immediately.

NOTE:
a. The Ground Support Unit Leader may prefer to use separate sheets for each type of support vehicle (e.g., buses, pickups, and food tenders).
b. More than one line may be used to record information on each vehicle. If this is done, separate individual vehicle entries with a heavy line.
c. Several pages may be used. When this occurs, number the pages consecutively (in the number box at bottom of form).

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Date Prepared	Enter date prepared (e.g., 09/17/1996).
3.	Time Prepared	Enter time prepared (e.g., 1530).
4.	Vehicle Information	Record the following vehicle information:
	Type	a. Specific vehicle type (e.g., bus, stakeside, etc.).
	Make	b. Vehicle manufacturer name (e.g., GMC, International).
	Capacity/Size	c. Vehicle capacity / size (e.g., 30-person bus, 3/4 ton truck).
	Owner	d. Owner of vehicle (agency or private owner).
	ID Number	e. Serial or other identification number.
	Location	f. Location of vehicle.
	Release Time	g. Time vehicle is released from incident.
5.	Prepared By	Enter name of the person completing the form.

GREEN CARD STOCK (CREW)

AGENCY	ST	KIND	TYPE	I D NO /NAME

ORDER/REQUEST NO	DATE/TIME CHECK IN

HOME BASE

DEPARTURE POINT

LEADER NAME

CREW ID NO /NAME (FOR STRIKE TEAMS)

NO PERSONNEL	MANIFEST	WEIGHT

METHOD OF TRAVEL

OTHER

DESTINATION POINT	ETA

TRANSPORTATION NEEDS

OTHER

ORDERED DATE/TIME	CONFIRMED DATE/TIME

REMARKS

ICS 219-2 (Rev 4/82) CREW NFES 1344

AGENCY	ST	TF	KIND	TYPE	I D NO /NAME

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

Electronic version: NOAA 1.0 June 1, 2000

ICS 219_2 HANDCREWS
GREEN COLORED CARD

Purpose. Resource Status Cards are used by the Resources Unit to record status and location information on resources, transportation, and support vehicles and personnel. The Resource Status Cards provide a visual display of the status and location of resources assigned to the incident.

Preparation. Information to be placed on the cards may be obtained from several sources including but not limited to:

1. ICS Briefing (ICS Form 201)
2. Check-In List (ICS Form 211)
3. Status Change Card (ICS Form 210)
4. Agency supplied information

Detailed information on preparing status cards is found in Resources Unit Position Manual (ICS 221-3).

Distribution. The cards are displayed in resource status racks where they can be easily retrieved. Cards will be retained by the Resources Unit until demobilization. At demobilization all cards MUST be turned into the Documentation Unit.

Item Title	Instructions
Order/Request No.	Number assigned by dispatching agency.
Home Base	Location at which Handcrew is normally located.
Departure Point	Location from which Handcrew left to reach this incident.
Crew ID No./Name (for Strike Teams)	List commonly used names or numbers to identify the crews which make up the Strike Team.
No. Personnel	Total no. of personnel (including Leader) in Crew or Strike Team.
Manifest	Was a manifest prepared for the Crew/Strike Team?
Weight	Total weight (including equipment and personal belongings) of the Crew/Strike Team.
Destination Point	Next location to which Crew/Strike Team is being sent from the incident.
Method of Travel	Enter the appropriate method of travel (e.g., own, bus, air).
Transportation Needs	Enter the appropriate transportation needs (e.g., own, bus, air).
Status	Choose the appropriate entry from the pop-up menu. If the item is O/S (out-of-service), enter the ETR (estimated time of return) in the ETR field below the Status field.

BLUE CARD STOCK (HELICOPTER)

AGENCY	TYPE	MANUFACTURER NAME/NO	I D NO

ORDER/REQUEST NO	DATE/TIME CHECK IN

HOME BASE

DEPARTURE POINT

PILOT NAME

DESTINATION POINT	ETA

REMARKS

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

ICS 219-4 (Rev 4/82) HELICOPTER NFES 1346

AGENCY	TYPE	MANUFACTURER	I D NO

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

NFES 1346

Electronic version: NOAA 1.0 June 1, 2000

ICS 219_4 HELICOPTER - BLUE COLORED CARD

Purpose. Resource Status Cards are used by the Resources Unit to record status and location information on resources, transportation, and support vehicles and personnel. The Resource Status Cards provide a visual display of the status and location of resources assigned to the incident.

Preparation. Information to be placed on the cards may be obtained from several sources including but not limited to:
1. ICS Briefing (ICS Form 201)
2. Check-In List (ICS Form 211)
3. Status Change Card (ICS Form 210)
4. Agency supplied information

Detailed information on preparing status cards is found in Resources Unit Position Manual (ICS 221-3).

Distribution. The cards are displayed in resource status racks where they can be easily retrieved. Cards will be retained by the Resources Unit until demobilization. At demobilization all cards MUST be turned into the Documentation Unit.

Item Title	Instructions
Order/Request No.	Number assigned by dispatching agency.
Home Base	Location at which helicopter is normally located.
Departure Point	Location from which helicopter left to reach this incident.
Destination Point	Next location to which helicopter is being sent from the incident.
Incident Location	Assigned location information on helicopters may be the same as other resources (e.g., Division A). However, location could also indicate a "general" working location (e.g., water-dropping in Branch 1; or Crew Transport – Wilson Staging Area).
Status	Choose the appropriate entry from the pop-up menu. If the item is O/S (out-of-service), enter the ETR (estimated time of return) in the ETR field below the Status field.
Manufacturer Name/No.	e.g., Bell 206

ORANGE CARD STOCK (AIRCRAFT)

AGENCY	TYPE	MANUFACTURER NAME/NO	I D NO

ORDER/REQUEST NO	DATE/TIME CHECK IN

HOME BASE

DATE TIME RELEASED

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

ICS 219-6 (4/82) AIRCRAFT

AGENCY	TYPE	MANUFACTURER	I D NO

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

NFES 1348

Electronic version: NOAA 1.0 June 1, 2000

ICS 219_6 AIRCRAFT - ORANGE COLORED CARD

Purpose. Resource Status Cards are used by the Resources Unit to record status and location information on resources, transportation, and support vehicles and personnel. The Resource Status Cards provide a visual display of the status and location of resources assigned to the incident.

Preparation. Information to be placed on the cards may be obtained from several sources including but not limited to:
1. ICS Briefing (ICS Form 201)
2. Check-In List (ICS Form 211)
3. Status Change Card (ICS Form 210)
4. Agency supplied information

Detailed information on preparing status cards is found in Resources Unit Position Manual (ICS 221-3).

Distribution. The cards are displayed in resource status racks where they can be easily retrieved. Cards will be retained by the Resources Unit until demobilization. At demobilization all cards MUST be turned into the Documentation Unit.

Item Title	Instructions
Order/Request No.	Number assigned by dispatching agency.
Home Base	Location at which aircraft is normally located.
Departure Point	Location from which aircraft left to reach this incident.
Destination Point	Next location to which aircraft is being sent from the incident.
Incident Location	Reflect the area of the incident to which aircraft is primarily assigned (e.g., Branch 1).
Status	Choose the appropriate entry from the pop-up menu. If the item is O/S (out-of-service), enter the ETR (estimated time of return) in the ETR field below the Status field.
Manufacturer Name/No.	e.g., Douglas DC-3

YELLOW CARD STOCK (DOZERS)

AGENCY	ST TF	KIND	TYPE	I D NO

ORDER/REQUEST NO	DATE/TIME CHECK IN

HOME BASE

DEPARTURE POINT

LEADER NAME

RESOURCE ID NO S/NAMES

DESTINATION POINT	ETA

REMARKS

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

ICS 219-7 (Rev 4/82) DOZERS NFES 1349

AGENCY	ST TF	KIND	TYPE	I D NO /NAME

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

INCIDENT LOCATION	TIME

STATUS

ETR

NOTE

Electronic version: NOAA 1.0 June 1, 2000

ICS 219_7 DOZERS - YELLOW COLORED CARD

Purpose. Resource Status Cards are used by the Resources Unit to record status and location information on resources, transportation, and support vehicles and personnel. The Resource Status Cards provide a visual display of the status and location of resources assigned to the incident.

Preparation. Information to be placed on the cards may be obtained from several sources including but not limited to:
1. ICS Briefing (ICS Form 201)
2. Check-In List (ICS Form 211)
3. Status Change Card (ICS Form 210)
4. Agency supplied information

Detailed information on preparing status cards is found in Resources Unit Position Manual (ICS 221-3).

Distribution. The cards are displayed in resource status racks where they can be easily retrieved. Cards will be retained by the Resources Unit until demobilization. At demobilization all cards MUST be turned into the Documentation Unit.

Item Title	Instructions
Order/Request No.	Number assigned by dispatching agency.
Home Base	Location at which dozer is normally located.
Departure Point	Location from which dozer left to reach this incident.
Resource ID Numbers/Names	List dozer numbers and Operator names for dozers in Strike Teams. Show contractor name as appropriate.
Destination Point	Next location to which dozer is being sent from the incident.
Incident Location	Assigned location information on dozers may be the same as other resources (e.g., Division A). However, location could also indicate a "general" working location (e.g., Cajon Beach).
Status	Choose the appropriate entry from the pop-up menu. If the item is O/S (out-of-service), enter the ETR (estimated time of return) in the ETR field below the Status field.

1. Incident Name	2. Operational Period (Date / Time) From: To:	AIR OPERATIONS SUMMARY ICS 220-OS

3. Distribution

☐ Fixed-Wing Bases _____ ☐ Helibase _____

4. Personnel and Communications

	Air Operations Director	Air / Air Frequency	Air / Ground Frequency
Air Operations Director			
Air Tactical Supervisor			
Air Support Supervisor			
Helicopter Coordinator			
Fixed-Wing Coordinator			

5. Remarks (Spec. Instructions, Safety Notes, Hazards, Priorities)

6. Location / Function	7. Assignment	8. Fixed-Wing		9. Helicopter		10. Time		11. Aircraft Assigned	12. Operating Base
		NO.	TYPE	NO.	TYPE	Available	Commence		
	13. TOTALS								

14. Air Operation Support Equipment	15. Prepared by	Date / Time

Electronic version: NOAA 1.0 June 1, 2000

AIR OPERATIONS SUMMARY (ICS FORM 220-OS)

Purpose. The Air Operations Summary provides the Air Operations Branch with the number, type, location, and specific assignments of aircraft.

Preparation. The summary is completed by the Operations Section Chief or the Air Operations Branch Director during each Planning Meeting. General air resource assignment information is obtained from the Operational Planning Worksheet (ICS form 215-OS). Specific designators of the air resources assigned to the incident are provided by the Air and Fixed-Wing Support Groups.

Distribution. After the summary is completed by Air Operations personnel (except item 11), the form is given to the Air Support Group Supervisor, who completes the form by indicating the designators of the helicopters and fixed-wing aircraft assigned missions during the specified operational period. This information is provided to Air Operations personnel who, in turn, give the information to the Resources Unit. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Distribution	Check the block and enter the time and date when ICS form 220-OS and attachments were sent to all fixed-wing bases and helibases supporting the incident.
4.	Personnel and Communications	List the names of those assigned to each position, and the air-air and air-ground frequencies to be used.
5.	Remarks	Enter the special instructions or information, including safety notes, hazards, and priorities for Air Operations personnel.
6.	Location/Function	Enter the assigned location and function of the aircraft.
7.	Assignment	Enter the scope of work the aircraft is assigned to complete.
8.	Fixed Wing	Indicate the number and type of fixed-wing aircraft available for this Location / Function.
9.	Helicopters	Indicate the number and type of helicopters available for this Location / Function.
10.	Time	Indicate when aircraft will be available for use and when operations commence (use 24 hour clock).
11.	Aircraft Assigned	Enter the designators of the aircraft assigned. Gather information from Resources Unit, helibases, and fixed-wing bases.
12.	Operating Base	Enter the base (helibase, helispot, fixed-wing base) from which each air resource is expected to initiate operations.
13.	Totals	Enter the total number of fixed-wing and helicopter aircraft assigned to the incident in the Number columns. Enter the total number of each type of aircraft assigned in the Type columns.
14.	Air Operations Support Equipment	List the designators and location of other support resources assigned to Air Operations.
15.	Prepared By	Enter name and title of the person preparing the form.

1. Incident Name	2. Operational Period (Date / Time) From: To:	DEMOB. CHECK-OUT ICS 221-OS
3. Unit / Personnel Released		4. Release Date / Time

5. Unit / Personnel

You and your resources have been released, subject to signoff from the following:
(Demob. Unit Leader "X" appropriate box(es))

Logistics Section

- ☐ Supply Unit _____
- ☐ Communications Unit _____
- ☐ Facilities Unit _____
- ☐ Ground Unit _____

Planning Section

- ☐ Documentation Unit _____

Finance / Admin. Section

- ☐ Time Unit _____

Other

- ☐ _____ _____
- ☐ _____ _____
- ☐ _____ _____

6. Remarks

_____

_____

_____

_____

7. Prepared by: **Date / Time**

DEMOB. CHECK-OUT (ICS FORM 221-OS)

Purpose. This form provides the Planning Section information on resource releases from the incident.

Preparation. The Demobilization Unit Leader or the Planning Section initiates this form. The Demobilization Unit Leader completes the top portion of the form after the resource supervisor has given written notification that the resource is no longer needed.

Distribution. The individual resource will have the unit leader initial the appropriate box(es) in item 5 prior to release from the incident. After completion, the form is returned to the Demobilization Unit Leader or the Planning Section. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Strike Team / Unit / Personnel Released	Enter name of Strike Team, Unit or personnel being released.
4.	Release Date/Time	Enter date (month, day, year) and time (24-hour clock) of anticipated release.
5.	Strike Team / Unit / Personnel	Demobilization Unit Leader will enter an "X" in the box to the left of those units requiring check-out. Identified Unit Leaders are to initial to the right to indicate release. NOTE: Blank boxes are provided for any additional unit requirements as needed, (e.g., Safety Officer, Agency Rep., etc.)
6.	Remarks	Enter any additional information pertaining to demobilization or release (e.g., transportation needed, destination, etc.).
7.	Prepared By Date/Time	Enter name and title of the person preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	DAILY MEETING SCHEDULE ICS 230-OS

3. Meeting Schedule (Commonly-held meetings are included)

Date / Time	Meeting Name	Purpose	Attendees	Location
	Tactics Meeting	Develop primary and alternate Strategies to meet Incident Objectives for the next Operational Period.	PSC, OPS, LSC, EUL, RUL & SUL	
	Planning Meeting	Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period.	Determined by the IC/UC	
	Operations Briefing	Present IAP and assignments to the Supervisors / Leaders for the next Operational Period.	IC/UC, Command Staff, General Staff, Branch Directors, Div. Sups., Task Force/Strike Team Leaders and Unit Leaders	
	Unified Command Objectives Meeting	Review / identify objectives for the next operational period.	Unified Command members	

4. Prepared by: (Situation Unit Leader) Date / Time

DAILY MEETING SCHEDULE (ICS FORM 230-OS)

Purpose. The Daily Meeting Schedule records information about the daily scheduled meeting activities.

Preparation. This form is prepared by the Situation Unit Leader and coordinated through the Unified Command for each operational period or as needed. Commonly-held meetings are already included in the form. Additional meetings, as needed, can be entered onto the form in the spaces provided. Time and location for each meeting must be entered. If any of these standard meetings are not scheduled, they should be crossed out on the form.

Distribution. After coordination with the Unified Command, the Situation Unit Leader will duplicate the schedule and post a copy at the Situation Status Board and distribute to the Command Staff, Section Chiefs, and appropriate Unit Leaders. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Meeting Schedule	For each scheduled meeting, enter the date/time, meeting name, purpose, attendees, and location. Note: Commonly-held meetings are included in the form. Additional meetings, as needed, can be entered onto the form in the spaces provided. Time and location for each meeting must be entered. If any of the standard meetings are not scheduled, they should be deleted from the form (normally the Situation Unit Leader).
4.	Prepared By	Enter name and title of the person preparing the form, normally the Situation Unit Leader.
	Date/Time	Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Meeting Date / Time	**MEETING SUMMARY** **ICS 231-OS**

3. Meeting Name

4. Meeting Location

5. Facilitator

6. Attendees

7. Notes (with summary of decisions and action items)

8. Prepared by: **Date / Time**

MEETING SUMMARY (ICS FORM 231-OS)

Purpose. The Meeting Summary provides more detailed information concerning the attendees and notes from a particular meeting.

Preparation. This form is prepared under the direction of the facilitator of the meeting and coordinated through the Unified Command.

The following lists the usual facilitator for each meeting:
Unified Command Meeting - Facilitated by a member of the Unified Command.
Initial Incident ICS 201 Briefing - Facilitated by the initial Incident Commander.
Tactics Meeting - Facilitated by the Planning Section Chief.
Planning Meeting - Facilitated by the Planning Section Chief.
Operations Briefing - Facilitated by the Planning Section Chief.
Command Staff Meeting - Facilitated by a member of the Unified Command.
Business Management Meeting - Facilitated by a member of the Unified Command.
Agency Representative Meeting - Facilitated by the Liaison Officer.
Press Briefing - Facilitated by the Information Officer.

Distribution. After completion and approval by Unified Command, the Situation Unit Leader will distribute a copy of the Meeting Summary to the attendees and post it at the Situation Display. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Meeting Date/Time	Enter date and time of meeting.
3.	Meeting Name	Enter name of meeting.
4.	Meeting Location	Enter location of meeting.
5.	Facilitator	Enter the name and position of the meeting facilitator.
6.	Attendees	List the personnel who need to attend the meeting.
7.	Notes	List a summary of decisions and action items addressed in the meeting.
8.	Prepared By Date/Time	Enter name and title of the person preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	**RESOURCES AT RISK SUMMARY** **ICS 232-OS**

3. Environmentally-Sensitive Areas and Wildlife Issues

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

Narrative

4. Archaeo-cultural and Socio-economic Issues

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

Narrative

5. Prepared by: (Environmental Unit Leader) **Date / Time**

RESOURCES AT RISK SUMMARY (ICS FORM 232-OS)

Purpose. The Resources at Risk Summary provides information about sites in the incident area which are sensitive due to environmental, archaeo-cultural, or socio-economic resources at risk, and identifies incident-specific priorities and issues. The information recorded here may be transferred to ICS form 232a-OS, which acts as a key to the Area Contingency Plan (ACP) or Geographic Response Plan (GRP) site numbers shown on the Situation Map.

Preparation. The Environmental Unit Leader, with input from resource trustees, will complete this form for each operational period. It should be updated prior to the Planning Meeting.

Distribution. This form must be forwarded to the Planning Section Chief for possible inclusion in the IAP. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Environmentally-Sensitive Area and Wildlife Issues Site Number	Enter site number, priority as it is related to degree of sensitivity, site location, and description. Use the Narrative section to clarify any issues.
	Priority	Can come from an Area Contingency Plan (ACP) or Geographic Response Plan (GRP) or can be created during an incident. Priority specific to this incident.
	Site Name and/or Physical Location	
	Site Issues	
4.	Archaeo-cultural and Socio-economic Issues	Name of the site (e.g., Marsh Pt., Glacier Creek, etc.) and/or physical location (e.g., address, lat/long, landmarks, etc.). Environmental concerns associated with this site and season. Enter name and position of person preparing form, and the date and time prepared. Normally would be the Environmental Unit Leader.
	Site Number	Can come from an ACP/GRP or can be created during an incident.
	Priority	Priority specific to this incident.
	Site Name and/or Physical Location	Name of the site (e.g., Marsh Pt., Glacier Creek, etc.) and/or physical location (e.g., address, lat/long, landmarks, etc.).
	Site Issues	Archaeo-cultural or socio-economic concerns associated with this site and season.
5.	Prepared By	Enter name and title of the person preparing the form (normally the Environmental Unit Leader).
	Date/Time	Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	ACP Site Index ICS 232a-OS

3. Index to ACP/GRP sites shown on Situation Map

Site #	Priority	Site Name and/or Physical Location	Action	Status

Note: This form is designed to be posted next to the situation map. Use additional sheets, as needed.

4. Prepared by: **Date / Time**

ACP SITE INDEX (ICS FORM 232a-OS)

Special Note. This optional form is designed to be a key to the site numbers or site names shown on the Situation Map. The information on priorities for environmentally-sensitive areas and archaeo-cultural and socio-economic issues from the ICS form 232-OS may be transferred to ICS form 232a-OS, which provides more information on the Area Contingency Plan (ACP) or Geographic Response Plan (GRP) site numbers or names shown on the Situation Map.

Purpose. If used, this form is posted next to the Situation Map, providing a key to the ACP/GRP sites shown on the map.

Preparation. The Situation Unit personnel responsible for the Situation Map prepare this form, using ICS form 232-OS prepared by the Environmental Unit.

Distribution. This form is posted next to the Situation Map and copies of this form should accompany any distributed copies of the Situation Map. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Index to ACP/GRP sites shown on Situation Map	Enter site information from the Area Contingency Plan (ACP) or Geographic Response Plan (GRP) or other sources specific to this incident.
	Site Number	Can come from an Area Contingency Plan (ACP) or Geographic Response Plan (GRP) or can be created during an incident.
	Priority	Priority specific to this incident.
	Site Name and/or Physical Location	Name of the site (e.g., Marsh Pt., Glacier Creek, etc.) and/or physical location (e.g., address, lat/long, landmarks, etc.).
	Action	Actions to be taken for designated protection and collection strategies or for other sites identified specifically for this incident.
	Status	Status of site action implementation (e.g., scheduled, in progress, completed).
4.	Prepared By	Enter name and title of the person preparing the form.
	Date/Time	Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period (Date / Time) From: To:	EXECUTIVE SUMMARY

3. Operations

4. Environmental

5. Planning

6. Other

7. Prepared by **Date / Time**

EXECUTIVE SUMMARY June 2000

EXECUTIVE SUMMARY

Purpose. The Executive Summary communicates significant response issues during the current operational period, summarizing the daily activities for all sections in a brief format to Senior Managers, Administrators, Senior Agency Staff, and Civic Leaders.

Preparation. The Situation Unit Leader prepares this form with input from Section Chiefs. Final authorization is provided by the Unified Command prior to dissemination outside the ICS organization.

Distribution. After authorization by the Unified Command, the Documentation Unit Leader will duplicate and post a copy on the Situation Status Display Board in the Command Post. Single copies may then be distributed to the Unified Command, Command Staff, Joint Information Center, and Section Chiefs. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Operations	Operations Section Chief will summarize the tactical accomplishments for the previous operational period.
4.	Environmental	Environmental Unit Leader will summarize any significant impacts identified or mitigated during the previous operational period.
5.	Planning	Planning Section Chief will summarize the critical actions to be carried out during the next operational period.
6.	Other	Situation Unit Leader will indicate any anomalies to previous Executive Summaries, special meetings, community impacts, or items of special interest.
7.	Prepared By	Enter name and title of the person preparing the form, normally the Situation Unit Leader.
	Date/Time	Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	GENERAL PLAN
2. Prepared By Date / Time Prepared	3. Operational Period (Date / Time) From: To:
4. Notification (Date and time completed)	5. Response Initiation (Date and time completed)

6. Plan Item Timeframe ==> (Enter days or weeks)	
Site Characterization, Forecasts, and Analysis	
Site Safety	
Site Security	
Source Stabilization, Salvage, and Lightering	
Surveillance	
On Water Containment and Recovery	
Sensitive Areas / Resources at Risk	
Alternative Response Technology	
Shoreline Protection and Recovery	
Wildlife Protection and Rehabilitation	
Logistics Support	
Response Organization	
Communications	
Public Information	
Financial Management and Cost Documentation	
NRDA and Claims	
Training	
Information Management	
Restoration / Mitigation	
Waste Management	
Demobilization	

GENERAL PLAN-OS

Purpose. The General Plan form displays the progress and planned start and end dates for various incident response activities. Some standard activities have been listed on the form and blank lines are provided at the bottom of the form for planning and tracking additional incident-specific activities.

Preparation. The Planning Section completes the General Plan form when requested by the Unified Command.

Distribution. The General Plan form will be given to the Unified Command and all General Staff as part of the incident summary. All completed original forms MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Prepared By	Enter the name of the Planning Section Chief completing the form.
3.	Date/Time	Enter the Date (month, day, year) and Time (24-hour clock) the form was prepared.
4.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
5.	Notification	Enter the date and time that required notifications were completed.
6.	Response Initiation Plan Item and Timeframe	Enter the date and time that the Response Initiation is completed. Enter specific dates, or day number or week number in the top row to indicate the timeframe being covered by this form. Then enter either descriptive text or shading to the right of each activity to indicate the beginning and estimated end for that activity during this incident response.

1. Incident Name	2. Operational Period to be covered by IAP (Date / Time) From: To:	IAP COVER SHEET

3. Approved by:

FOSC _____

SOSC _____

RPIC _____

_____ _____

_____ _____

INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

- ☐ ICS 202-OS (Response Objectives)
- ☐ ICS 203-OS (Organization List) - OR - ICS 207-OS (Organization Chart)
- ☐ ICS 204-OSs (Assignment Lists)
  One Copy each of any ICS 204-OS attachments:
  - ☐ Map
  - ☐ Weather forecast
  - ☐ Tides
  - ☐ Shoreline Cleanup Assessment Team Report for location
  - ☐ Previous day's progress, problems for location
- ☐ ICS 205-OS (Communications List)
- ☐ ICS 206-OS (Medical Plan)
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

4. Prepared by: **Date / Time**

IAP COVER SHEET June 2000

Electronic version: NOAA 1.0 June 1, 2000

IAP COVER SHEET

Special Note. This optional form acts as a cover sheet for the completed Incident Action Plan (IAP) described below. Two versions of this cover sheet are included; either can be used. One version includes check boxes for forms included in the IAP, while the other version leaves a large blank area for user comments or graphics.

Purpose. An Incident Action Plan (IAP) contains general control objectives reflecting the overall incident strategy and specific action plans for the next operational period. The Unified Command, Command Staff, and General Staff develop the IAP. When all attachments are included, the plan:

– specifies the objectives for the next operational period;
– defines the work assignments for the next operational period, including extracts of site-specific safety messages (Note: the Site Safety Plan is generally a stand-alone document and is not included in the IAP);
– defines the resources needed to accomplish the work order;
– depicts how all response personnel are to be organized;
– lists radio and telephone communications for all incident personnel;
– specifies a medical plan to follow in case of a responder emergency;
– identifies resources at risk.

Preparation. The Planning Section Chief compiles the IAP, with key tactical input from the Operations Section Chief. The Plan is to be completed following each Planning Meeting. The plan should be approved and signed by each member of the Unified Command.

Distribution. Sufficient copies of the IAP will be reproduced and given to all supervisory personnel at the Section, Branch, Division/Group, and Unit Leader levels. The original IAP MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Approved by	Signatures of approval must be obtained from each Unified Commander.
	Inclusion List (if used)	Mark "X" for each item that is included in the Plan.
4.	Prepared By Date/Time	Enter name and title of the person preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).

1. Incident Name	2. Operational Period to be covered by IAP (Date / Time) From: To:	IAP COVER SHEET

3. Approved by:

FOSC _____

SOSC _____

RPIC _____

_____ _____

_____ _____

INCIDENT ACTION PLAN

4. Prepared by: **Date / Time**

IAP COVER SHEET

Special Note. This optional form acts as a cover sheet for the completed Incident Action Plan (IAP) described below. Two versions of this cover sheet are included; either can be used. One version includes check boxes for forms included in the IAP, while the other version leaves a large blank area for user comments or graphics.

Purpose. An Incident Action Plan (IAP) contains general control objectives reflecting the overall incident strategy and specific action plans for the next operational period. The Unified Command, Command Staff, and General Staff develop the IAP. When all attachments are included, the plan:

– specifies the objectives for the next operational period;
– defines the work assignments for the next operational period, including extracts of site-specific safety messages (Note: the Site Safety Plan is generally a stand-alone document and is not included in the IAP);
– defines the resources needed to accomplish the work order;
– depicts how all response personnel are to be organized;
– lists radio and telephone communications for all incident personnel;
– specifies a medical plan to follow in case of a responder emergency;
– identifies resources at risk.

Preparation. The Planning Section Chief compiles the IAP, with key tactical input from the Operations Section Chief. The Plan is to be completed following each Planning Meeting. The plan should be approved and signed by each member of the Unified Command.

Distribution. Sufficient copies of the IAP will be reproduced and given to all supervisory personnel at the Section, Branch, Division/Group, and Unit Leader levels. The original IAP MUST be given to the Documentation Unit.

Item #	Item Title	Instructions
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period	Enter the time interval for which the form applies. Record the start and end date and time.
3.	Approved by	Signatures of approval must be obtained from each Unified Commander.
4.	Prepared By Date/Time	Enter name and title of the person preparing the form. Enter date (month, day, year) and time prepared (24-hour clock).

INITIAL INCIDENT INFORMATION	INCIDENT NAME	Information as of: Date	Time

NAME OF PERSON REPORTING THE INCIDENT

Call-Back Number(s) of person reporting the incident:

VESSEL/FACILITY INFORMATION AND POINTS OF CONTACT

Vessel / Facility Name: Number of people onboard/on site:

Location:

Type of Vessel / Facility:

Contact / Agent: Phone:

Owner: Phone:

Operator / Charterer: Phone:

VESSEL SPECIFIC INFORMATION

Last Port of Call: Destination: Flag:

Particulars: Length: Ft. Tonnage (Gross/Net/DWT): Draft Fwd: Aft: Year Built:

Type of Hull: ☐ Single ☐ Double ☐ Double-Bottom ☐ Double-Sided

Hull Material:

Type of Propulsion: ☐ Diesel ☐ Steam ☐ Gas Turbine ☐ Nuclear ☐ Other

Petroleum Products or Crude Oil ☐ Yes ☐ No

Type of Cargo: Total Number of Tanks on Vessel:

Total Quantity: Barrels x 42= Gallons Total Capacity: Barrels

Type of Fuel: Quantity on Board: Barrels

INCIDENT INFORMATION

Location: Lat/Long:

Type of Casualty: ☐ Grounding ☐ Collision ☐ Allision ☐ Explosion ☐ Fire ☐ Other

Number of Tanks Impacted: Total Capacity of Affected Tanks:

Material(s) Spilled: Viscosity:

Estimated Quantity Spilled: (☐ Gallons / ☐ Barrels) Classification: ☐ Minor ☐ Medium ☐ Major

Source Secured?: ☐ Yes ☐ No If Not, Estimated Spill Rate: ☐ Barrels ☐ Gallons / Hour

Notes:

INCIDENT STATUS

Injuries/Casualties: ☐ SAR Underway

Vessel Status: ☐ Sunk ☐ Aground ☐ Dead in Water Set and Drift:

☐ Anchored ☐ Berthed ☐ Under Tow Estimated Time to Dock / Anchor:

☐ Enroute to Anchorage / Berth Under Own Power Estimated Time of Arrival:

☐ Holed: ☐ Above Waterline ☐ Below Waterline ☐ At Waterline Approximate Size of Hole:

☐ Fire: ☐ Extinguished ☐ Burning ☐ Assistance Enroute ☐ Assistance On-Scene

☐ Flooding: ☐ Dewatering ☐ Lightering ☐ Assistance Enroute ☐ Assistance On-Scene

☐ List: ☐ Port ☐ Starboard Degrees: ☐ Trim: ☐ Bow ☐ Stern Degrees:

ENVIRONMENTAL INFORMATION

Wind Speed:	Knots	Wind Direction:	Air Temperature:	F°	Water Temperature: F°
Wave Height:	Feet	Wave Direction:	Conditions:		Tide: ☐ Slack ☐ Flood ☐ Ebb
Current:	Knots	Current Direction:			High Tide at: Hours
Swell Height:	Feet	Swell Direction:			Low Tide at: Hours

Prepared By: Date / Time Prepared

INITIAL NOTIFICTION
INCIDENT INFORMATION

Purpose. The Incident Information form provides the Incident Commander (and the Command and General Staff assuming command of the incident) with basic information regarding the incident situation and conditions.

Preparation. The initial Incident Information form is prepared by the responder receiving the first call reporting the incident. Subsequent updates to the form would be made by the Situation Unit.

Distribution. The initial form will be given to the Incident Commander. When updated, the Planning Section Chief will duplicate the Incident Information form and post a copy at the Situation Display in the Command Post. Single copies may then be distributed to the Command Staff, Section Chiefs, and Joint Information Bureau. All completed original forms MUST be given to the Documentation Unit.

Item Title	Instructions
All items	Enter information appropriate for all relevant items.

OIL SPILL RESPONSE PLAN
EXPLORER PIPELINE SYSTEM

EXPLORER PIPELINE SYSTEM

Prepared for:

Explorer Pipeline Company
6120 South Yale Ave.
Tulsa, Oklahoma 74136
(888) 876-0036

Prepared by:

Response Management Associates, Inc.
6620 Cypresswood Drive, Suite 200
Spring, TX 77379
(281) 320-9796 Phone
(281) 320-9700 Fax
www.rmaworld.com

ACKNOWLEDGMENT AND PLAN APPROVAL

The information and procedures in this Plan must be treated as guidelines only. The user should determine to what extent it is practical and advisable to follow them. This decision may involve considerations not discussed in this Plan.

The information and procedures contained herein are considered to be accurate as of this date and are consistent with the National Contingency Plan (NCP) and applicable Area Contingency Plans (ACP) as detailed in Section 1.5.

CERTIFICATION OF QUALIFIED INDIVIDUAL AND ALTERNATE QUALIFIED INDIVIDUAL

Explorer Pipeline Company hereby certifies that the individuals identified as Qualified Individual and Alternate Qualified Individual in this Plan have the full authority in accordance with the applicable federal and state regulations and as detailed in this Plan to:

1. Activate and engage in contracting with oil spill removal organizations.

2. Act as a liaison with the pre-designated Federal On-Scene Coordinate (OSC), and

3. Obligate funds required to carry out response activities.

Plan Approved:

_____ Date: _____

Dave Ysebaert, President and CEO

NOTE: Response Management Associates, Inc. (RMA) provided consulting and plan development services in the preparation of this Plan utilizing data provided by the owner/operator. RMA assumes no liability for injury, loss, or damage of any kind resulting directly or indirectly from the use of the regulatory interpretation, response planning, or information contained in his plan.

FACILITY NAME: EXPLORER PIPELINE SYSTEM
FACILITY ADDRESS: 6120 South Yale Ave.
Tulsa, Oklahoma 74136

Is the pipeline greater than 6 and 5/8 inches (168 mm) in outside nominal diameter, greater than 10 miles (16.1 km) in length? and

YES ☑ NO ☐

1. Has any line section experienced a release greater than 1,000 barrels within the previous five years? or

YES ☑ NO ☐

2. Has any line section experienced two or more reportable releases, as defined in 49 CFR 195.5, within the previous five years? or

YES ☑ NO ☐

3. Does any line section contain any electric resistance welded pipe, manufactured prior to 1970 and operates at a maximum operating pressure established under 49 CFR 195.406 that corresponds to a stress level greater than 50 percent of the specified minimum yield strength of the pipe? or

YES ☐ NO ☑

4. Is any line located within a 5-mile (8 km) radius of potentially affected public drinking water intakes and could reasonably be expected to reach public drinking water intakes? or

YES ☑ NO ☐

5. Is any line located within a 1-mile (1.6 km) radius of potentially affected environmentally sensitive areas and could reasonably be expected to reach these areas?

YES ☑ NO ☐

Based on the DOT-PHMSA criteria above the Explorer Pipeline Company, EXPLORER PIPELINE SYSTEM is considered "Significant and Substantial Harm".

Explorer Pipeline Company hereby certifies to the Pipeline and Hazardous Materials Safety Administration of the Department of Transportation that we have identified and ensured, by contract or by other means, the availability of personnel and equipment to respond, to the maximum extent practicable, to a worst case discharge.

_____ President and CEO
Signature Title

Dave Ysebaert _____
Name (please type or print) Date

NOTE: It is the responsibility of the holder of this plan to insure that all changes and updates are made. The plan holder must:

- Remove and discard obsolete pages.
- Replace obsolete pages with the updated pages.
- Record each revision on this form.

Revision Date	Pages	Sections/Appendices Changed	Description of Change(s)	Name of Editor
01/21/2009	Fwd-1	Contact Information	Changes made on 1/21/2009	Kevin Brown
02/10/2009	Fwd-1	Contact Information	Changes made on 2/10/2009	Kevin Brown
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
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02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/25/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/27/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/28/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/28/2008	Fwd-1	General Information	Changes	RMA RMA
02/28/2008	Fwd-1,2,3 1-4, 1-5	Facility Information	Changes	RMA RMA
02/28/2008	Fwd-1	General Information	Changes	RMA RMA
02/28/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/28/2008	Fwd-1	General Information	Changes	RMA RMA
02/29/2008	Fwd-1	General Information	Changes	RMA RMA
02/29/2008	Fwd-1,2,3 1-4, 1-5	Facility Information	Changes	RMA RMA
02/29/2008	Fwd-1,2,3 1-4, 1-5	Facility Information	Changes	RMA RMA
02/29/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/29/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/29/2008	Fwd-1,2,3 1-4, 1-5	Facility Information	Changes	RMA RMA
02/29/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/29/2008	Fwd-6	Response Zone	Changes	RMA RMA
02/29/2008	Fwd-6	Response Zone	Changes	RMA RMA
03/10/2010	Fwd-1	Contact Information	Changes made on 3/10/2010	Kevin Brown
03/11/2009	Fwd-1	Contact Information	Changes made on 3/11/2009	Alicia Westfall
03/11/2009	Fwd-1	Contact Information	Changes made on 3/11/2009	Alicia Westfall
03/11/2009	Fwd-1	Contact Information	Changes made on 3/11/2009	Alicia Westfall

03/17/2011	Fwd-1	Contact Information	Changes made on 3/17/2011	Kevin Brown
03/17/2011	Fwd-1	Contact Information	Changes made on 3/17/2011	Kevin Brown
03/26/2012	Fwd-1	Contact Information	Changes made on 3/26/2012	Kevin Brown
04/01/2008	Fwd-6	Response Zone	Changes	Dana yanchunas
04/01/2008	Fwd-6	Response Zone	Changes	Kevin Brown
04/01/2009	Fwd-1	Contact Information	Changes made on 4/1/2009	Dana Taylor
04/01/2009	Fwd-1	Contact Information	Changes made on 4/1/2009	Dana Taylor
04/01/2009	Fwd-1	Contact Information	Changes made on 4/1/2009	Dana Taylor
04/01/2009	Fwd-1	Contact Information	Changes made on 4/1/2009	Dana Taylor
04/01/2009	Fwd-1	Contact Information	Changes made on 4/1/2009	Dana Taylor
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04/01/2009	Fwd-1	Contact Information	Changes made on 4/1/2009	Dana Taylor
04/01/2009	Fwd-1	Contact Information	Changes made on 4/1/2009	Dana Taylor
04/06/2010	Fwd-1	Contact Information	Changes made on 4/6/2010	Kevin Brown
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04/06/2011	Fwd-1	Contact Information	Changes made on 4/6/2011	Kevin Brown

05/06/2013	Fwd-1	Contact Information	Changes made on 5/6/2013	Kevin Brown
05/06/2013	Fwd-1	Contact Information	Changes made on 5/6/2013	Kevin Brown
05/06/2013	Fwd-1	Contact Information	Changes made on 5/6/2013	Kevin Brown
05/20/2013	Fwd-1	Contact Information	Changes made on 5/20/2013	Kevin Brown
06/16/2011	Fwd-1	Contact Information	Changes made on 6/16/2011	Kevin Brown
06/16/2011	Fwd-1	Contact Information	Changes made on 6/16/2011	Kevin Brown
07/08/2013	Fwd-1	Contact Information	Changes made on 7/8/2013	Kevin Brown
07/08/2013	Fwd-1	Contact Information	Changes made on 7/8/2013	Kevin Brown
07/09/2009	Fwd-1	Contact Information	Changes made on 7/9/2009	Dana yanchunas
07/09/2013	Fwd-1	Contact Information	Changes made on 7/9/2013	Kevin Brown
08/05/2008	Fwd-1	Contact Information	Changes made on 8/5/2008	Kevin Brown
08/23/2011	ERAP, 2	Contact Information	Changes made on 8/23/2011	Kevin Brown
08/23/2013	Fwd-1	Contact Information	Changes made on 8/23/2013	Kevin Brown
08/23/2013	Fwd-1	Contact Information	Changes made on 8/23/2013	Kevin Brown
08/26/2013	Fwd-1	Contact Information	Changes made on 8/26/2013	Kevin Brown
08/26/2013	Fwd-1	Contact Information	Changes made on 8/26/2013	Kevin Brown
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08/26/2013	Fwd-1	Contact Information	Changes made on 8/26/2013	Kevin Brown
09/25/2009	Fwd-1	Contact Information	Changes made on 9/25/2009	Kevin Brown
09/25/2009	Fwd-1	Contact Information	Changes made on 9/25/2009	Kevin Brown
09/26/2011	Fwd-1	Contact Information	Changes made on 9/26/2011	Kevin Brown
10/20/2009	Fwd-1	Contact Information	Changes made on 10/20/2009	Kevin Brown
10/26/2007	Fwd-6	Response Zone	Changes	Kevin Brown
10/26/2007	Fwd-6	Response Zone	Changes	Kevin Brown
11/04/2011	Fwd-1	Contact Information	Changes made on 11/4/2011	Kevin Brown
11/10/2009	Fwd-1	Contact Information	Changes made on 11/10/2009	Kevin Brown
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11/11/2009	Fwd-1	Contact Information	Changes made on 11/11/2009	Ryan Moore
11/12/2009	Fwd-1	Contact Information	Changes made on 11/12/2009	Dana yanchunas
11/17/2009	Fwd-1	Contact Information	Changes made on 11/17/2009	Kevin Brown
11/17/2009	Fwd-1	Contact Information	Changes made on 11/17/2009	Kevin Brown
12/21/2009	Fwd-1	Contact Information	Changes made on 12/21/2009	Kevin Brown
12/21/2009	Fwd-1	Contact Information	Changes made on 12/21/2009	Kevin Brown
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12/22/2009	Fwd-1	Contact Information	Changes made on 12/22/2009	Kevin Brown
12/22/2009	Fwd-1	Contact Information	Changes made on 12/22/2009	Kevin Brown
12/24/2008	Fwd-1	Contact Information	Changes made on 12/24/2008	Kevin Brown

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Copy Number	Plan Holder	Location
1	Response Management Associates, Inc. 6620 Cypresswood Drive, Suite 200 Spring, Texas 77379	Texas, 77379
2	U.S. DOT, Pipeline and Hazardous Material Safety Administration Office of Pipeline Safety 1200 New Jersey Avenue, SE Washginton, District of Columbia 20590	District of Columbia, 20590

NOTE: The Distribution of this Plan is controlled by the Copy Number located on the front cover. The Plan Distribution Procedures provided in Section 1.3 and the Plan Review and Update Procedures provided in Section 1.4 should be followed when making any and all changes.

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1.0 INTRODUCTION AND PLAN CONTENT

1.1 Plan Purpose/Objectives

1.2 Scope of Plan

1.3 Plan Distribution Procedures

1.4 Plan Review and Update Procedures

1.5 Regulatory Compliance

Figure 1.1 Facility Information
Figure 1.2 Pipeline System Overview Diagram

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1.1 PLAN PURPOSE/OBJECTIVES

The purpose of this Oil Spill Response Plan (Plan) is to assist Explorer Pipeline Company personnel in preparing for and responding quickly and safely to a discharge originating from the pipelines and associated facilities. The Plan provides techniques and guidelines for achieving an efficient, coordinated, and effective response to a discharge incident which may occur along the pipeline.

The specific objectives of the Plan are to:

- Establish Response Teams, assign individuals to fill the positions on the teams, and define the roles and responsibilities of team members.
- Define notification, activation, and mobilization procedures to be followed when a discharge occurs.
- Define organizational lines of responsibility to be adhered to during a response operation.
- Document equipment, manpower, and other resources available to assist with the response.
- Ensure compliance with the federal, state, and local oil pollution regulations.
- Ensure consistency with the National Contingency Plan and Area Contingency Plan(s)for the area of operation.

1.2 SCOPE OF PLAN

This Plan has been developed in accordance with the regulation published in 49 CFR Part 194 - Response Plans for Onshore Oil Pipelines.

This Plan contains prioritized procedures for Company personnel to mitigate or prevent any discharge resulting from the operation of the pipeline. A description of the pipeline's details is presented in Figure 1.1 with additional information provided in the sections and the appendices.

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1.3 PLAN DISTRIBUTION PROCEDURES

The Corporate Plan Holder is responsible for maintenance and distribution of the Plan. Distribution will be handled in the following manner:

- Distribution of the Plan is controlled by the number on the front cover. A distribution list is included in the Foreword to facilitate control.
- Company personnel who may be called upon to provide assistance during discharge response activities will have access to a copy of the plan for their use and training.
- Any person holding a copy of the Plan shall ensure that the copy is transferred to their replacement in the event of reassignment or change in responsibility.
- Various regulatory agencies will also be distributed a copy of the Plan. The list of agencies is detailed in the Distribution List located in the Foreword.

1.4 PLAN REVIEW AND UPDATE PROCEDURES

Annual Review/Update

The Regulatory Administrator will coordinate with the Health, Safety & Environmental Specialists to perform the following plan review and update procedures:

- At least once each year, review and make appropriate revisions as required by operational or organizational changes.
- At least once each year, review and make appropriate revisions as required by changes in the names and telephone numbers detailed in Section 2.0.
- Review and make appropriate revisions as required by improved procedures or deficiencies identified during response team tabletop exercises or actual emergency responses.
- Coordinate the word processing, publication, and distribution efforts to complete the revisions and maintain the Plan.

Incorporation of Plan Revisions

Upon receipt of any revisions, the Individual **Plan Holder** shall:

- Review and insert the revised pages into the Plan.
- Discard the obsolete pages.

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1.4 PLAN REVIEW AND UPDATE PROCEDURES (Cont'd)

Agency Revision Requirements

The Company shall revise and resubmit changes to the DOT/PHMSA Pipeline Response Plans Officer within 30 days of each change that would substantially affect the implementation of the response plan. Examples of changes in operating conditions that would cause a significant change to the Plan include:

Conditions Requiring Changes

- An extension of the existing pipeline or construction of a new pipeline in a response zone not covered by the previously approved plan.
- Relocation or replacement of portions of the pipeline which in any way substantially affect the information included in this Plan, such as a change in the Worst Case Discharge volume.
- A change in the type of oil handled, stored, or transferred that materially alters the required response resources.
- A change in the name of the Oil Spill Removal Organization (OSRO).
- A material change in capabilities of the OSRO that provides equipment and personnel.
- A change in emergency response procedures.
- A change in the Qualified Individual.
- A change in the NCP or an ACP that has significant impact on the equipment appropriate for response activities.
- Any other changes that materially affect the implementation of the Plan.
- As a result of post incident or drill evaluations.

DOT/PHMSA must be provided with two copies of such revisions. The Company must submit the DOT/PHMSA issued Facility Control Number with the changes (the PHMSA Control Number is listed in Figure 1.1). In addition to periodic updates, when applicable, the Facility will resubmit the response plan to DOT/PHMSA every five years from the last approval date of the Plan.

Except as provided above, amendments to the following do not require approval by DOT/PHMSA:

- Personnel and telephone number lists included in the Plan.
- OSRO(s) change which does not result in a material change in support capabilities.

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1.5 REGULATORY COMPLIANCE

The development, maintenance, and use of this Plan implements company policy and addresses the following regulatory requirements and guidelines:

- Federal Oil Pollution Act of 1990: U.S. DOT Final Rule for Transportation Related On-shore Facilities (49 CFR Part 194).

The response zone has been reviewed for consistency with the following plans:

- National Contingency Plan (NCP)
- Southwest Louisiana/Southeast Texas Contingency Plan
- Houston/Galveston Area Contingency Plan
- Chicago and Eastern Wisconsin Area Contingency Plan

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FIGURE 1.1

FACILITY INFORMATION

GENERAL INFORMATION		
Facility Name:	EXPLORER PIPELINE SYSTEM	
PHMSA Control Number(s):	819 – Port Arthur and Houston Areas 820 – Greenville Area 821 – Glenpool Area 822 – Wood River Area 823 – Hammond Area 1180 – Arlington Area	
Owner Name:	Explorer Pipeline Company	
Addresses:	***Physical Address*** 6120 South Yale Ave. Tulsa, Oklahoma 74136	***Mailing Address*** P.O. Box 2650 Tulsa, Oklahoma 74101
Mainline Number:	(888) 876-0036 (24 Hours)	
Contact Person:	Jim Sieck, P.E.	
Primary NAICS Code:	486910	
Determination of Significant and Substantial Harm (DOT/PHMSA):	All six (6) Response Zones meet the criteria for "Significant and Substantial Harm".	
Operator Statement of "Significant and Substantial Harm":	It is Explorer's goal to respond as quickly as possible to all uncontrolled releases of petroleum product, regardless of the source point location along the system. Based upon this goal, and the definitions provided in 49 CFR 194.103 (c)(4) & (5), Explorer considers all the active line sections listed below in the Response Zone Annexes as capable of a release potentially causing "significant and substantial harm".	

PIPELINE LOCATION	
States/Counties:	The Explorer Pipeline System covers five specific response zones covering six (6) states and 61 counties and parishes specifically detailed in this Figure 1.1.
States Traversed:	Texas, Oklahoma, Missouri, Illinois, Indiana
Pipeline System Overview Diagram:	See Figure 1.2

FIGURE 1.1

FACILITY INFORMATION (Cont'd)

PHYSICAL DESCRIPTION - PIPELINE

Response Zone(s):

- Explore operates and maintains an "interstate common carrier" refined products pipeline system which includes transmission, breakout storage, and handling facilities located along the pipeline.
- As an interstate common carrier, Explorer Pipeline Company operates under the rules and regulations of the Federal Energy Regulatory Commission (FERC), while conforming with the oil pipeline regulations of the Department of Transportation (49 CFR Parts 194 & 195).
- The EXPLORER PIPELINE SYSTEM is divided into 6 specific pipeline response zones. The response zones are as follows (Specific information to both response zones are provided later in the Response Zone Appendices):

  1) Response Zone 1 – Port Arthur and Houston Areas includes assets located in Texas. The system begins with a 14 inch pipeline from Port Neches, Texas into Port Arthur, Texas. The 28 inch system begins in Port Arthur, Texas and ends near Palestine, Texas and the 10" system begins in Houston, Texas and ends near Hearne, Texas.

  2) Response Zone 2 – Greenville Area includes assets located in Texas and Oklahoma beginning near Palestine, Texas and ending near Allen, Oklahoma. This zone also includes pipeline segments which originate near Caddo Mills, Texas and terminate near Richardson, Texas.

  3) Response Zone 3 – Glenpool Area includes assets located in Oklahoma and Missouri beginning near Allen, Oklahoma and ending near Springfield, Missouri.

  4) Response Zone 4 – Wood River Area includes assets located in Missouri and Illinois beginning near Springfield, Missouri and ending near Decatur, Illinois.

  5) Response Zone 5 – Hammond Area includes assets located in Illinois and Indiana beginning near Decatur, Illinois and ending in Hammond, Indiana.

  6) Response Zone 6 – Arlington Area includes assets located in Texas and Oklahoma beginning at Hearne, Texas and ending in Ardmore, Oklahoma. This zone also includes pipeline segments which originate near Richardson, Texas and ends in the Fort Worth, Texas Area.

General:

- The Explorer Pipeline System includes several pipeline sections of varying diameters as well as pump stations and tank farms.
- This Plan is written in English and understood by personnel responsible for carrying out plan.

PHYSICAL DESCRIPTION - PIPELINE (Cont'd)

Pipeline Specifications:

- **Product Types:**

  Diesel
  Gasoline
  Jet Fuel

- **Pipe Detail:** The pipeline system consists of several pipeline sections with the following diameters: 3", 6", 8", 10", 12", 14", 16", 20", 24", and 28".

FIGURE 1.1

FACILITY INFORMATION (Cont'd)

RESPONSE ZONE INFORMATION

Response Resources:

Facility spill mitigation procedures and response guidelines are provided in Section 3.0 for discharges that could result from any of the following scenarios:

- Pipeline rupture/leak
- Explosion and/or fire
- Failure of facility piping
- Equipment failure (e.g. pumping system failure, relief valve failure, etc.)

These scenarios could result in the following discharge volume (additional details in Appendix B):

Worst Case Discharge (WCD):

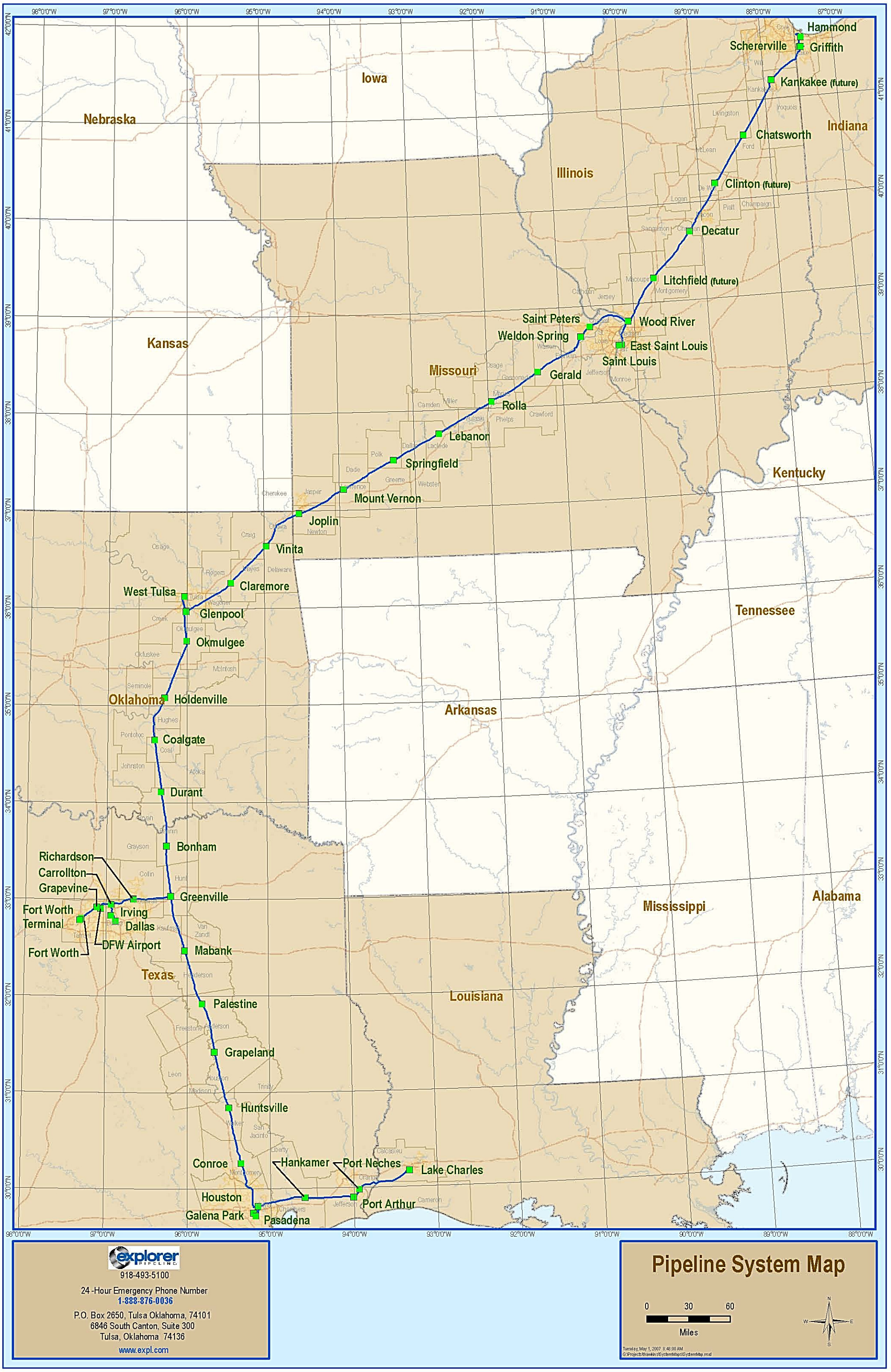
Response Zone	Discharge Scenario	Potential Oil Group	DOT/PHMSA Planning Volume
(b) (7)(F)			

FIGURE 1.2

PIPING SYSTEM OVERVIEW

Piping Overview

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explorer PIPELINE
918-493-5100
24-Hour Emergency Phone Number
1-888-876-0036
P.O. Box 2650, Tulsa Oklahoma, 74101
6846 South Canton, Suite 300
Tulsa, Oklahoma 74136
www.expl.com

Pipeline System Map

0 30 60
Miles

Tuesday, May 1, 2007 8:48:00 AM
G:\Projects\hawkins\SystemMaps\SystemMap.mxd

2.0 NOTIFICATION PROCEDURES

2.1 Internal Notification 2-1
Figure 2.1 Internal Notification Sequence 2-2
Figure 2.2 Internal Notification References 2-3
2.2 External Notifications 2-8
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2.2.2 Written Notification Requirements 2-8
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Figure 2.4 External Notification Flowchart 2-10
Figure 2.5 External Notification References 2-11

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This section is a guide for notification procedures that should be implemented immediately after discovering a discharge incident and if possible, securing the source. Internal and external notifications are described separately for clarification purposes only. All notifications are of extreme importance and must be completed in a timely manner.

2.1 INTERNAL NOTIFICATION

The following internal notifications should be made for each emergency incident to the extent that the incident demands (telephone reference is provided in Figure 2.2). In no event shall notification be delayed because the immediate supervisor is inaccessible. Authorization is given to bypass management levels if necessary to provide timely notification to appropriate management. The typical internal notification responsibilities for each person potentially involved in the initial response are as follows:

Person Discovering the Discharge

- ☐ Immediately notify the **Central Control Technician** at (888) 876-0036.
- ☐ Immediately notify the **local police and fire departments**, as needed.

Central Control Technician

- ☐ Notify the **local police and fire departments**, if they have not been previously notified.
- ☐ Notify the **Area Manager**.
- ☐ Notify one of the following **Supervisors**:
  - Director of Operations
  - Director of Field Operations
  - Control Center Manager
  - Director Health, Safety, Security & Environmental
  - Director Engineering
  - Manager Shipper Relations & Transportation Services
  - Manager of Project Engineering & Right-of-Way Maintenance

Supervisor

- ☐ Notify one of the following **Senior Managers/Directors**

  President and CEO
  Director of Operations
  Vice President and General Counsel
  Vice President and CFO
  Director of Environmental, Health, Safety, Security and Environmental

- ☐ Notify response team by dialing 918-493-5100 and entering 1-1-1 slowly when prompted, and inform the operator to activate the Explorer Pipeline response team notification system.

Senior Managers/Directors

- ☐ Mobilize response team, if necessary.
- ☐ Notify the **President and CEO,** if necessary.

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FIGURE 2.1

INTERNAL NOTIFICATION SEQUENCE

(Phone references are provided in Figure 2.2)

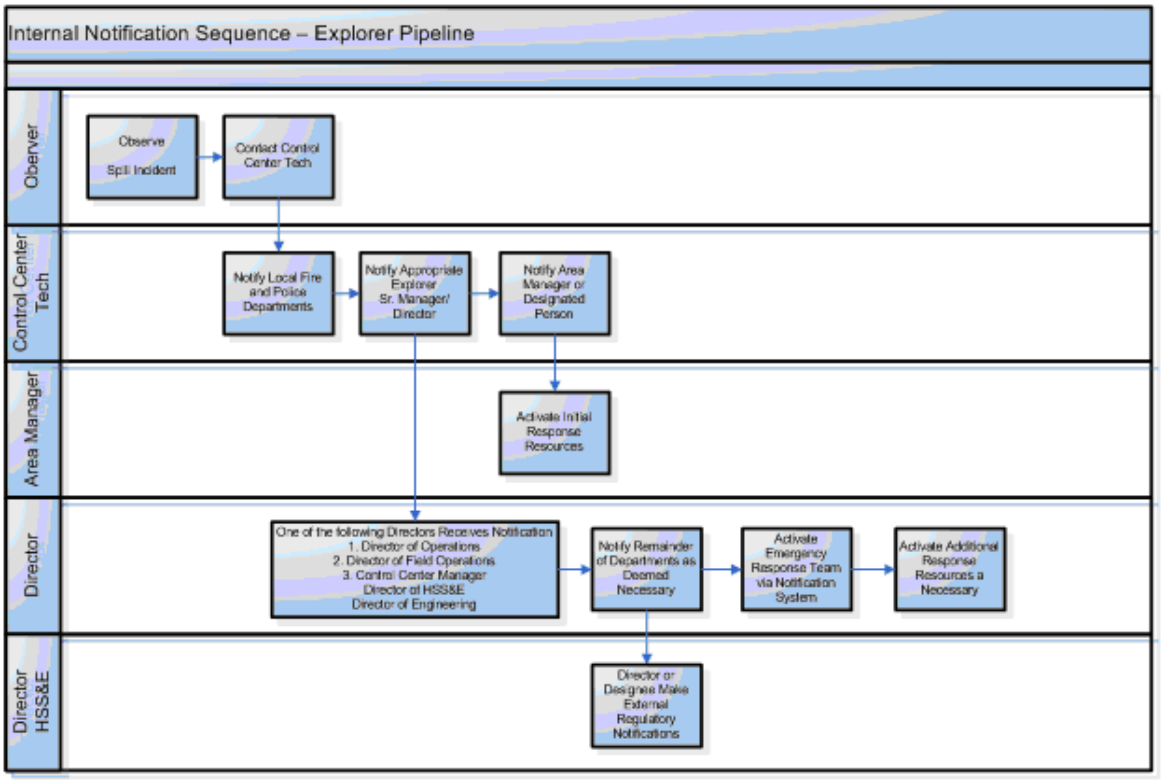


FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	CELL
Incident Commander, Liaison Safety & Environmental, Health, Safety & Security	Alicia Westfall	918-591-3103		281-954-1239
Incident Commander, Operations, Logistics	Rick Wright	918-591-3122		713-823-2955
	Allendale	918-591-3231		
Incident Commander, Logistics	Alton Ryals	918-591-3202		281-788-5846
Logistics	Jamie Boehm	918-591-3231		713-689-8593
	Bryan	918-591-3307		
	Conroe	918-591-3388		
Logistics	Phil Cotie	918-591-3124		832-401-3059
Logistics	Mike Cotie	918-591-3231		713-907-8587
Incident Commander, Logistics	Kyle Daniel	918-591-3109		409-963-8229
Incident Commander, Logistics	David Emfinger	918-591-3286		936-524-7457
Incident Commander, Logistics	Alan Frazier	918-591-3107		409-963-4852
Logistics	Derek Freisner	918-591-3130		713-689-4563
	Galena Park	918-591-3392		
Incident Commander, Logistics	Omar Garcia	918-591-3124		713-907-8584
	GATX Sample Point	918-591-3392		
	Grapeland	918-591-3384		
Logistics	Richard Gubbs	918-591-3231		
Logistics	Jeff Guinn	918-591-3231		713-504-3696
	Hankamer	918-591-3394		
Logistics	Amanda Havard	918-591-3231		832-401-3056
Logistics	Homer Hernandez	918-591-3231		713-689-8714
	Houston	918-591-3121		
	Huntsville	918-591-3386		
Logistics	David Jarvis	918-591-3231		713-689-8734
Logistics	Robert Johnson	918-591-3101		409-963-8230
Logistics	Brent Kilpatrick	918-591-3231		713-689-8667
Incident Commander, Logistics	CK Nimitz	918-591-3287		936-465-2082
	North Houston	918-591-3303		
	North Pasadena	918-591-3297		
	Pasadena	918-591-3221		

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	HOME	CELL
Logistics	Aaron Peltier	918-591-3127	(b) (6)	713-252-1997
	Plantersville	918-591-3305		
	Port Arthur	918-591-3101		
	Port Neches	918-591-3396		
Logistics	Steve Power	918-591-3254		832-8657386
Logistics	James Psencik	918-591-3231		832-205-2144
Logistics	Steve Quinn	918-591-3101		409-548-5666
Logistics	Debbie Reichle	918-591-3115		409-543-6571
Logistics	Steve Roger	918-591-3101		409-963-8447
Logistics	Milton Seal	918-591-3101		409-293-2278
Logistics	Ricky Sittig	918-591-3258		713-689-4976
Logistics	William Steeples	918-591-3221		832-525-2163
	Washburn	918-591-3299		
Logistics	Susan Wisdom	918-591-3231		832-401-3057
	Wynnewood	918-591-3301		

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 2 GREENVILLE AREA INTERNAL NOTIFICATIONS				
TITLE	**NAME**	**OFFICE**	**HOME**	**CELL**
Incident Commander, Liaison Safety & Environmental, Health Safety & Security	Carlos Denton	918-591-3142	(b) (6)	214-532-7640
Incident Commander, Liaison Safety & Environmental, Health Safety & Security	Doug Lee	918-591-3143		214-709-3738
EMTech-Greenville	Sheldon Cast	(918)591-3147		(214)995-0257
	Bonham	918-591-3360		
	Coalgate	918-591-3356		
	Durant	918-591-3358		
	Greenville	918-591-3141		
Logistics	Todd Hackney	918-591-3148		903-274-6928
Incident Commander, Logistics	Eric Lewis	918-591-3288		580-436-7949
Logistics	Terry Lollar	918-591-3141		214-864-1209
	Mabank	918-591-3380		
Logistics	Holly Nesler	918-591-3141		214-534-5187
	Palestine	918-591-3382		
Logistics	Josh Payne	918-591-3141		214-862-8592
	Richardson	918-591-3376		
	ROW Greenville	918-591-3144		
Incident Commander, Logistics	Darren Strege	918-591-3285		214-728-4526
Logistics	Tony Thomason	918-591-3144		214-289-7087
	Mike Stoker	918-591-3144		903-274-6344
Logistics	Josh Warren	9185913141		214-289-7161

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 3 GLENPOOL AREA INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	HOME	CELL
Incident Commander, Operations, Logistics	Tom Graves	918-291-5262	(b) (6)	918-637-4084
ncident Commander, Liaison Safety & Environmental, Health, Safety & Security	Chad Roggendorff	918-591-3263		918-698-1083
Incident Commander, Logistics	Steven Brewer	918-291-5266		918-698-1095
	Claremore	918-591-3348		
Logistics	Dennis Crutchfield	918-591-3261		
	Glenpool	918-291-5250		
Logistics	Bryan Hendricks	918-591-3261		
	Holdenville	918-591-3354		
Logistics	Marvin Jackson	918-591-3261		918-638-8809
	Joplin	918-591-3344		
Logistics	John Mobley	918-591-3261		918-640-3570
	Mount Vernon	918-591-3342		
	Okmulgee	918-591-3352		
Logistics	Steve Osceola	918-591-3261		
Incident Commander, Logistics	Dennis Roling	918-591-3289		918-638-8808
	ROW Glenpool	918-591-3264		
Incident Commander Logistics	Dennis Smith	918-591-3290		918-638-8807
Incident Commander, Logistics	Paul Spangler	918-591-3270		918-728-1673
	Springfield	918-591-3340		
Incident Commander, Logistics	John Stock	918-291-5264		918-728-1672
	Vinita	918-591-3346		
Incident Commander Logistics	Ken Washington	918-591-3291		417-268-8743
	West Tulsa	918-591-3350		
Logistics	Brian Coats	918-591-3261		918-629-8306
Logistics	Jared Williams	918-591-3261		918-640-1841

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 4 WOOD RIVER AREA INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	HOME (b) (6)	CELL
ncident Commander, Liaison Safety & Environmental, Health, Safety & Security	Todd Johanson	918-591-3183		618-741-5806
Incident Commander, Operations, Logistics	Rick Thompson	918-591-3182		618-604-4788
Incident Commander, Logistics	Rogelio Berumen	918-591-3195		618-691-8140
	East St. Louis	918-591-3325		
	Gerald	918-591-3334		
Incident Commander, Logistics	David Hagen	918-591-3190		618-610-3319
Incident Commander, Logistics	Jake Hallahan	918-591-3292		618-806-4565
Logistics	Robert Kruemmelbein	918-591-3181		618-219-6418
	Lebanon	918-591-3338		
Logistics	Marty Manning	918-591-3181		618-219-6383
	Dennis Reckmann	918-591-3191		618-530-1632
	Rolla	918-591-3336		
	ROW Wood River	618-251-0267		618-660-3596
	ROW WoodRiver			
	SCADA Break Area	918-359-5419		
Logistics	Alan Spann	918-591-3181		618-219-6478
	St. Louis	918-591-3327		
	St. Peters	918-591-3329		
Logistics	Travis Steward	918-591-3181		618-610-2076
Incident Commander, Logistics	Nick Sullivan	918-591-3187		618-604-0417
Incident Commander, Logistics	Randy Vinyard	918-591-3189		618-540-9562
	Weldon Spring	918-591-3331		
	Wood River	918-591-3191		
Logistics	Josh Lambie	918-591-3181		618-530-5902

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 5 HAMMOND AREA INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	ELL
Incident Commander, Liaison Safety & Environmental, Health, Safety & Security	Sue Holifield	918-591-3203		19-939-4104
Incident Commander, Liaison Safety & Environmental, Health, Safety & Security	John Majewski	918-591-3203		19-712-4460
	Chatsworth	918-591-3321		
	Decatur	918-591-3323		
Logistics	Kevin Dommer	918-591-3201		19-381-9263
Incident Commander, Logistics	Ed Drebes	918-591-3294		19-712-0133
	Griffith	918-591-3317		
	Hammond	918-591-3201		
Logistics	Randy Hartge	918-591-3201		19-712-4574
Logistics	Gordon Hill	918-591-3201		19-381-9260
Logistics	Mark Lorenzi	918-591-3201		
Incident Commander, Logistics	Christopher Meyer	918-591-3207		19-808-4842
	ROW Hammond	918-591-3204		
	Schererville Jct	918-591-3319		

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

RESPONSE ZONE 6 ARLINGTON AREA INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	HOME	CELL
Incident Commander, Liaison Safety & Environmental, Health Safety & Security	Stan Flahaut	918-591-3163	(b) (6)	817-689-3068
Incident Commander, Operations	John Patterson	918-591-3162		214-532-7532
Logistics	Richard Hawkins	918-591-3176		254-532-7530
Logistics	Jack Philips	918-591-3161		214-709-2285
Incident Commander, Logistics	Cody Rogers	918-591-3175		
	ROW Grapevine			214-882-2841
	Arlington	918-591-3160		
Incident Commander, Logistics	Rodney Burton	918-591-3174		214-532-7533
	Carrollton Jct.	918-591-3374		
	Dallas	918-591-3370		
Logistics	Marvin Dennis	918-591-3170		214-709-7850
	DFW	918-591-3366		
	Fort Worth Delivery	918-591-3390		
	FW Chevron	NA		
	FW Meter	918-591-3364		
	Grapevine	918-591-3368		
	Hearne	918-591-3309		
	Irving	918-591-3372		
	Lake Creek	918-591-3311		
	Ross	918-591-3315		
	Waco	918-591-3313		
Incident Commander, Logistics	Jeramy Welch	918-591-3173		214-532-9546

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

CORPORATE RESPONSE PERSONNEL/OTHER COMPANY CONTACTS INTERNAL NOTIFICATIONS				
TITLE	**NAME**	**OFFICE**	**HOME**	**CELL**
	Board Room	918-493-5130		
	Banner Room	918-493-5187		
	Mark Applegate	918-359-5401		
Business Interruption	Dolin Argo	918-493-5142		918-697-8508
Incident Commander, Deputy IC	Maurice Ashcraft	918-493-5102		918-549-8459
	Uriel Ayala	918-493-5136		918-688-6995
	Patricia Baca	918-493-5195		
	Trudy Bailey	918-359-5401		
	Jonathan Ballard	918-359-5442		918-407-7716

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

CORPORATE RESPONSE PERSONNEL/OTHER COMPANY CONTACTS INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	HOME (b) (6)	CELL
	Andrew Bell	918-493-5105		918-289-5324
	Terry Biehl	918-493-5108		918-637-4816
	Bryan Boler	918-493-5196		
Liaison Safety & Environmental Regulatory	Kevin Brown	918-493-5104		918-637-2422
	John Bryant	918-359-5401		
	Jeff Bullinger	918-359-5401		918-231-9285
Planning, Repair and Restart	Kraig Caldwell	918-359-5410		918-697-1103
	Roni Clegg	918-493-5179		918-636-0694
	Drew Cosgrove	918-493-5149		
PR Media, Govermental Officials	Curtis Craig	918-493-5107		918-694-4076
	Ray Curtis	918-493-5166		918-607-7835
	Brian Dedeke	918-493-5177		918-510-1421
	Bob Dudley	918-493-5128		918-381-7730
	Brian Gasperino	918-493-5158		918-798-1065
Planning	Kevin Gatrell	918-359-5430		918-638-6605
Finance	Scott Gibby	918-493-5120		918-381-5520
Finance	Chance Gipson	918-493-5152		918-694-4044
Logistics	Todd Golla	918-493-5144		918-381-0088
	Leslie Graves	918-493-5192		
	Kaye Hayes	918-493-5113		
	Jeremy Henry	918-493-5156		918-418-2613
Finance	Duane Hobart	918-493-5103		918-636-6211
Operations	Gilbert Hoelscher	918-493-5194		918-693-3149
	Marcus Hulen	918-359-5441		918-695-1503
	Kevin Janney	918-359-5440		918-698-4150
Incident Commander, Deputy IC, Regulatory, PR Media	Tom Jensen	918-493-5106		918-638-1920
	Marty Johnson	918-493-5126		918-206-4688
	Scott Kelley	918-359-5401		
	Karen Kennedy	918-493-5164		918-644-3505
	Jeremiah Konell	918-359-5409		918-418-1787

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

CORPORATE RESPONSE PERSONNEL/OTHER COMPANY CONTACTS INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	CELL
	Kelly Lewis	918-493-5151		918-637-2719
Planning	Russ Martin	918-493-5190		918-636-5113
	Ray Matlock	918-493-5153		918-694-4046
	Jean McAuley	918-493-5175		
	Ronnie McGee	918-359-5401		918-845-2303
	Lanny McNeely	918-493-5112		918-892-5619
Planning	Dan Merritt	918-359-5447		918-381-0472
	Michelle Migdat	918-359-5472		918-408-1142
Incident Commander, Logistics	Rex Mitchener	918-493-5147		918-636-6195
	Ryan Moore	918-359-5471		918-327-2397
	Aaron Mosier	918-359-5401		
Administrative	Katrina Moss	918-493-5117		
	Steve Nelson	918-359-5401		
Repair and Restart	Patrick Nwakoby	918-493-5172		918-636-0589
	Eddie Pruett	918-359-5401		
	Chris Roddy	918-493-5193		
Repair and Restart	Carol Rose	918-493-5109		918-855-5739
	Rhonda Runde	918-493-5121		918-497-9350
Finance	Bill Sanders	918-493-5160		918-231-3489
	Sam Sansone	918-493-5114		918-798-7305
	Dan Shaw	918-359-5401		
Planning	Marilyn Shores	918-493-5178		918-706-1148
Incident Commander, Liaison Safety & Environmental, Regulatory	Jim Sieck	918-493-5143		918-694-4043
	Kelly Smith	918-359-5401		
	Gerald Spencer	918-493-5171		918-849-4382
Operator	Travis Steward	618-251-0251		618-610-2076
	Corbin Swain	918-493-5150		918-407-8862
Planning	Mary Thomason	918-493-5119		918-605-1396
Operations	Steve Tollette	918-493-5141		918-698-0939
Repair and Restart	Tim Turner	918-493-5157		918-798-7310

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

CORPORATE RESPONSE PERSONNEL/OTHER COMPANY CONTACTS INTERNAL NOTIFICATIONS				
TITLE	NAME	OFFICE	(b) (6)	CELL
Planning	Jack Van Schenck	918-493-5129		918-637-0266
Administrative	Tim Vander Kooi	918-493-5165		918-637-5085
	Jeff VanDyke	918-359-5401		
	Gloria Vaughn	918-493-5116		918-200-4842
Logistics	Greg Wagnon	918-493-5138		918-637-6005
	Budde Winton	918-359-5401		
Business Interruption	Rod Woodford	918-493-5135		918-857-0043
Deputy IC, PR Media, Govermental Officials	Dave Ysebaert	918-493-5103		918-269-7704
	Peter Zepf	918-359-5443		918-565-8094

2.2 EXTERNAL NOTIFICATIONS

External notifications are those made to entities outside of the company including federal, state and local regulatory agencies, as well as railroad and utility companies. These notifications include both verbal and written requirements.

2.2.1 Verbal Notification Requirements

Immediate internal notification is to be made in accordance with the Internal Notification Procedures found in Section 2.1 when a system operational failure or other type of incident occurs. This will allow immediate evaluation and classification of incidents and prompt immediate telephonic notification as detailed in Figure 2.4 and 2.5 to the National Response Center (NRC), state agencies, local agencies, and other federal agencies as required. The information found on the Notification Data Sheet, Figure 2.3, should be used to disseminate incident information to the appropriate agencies.

For the purpose of this procedure, immediate reporting means reporting the instant a person has knowledge of an actual or suspected leak, uncontrolled release of product, any unplanned spill or other pipeline system failure. Information that causes any employee to reasonably suspect a leak or uncontrolled release of product must be immediately reported, even when the actual existence or location of a leak or release cannot yet be confirmed.

2.2.2 Written Notification Requirements

A written report is to be filed as soon as practical, but not later than 30 days after discovery of the incident to the Information Resources Manager, Office of Pipeline Safety, Pipeline and Hazardous Materials Safety Administration, US Department of Transportation. Information concerning the event shall be reported on PHMSA Form 7000-1 on-line on the PHMSA website via log-in. Paper reports are not required. This report is to be filed for all incidents reported telephonically and other incidents required to be reported in accordance with the criteria listed below.

The information required for completing the 30-day written report will be furnished by the Area Offices to the DOT Regulatory Compliance Department for submission to the DOT. Any subsequent or additional information that was not reported on the initial written report must be reported to the DOT Regulatory Compliance Department by the Area Office. This information will be utilized in filing a supplemental written report to the DOT as soon as possible, but no later than 30 days after its discovery.

NOTE: Refer to Figure 2.5 for any additional state written reporting requirements.

FIGURE 2.3

Vital Information Required - First Report

Complete the following on first notification of an emergency.

Date Time ☐ a.m. ☐ p.m. Recorded by

1. Emergency Reported By

Name

Contact Number During Emergency

Contact Number After Emergency

Alternate Contact Number

2. Type of Emergency

☐ Suspected Leak ☐ Actual Leak ☐ Fire
☐ Tornado ☐ Hurricane ☐ Damaged Pipeline
☐ Act of Aggression ☐ Emergency Line Locate ☐ Other – describe below

3. Location of Emergency

State County
City/Town Milepost

4. Deaths or Injuries

a. Have deaths occurred as a result of the emergency? ☐ Yes ☐ No
   If yes, provide approximate number of fatalities.
b. Have injuries occurred as a result of the emergency? ☐ Yes ☐ No
   If yes, provide approximate number of injuries.
   Describe nature of injuries.

5. Type of Surroundings in Vicinity of Emergency

☐ Residential ☐ Industrial ☐ Rural ☐ Urban
☐ Power Lines ☐ River ☐ Channel ☐ Lake
☐ Highway ☐ Bridge ☐ ☐

6. Possible Ignition Sources

Describe any possible ignition sources in the vicinity of the emergency.

7. Product Information

a. Is product visible/apparent in association with the emergency? ☐ Yes ☐ No
b. Type of Product ☐ Crude ☐ Gas ☐ Diesel ☐ Jet ☐ Other
c. Estimated Volume Released ☐ 1 - 10 BBL ☐ 10 - 25 BBL ☐ 25 - 50 BBL ☐ 50 - 100 BBL ☐ 100+ BBL

8. Time of Occurrence and Discovery

a. When did the emergency occur? (Time may be approximate.)
   Date Time ☐ a.m. ☐ p.m.

b. When was the emergency discovered? (Time may be approximate.)
Date _____ Time _____ ☐ a.m. ☐ p.m.

9. Description of Occurrence

If possible, briefly describe how the emergency occurred. (Reason for discharge of product.)

_____

_____

10. Weather Condition

a. Current Weather Conditions Wind Velocity _____ mph Wind Direction _____
Temperature _____ ° F Thunderstorm ☐ Yes ☐ No Humidity _____ %
Other

b. Weather Conditions at Time of Occurrence Wind Velocity _____ mph Wind Direction _____
Temperature _____ ° F Thunderstorm ☐ Yes ☐ No Humidity _____ %
Other

11. Actions Taken

a. Valves Closed _____
b. Names of Employees Notified _____
c. Emergency Services Notified Fire ☐ Yes ☐ No Police ☐ Yes ☐ No Ambulance ☐ Yes ☐ No
d. Other Notifications _____

12. Additional Pertinent Information

Provide any additional pertinent information below.

_____

_____

_____

FIGURE 2.4

EXTERNAL NOTIFICATION FLOWCHART

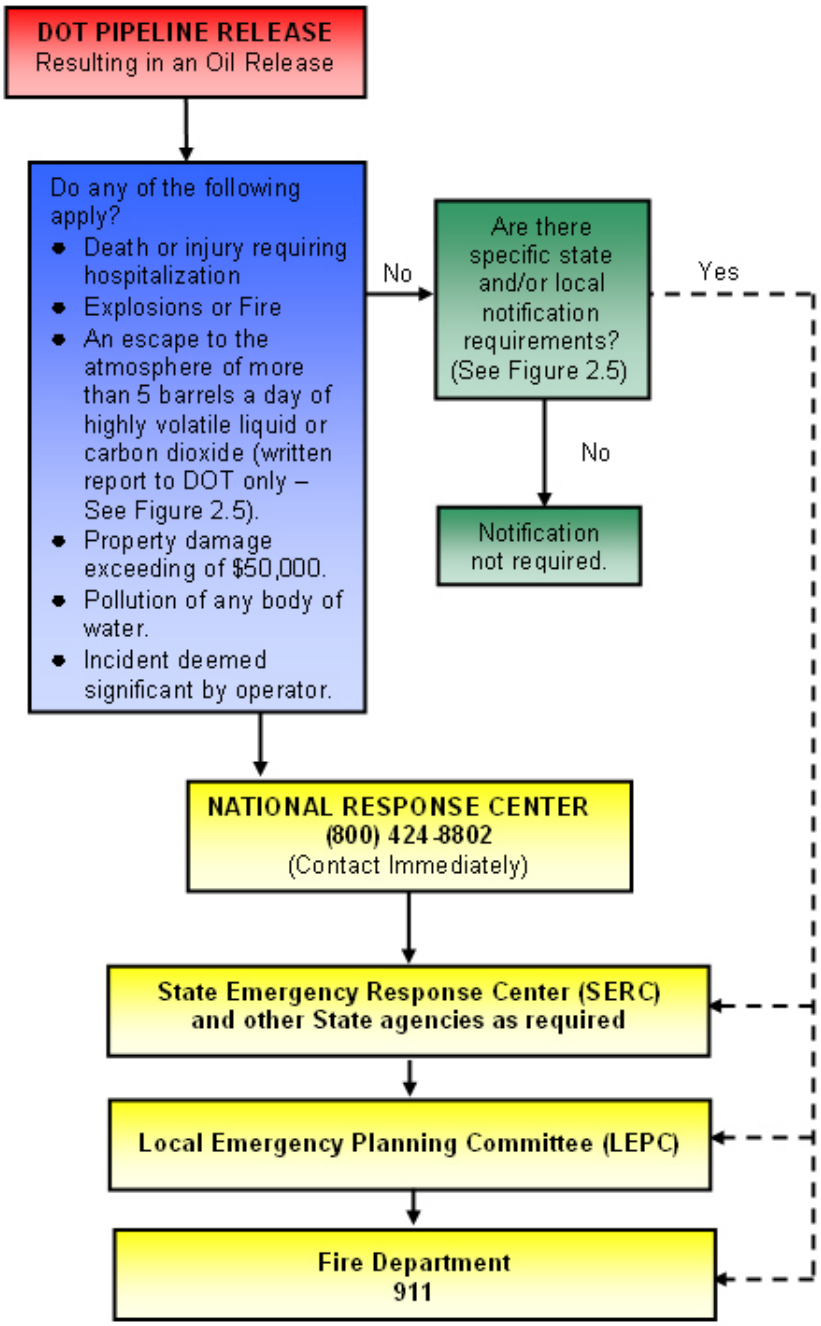


FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES

REQUIRED NOTIFICATIONS	
Department of Transportation	
Information Resources Manager Office of Pipeline Safety 1200 New Jersey Avenue, SE East Building Washington, District of Columbia	(800) 424-8802 (NRC) (202) 267-2675
Southwest Region Office of Pipeline Safety 8701 S. Gessner Ste 1110 Houston, TX 77074	(713) 272-2859 (Office) (713) 271-2831 (Fax)
Central Region 901 Locust Street, Suite 462 Kansas City, MO 64106-2641	(816) 329-3800 (Office) (816) 329-3831 (Fax)

Reporting Requirements:

Type: In addition to the reporting of accidents to the NRC, a written accident report (PHMSA Form 7000-1) must be submitted for releases resulting in any of the following: 1) explosion or fire not intentionally set by the operator; 2) release of five gallons or more of hazardous liquid or carbon dioxide, except that no report is required for a release of less than five barrels resulting from a pipeline maintenance activity if the release is, not one described under the NRC's reporting conditions;confined to Company property or pipeline right-of-way;and cleaned up promptly; 3) death of any person; 4) personal injury necessitating hospitalization; 5) estimated property damage, including cost of cleanup and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding $50,000.

Written: As soon as practicable, an accident meeting any of the above criteria must be reported on PHMSA Form 7000-1. The report must be sent to DOT no later than 30 days after the release. Changes or additions to the original report (PHMSA Form 7000-1) must be filed as a supplemental report within 30 days.

NATIONAL RESPONSE CENTER (NRC)	
c/o United States Coast Guard 2100 2nd Street Southwest Room 2611 Washington, District of Columbia	(800) 424-8802 (24 Hr.) (202) 267-2675 (24 Hr.)

Reporting Requirements:

Type: For all spills that impact or threaten to impact navigable water or for any failure in a pipeline system that: 1) Caused a death or a personal injury requiring hospitalization; 2) Resulted in either a fire or explosion not intentionally set by the carrier; 3) Caused estimated damage to the property of the carrier or others, or both, of a total of $50,000 or more; 4) Resulted in the pollution of any stream, river, lake, reservoir, or other similar body of water that violated applicable water or adjoining shoreline, causing a discoloration or emulsion beneath the surface of the water or upon adjoining shorelines; 5) In the judgment of the carrier, was significant even though it did not meet the criteria of any other subparagraph of this paragraph (cleared through Management).

Written: Not required

FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

© Response Management Associates, Inc.

FIGURE 2.2
EXTERNAL NOTIFICATION REFERENCES (Cont'd)

NON-REQUIRED ASSISTANCE/ADVISORY NOTIFICATIONS (Outside Resources)		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Chemtrec/Bureau of Explosives	National	(800) 424-9300
FBI	Washington	(202) 324-3000
U.S. Fish and Wildlife Service	Washington	(202) 208-7535
National Oceanic and Atmospheric Administration	National	(301) 713-3038 Ext. 110
U.S. Environmental Protection Agency - EPA Region 5	Chicago	(312) 353-2000
U.S. Fish and Wildlife Service		(612) 713-5301
U.S. Environmental Protection Agency - EPA Region 7	Kansas City	(913) 281-0991 (24 Hr.)
U.S. Coast Guard District Response Group (DRG) and District Response Advisory Team (DRAT)	New Orleans	(504) 589-6901 (Daytime)
U.S. Coast Guard St. Louis Area	St. Louis	(866) 360-3386 24 hr
U.S. Fish and Wildlife Service		(505) 248-6282
Ducks Unlimited (Conserves, Restore & Manages Wetlands Only)	Memphis	(901) 758-3825
U.S. Environmental Protection Agency - EPA Region 6	Dallas	(866) 372-7745 (24 Hr.)
U. S. Coast Guard	Houston	(713) 671-5100
U.S. Fish and Wildlife Service	Houston	(281) 286-8282
Federal Aviation Administration	Dallas	(972) 615-2500
National Wildlife Federation	Vienna	(703) 438-6000

AERIAL PATROLS		
AGENCY	LOCATION	OFFICE/ALTERNATE
Brentco Aerial - Verdigris River to Missouri River, MP 413 to MP 602.5 200 Spruce Drive	Durango 81301, Colorado	(970) 259-4098 / (970) 769-7948
Brentco Aerial - MP 413 to MP 602.5 200 Spruce Drive	Durango 81301, Colorado	(970) 259-4098 / (970) 769-7948
Sun Aero MP 602.5 to Hammond Area Lansing Municipal Airport	Lansing 60438, Illinois	708-895-8958 / 219-201-4611
Fostaire Helicopters - Missouri River to MP 413.4 5600 Vector Drive	Sauget, IL 62206, Illinois	(618) 337-4440 / (314) 488-7780
Crumpton Aviation - Okmulgee to Verdigris 9051 South Airport Way	Jenks, Oklahoma	(918) 209-4900 / (918) 691-2916
Gulf Coast Helicopters - Pt. Neches to Huntsville, Huntsville to Greenville, Greenville to DFW, Greenville to Okmulgee, Allendale to Plantersville, Plantersville to Highway 67 and Denton to Ardmore 4810 Comal Street	Pearland, TX 77581, Texas	(713) 208-6928 / (281) 485-7345

INSURANCE		
AGENCY	LOCATION	OFFICE/ALTERNATE
Marsh USA - Lynn Fynch 401 South Boston	Tulsa, OK 74130, Oklahoma	918-586-7914
Marsh USA - Mary Strait 401 South Boston	Tulsa, OK 74103, Oklahoma	918-586-7952

LEGAL COUNSEL		
AGENCY	LOCATION	OFFICE/ALTERNATE
Sidley Austin, LLP. 1501 K Street Northwest	Washington, 20005 , District of Columbia	202-736-8000
Craig & Craig 1807 Broadway Ave.	Matoon, 61938, Illinois	217-234-6481
Eichhorn, Eichhorn & Link 200 Russell Street	Hammond, 46325, Indiana	219-931-0560
Kean, Miller, Hawthorne - Been R. Miller P.O. Box 3513	Baton Rouge, 70821, Louisiana	225-387-0999 / 225-382-3401
Armstrong & Teasdale, LLC. One Metropolitan Squre	St. Louis, MO 63102, Missouri	314-621-5070
McAfee & Taft - Chris Paul 1717 South Boulder #900	Tulsa 74119, Oklahoma	(918) 574-3037 / (918) 760-2560
Jackson & Walker - Johnny Clayton 100 Louisiana Street, Suite 4200	Houston 77002, Texas	713-752-4200 / 713-752-4218
Jackson & Walker - Gordon Shapiro 901 Main St., Suite 6000	Dallas 75202 , Texas	214-953-6000

DRUG AND ALCOHOL TEST LOCATIONS		
AGENCY	LOCATION	OFFICE/ALTERNATE
Concentra - Hammond 6423 Columbia Ave.	Hammond 4320, Indiana	219-937-3632 / 219-937-3632
AFTER HOURS - Pipeline Testing Consortium 9 Compound Drive	Hutchinson, Kansas	(620) 727-0063
EMSI - Wood River 2821 Ballas Road, Suite C-50	St. Louis, MO 63131, Missouri	(636) 537-3200 / 866-236-3674
EMSI-Springfield, MO 3000 East Division	Springfield, MO 65802, Missouri	417-863-7445 / 866-236-3674
Concentra - Wood River 7927 North Lindbergh Blvd.	Hazelwood 63042, Missouri	314-831-8511
Concentra - Mt. Vernon, MO 3000 East Division	Springfield 65802, Missouri	417-863-7445
Concentra - Glenpool & Tulsa 9515 E 51st Street - Ste. G	Tulsa, Oklahoma	(918) 622-7488 / (918) 622-7488
Concentra - Glenpool 9515 East 51st Street	Tulsa, Oklahoma	(918) 622-7488 / (918) 622-7488
EMSI - Tulsa 6913 South Canton Ave., Suite 100	Tulsa, OK 74136, Oklahoma	918-488-0500 / 866-236-3674
EMSI - Port Arthur 85 I-10 North, Suite 204	Beaumont, TX 77707, Tennessee	409-832-2505 / 866-236-3674
EMSI - Greenville 4950 Keller Springs, Suite 130	Addison, TX 75001 , Texas	972-239-8334 / 866-236-3674
EMSI - Houston 2900 Weslayan, Suite 480	Houston, TX 77027, Texas	713-850-1050 / 866-236-3674
Concentra - Ft Worth 4060 Sandshell Drive	Ft Worth 76137, Texas	817-306-9777 / 214-630-2331
Concentra - Richardson 701 East Plano Parkway, Suite 103	Plano, TX 75074, Texas	972-578-2212 / 214-630-2331
Concentra - Irving 2233 East Grauwler Road	Irving 75061, Texas	972-554-8494 / 214-630-2331
Concentra - Grapevine 2100 SH 360, Suite 2201	Grand Prairie 75050, Texas	972-988-0441 / 214-630-2331
Concentra - Greenville 701 East Plano Parkway	Plano 75074, Texas	972-578-2212 / 214-630-2331
Concentra - Houston 125 East 8th Street	Deer Park 77536, Texas	281-930-8555

TRAILER AND RV VENDORS		
AGENCY	LOCATION	OFFICE/ALTERNATE
U.S. Rents-It 1513 Industrial Drive	Jefferson City, 65109, Missouri	573-635-6171 (office)
RV Vacation Rentals 16051 S Highway 66	Claremore 74017, Oklahoma	918-342-4468 / 866-556-7695

GENERATOR CONTRACTORS		
AGENCY	LOCATION	OFFICE/ALTERNATE
Cummins - Dave Moyer	Denver , Colorado	303-287-0201 x2237 (office)
Pantropic Power Systems - Tony Noa	Miami , Florida	305-477-3329 (office) / 786-402-0111 (cellular)
Cummings Bridgeway Power		248-573-1525 (office) / 989-737-3330 (cellular)
Ziegler Power Systems 8050 State Highway 101	Shakopee 55379, Minnesota	952-887-4501
Gregory Poole Power Systems - Jane Elmore		800-447-3142 (office) / 919-422-8246
Michigan Caterpillar Power Systems - Ed Pellegrini		2498-349-7050 x4344 / 313-350-8911
Generation Power LLC		770-751-4026 / 205-601-6443

POWER LINE UTILITIES		
AGENCY	LOCATION	OFFICE/ALTERNATE
NIPSCO - Hammond Station - Circuit Number 3410	Hammond , Indiana	219-647-6253 / 800-464-7726
OGE - Glenpool Station	Glenpool , Oklahoma	(405) 553-8109 / (800) 550-4643
PSO/AEP - Glenpool Station	Glenpool , Oklahoma	(918) 669-3709 / (866) 631-6208
Center Point/Reliant Energy - Houston Station - Substation EXPLOR Circuit GB08	Houston, Texas	(281) 894-0491 / (281) 890-6622
TXU - Greenville Station	Greenville , Texas	214-354-7525 / 972-564-7050
TXU - Grapevine/Southlake Station	Grapevine , Texas	888-313-4747
Entergy - Port Arthur Station -Substation Line 564 and 574	Port Arthur , Texas	800-766-1648

MEDIA/PR		
COMPANY	LOCATION	TELEPHONE
Schnake Turnbo and Frank, Inc. - Russ Florence	101 Park Ave. Suite 1125, Oklahoma City, Oklahoma	(405) 602-2000 / (918) 633-8587
Schnake Turnbo and Frank, Inc. - Steve Turnbo	20 E.5th Street, Suite 1500, Tulsa 74103, Oklahoma	(918) 430-3003 / (918) 645-1082
Schnake Turnbo and Frank, Inc. - Becky Frank	20 E. 5th Street, Suite 1500, Tulsa 74103, Oklahoma	(918) 430-3000 / (918) 671-1123
Schnake Turnbo and Frank, Inc. - Kari Culp	East 5th Street, Suite 1500, Tulsa, Oklahoma	(918) 430-3016 / (918) 269-9505
Schnake Turnbo and Frank, Inc. - David Wagner	East 5th Street, Suite 1500, Tulsa, Oklahoma	(918) 430-3006 / (918) 691-7236
Schnake Turnbo and Frank, Inc. - Blake Loep	East 5th Street, Suite 1500, Tulsa, Oklahoma	(918) 430-3019 / (918) 978-6475

FIRE AND FOAM SPECIALIST		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Williams Fire and Hazard Control	Houston	(409) 727-2347 (281) 999-0276

VACUUM AND FRAC TRUCK COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Baker Tanks	South Roxana	618-254-8700
K Plus	Gary	219-937-4060
National Industrial Maintenance	East Chicago	219-398-6660
Tank Trucks, Inc.	Sapulpa	918-224-7515
Independent	Drumright	918-352-2539
Tiger Trucks	Seminole	405-382-4722
Baker Tank	Oklahoma City	405-912-4800
Cactus	Dallas	214-252-5000
American Spill Control	Seagoville	972-287-7100
Eagle Environmental	Dallas	800-336-0909

EQUIPMENT RENTAL COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
No Data		

VETERINARIANS		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
11th Saint Vet Hospital	Huntsville	(936) 293-8900 281-890-6622

WILDLIFE REHABILITATION COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
International Bird Rescue	Fairfield	707-207-0380
Tri-State Bird Rescue	Newark	302-737-7241 302-737-9543
Paradigm	Owasso	918-605-0341
Wildlife Response Services	Seabrook	713-705-5897

ROLL-OFF BOX COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Mid West Sanitary	Wood River	618-254-0171
Pollution Control Industries	East Chicago	219-397-3951
Homewood Disposal	Homewood	708-798-1004?
Smithy	Tulsa	918-245-1070
Baker Tank	Oklahoma City	405-912-4800
Clean Harbors	Waynoka	580-697-3500
Eagle Environmental	Dallas	800-336-0909
Cactus	Dallas	214-252-5000
Baker Tank	Dallas	817-608-0576

ENVIRONMENTAL CONSULTING COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Terracon	Napperville	630-717-4263
Aquaterra	Tulsa	918-459-4175
Terracon	Dallas	214-630-1010

GST	Denton	940-440-9787
Pastor, Behling, Wheeler	Austin	512-671-3434

ANALYTICAL LABORATORIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Tek-Lab, Inc.	Collinsville	618-344-1004
Test America	Valparaiso	219-464-2389
Green Country Testing	Tulsa	918-828-9977
ERMI	Allen	800-228-3764

CRANE RENTAL COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Koehl Brothers	Fairbury	815-692-2326
Waggoner	Wood River	618-254-2464
Imperial Crane	Hammond	219-924-2900
Central Crane	Hammond	219-989-7500
Ozark Crane	Joplin	417-623-7637
Belger Cartage Crane Service	Tulsa	918-834-4431
Davis Craine Service	Irving	972-438-1122 214-354-4595
Luckett Crane	Commerce	903-886-3407
Maxim Crane	Dallas	817-656-8345

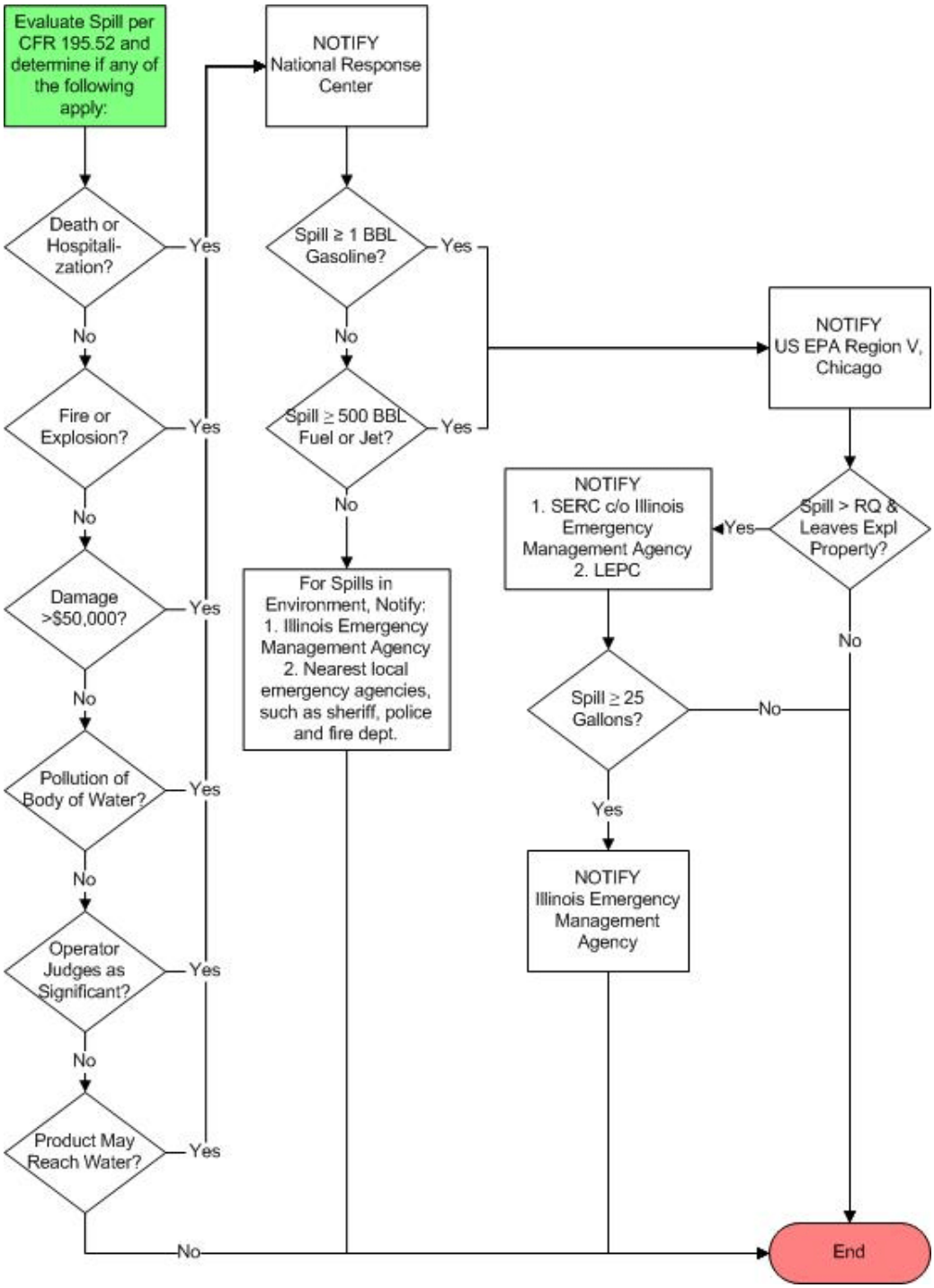
PIPELINE MAINTENANCE AND REPAIR COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Roberts Pipeline Construction	Middletown	765-533-4728
Geeding	Troy	636-528-5264
Vaught Construction	Crane	417-723-8019
Mid-America	Claremore	(918) 629-3981
ETI	Crosby	832-309-2049
Driver Pipeline	Irving	214-638-7131
Bobcat	Hillsboro	903-588-2017
Sunland Construction	Channelview	281-457-6489
Sunland Construction	Channelview	281-457-6489
Zaval-Texas Construction	Beaumont	409-794-3500

PORT-A-LATHE COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Car-Ber Testing	Hammond	219-844-8040
Site Services	Tulsa	918-836-4451
Porta-Lath, Inc	Houston	713-747-0090
Car-Ber Testing	Baytown	281-837-8003

PORT-A-POTTY COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Porta-John of Tulsa	Tulsa	(918) 836-8657
Texas Toilet	Greenville	(903) 456-4473

INDUSTRIAL HYGIENE COMPANIES		
AGENCY	**LOCATION**	**OFFICE/ALTERNATE**
Paradigm	Owasso	(918) 605-0341

Illinois


Evaluate Spill per CFR 195.52 and determine if any of the following apply:
NOTIFY National Response Center
Death or Hospitali-zation?
Yes
No
Fire or Explosion?
Yes
No
Damage >$50,000?
Yes
No
Pollution of Body of Water?
Yes
No
Operator Judges as Significant?
Yes
No
Product May Reach Water?
Yes
No
Spill ≥ 1 BBL Gasoline?
Yes
No
Spill ≥ 500 BBL Fuel or Jet?
Yes
No
For Spills in Environment, Notify:
1. Illinois Emergency Management Agency
2. Nearest local emergency agencies, such as sheriff, police and fire dept.
NOTIFY US EPA Region V, Chicago
Spill > RQ & Leaves Expl Property?
Yes
No
NOTIFY
1. SERC c/o Illinois Emergency Management Agency
2. LEPC
Spill ≥ 25 Gallons?
No
Yes
NOTIFY Illinois Emergency Management Agency
End

Illinois

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY – EMERGENCY MANAGEMENT AGENCY (SERC)	
110 East Adams Springfield Illinois	(800) 782-7860 (24 Hrs.) (217) 782-7860

Reporting Requirements:

Type: [REPORTABLE VOLUME: 25 GALLONS] 1) Oil discharges from a tank in the amount of 25 gallons or more: or a discharge from a tank less than 25 gallons that cannot be cleaned up within 24 hours; 2) Oil discharges reportable under federal reporting requirements (NRC); 3) Hazardous substances that meet or exceed the Federal Reportable Quantity (RQ); 4) Accidents involving hazardous materials, excluding petroleum, that results in any of the following: a) A member of the general public is killed or receives injuries requiring hospitalization; b) An authorized official of an emergency agency recommends evacuation of an area by the general public; c) A motor vehicle has overturned on a public highway.

Verbal: Immediately

Written: As soon as practicable after the release. [STATE CITATION: 41 IAC 170.590]

LOCAL FIRE DEPARTMENT	
(See Responze Zone Annexes for contact information) Various Cities Illinois	Refer to Response Zone Annexes

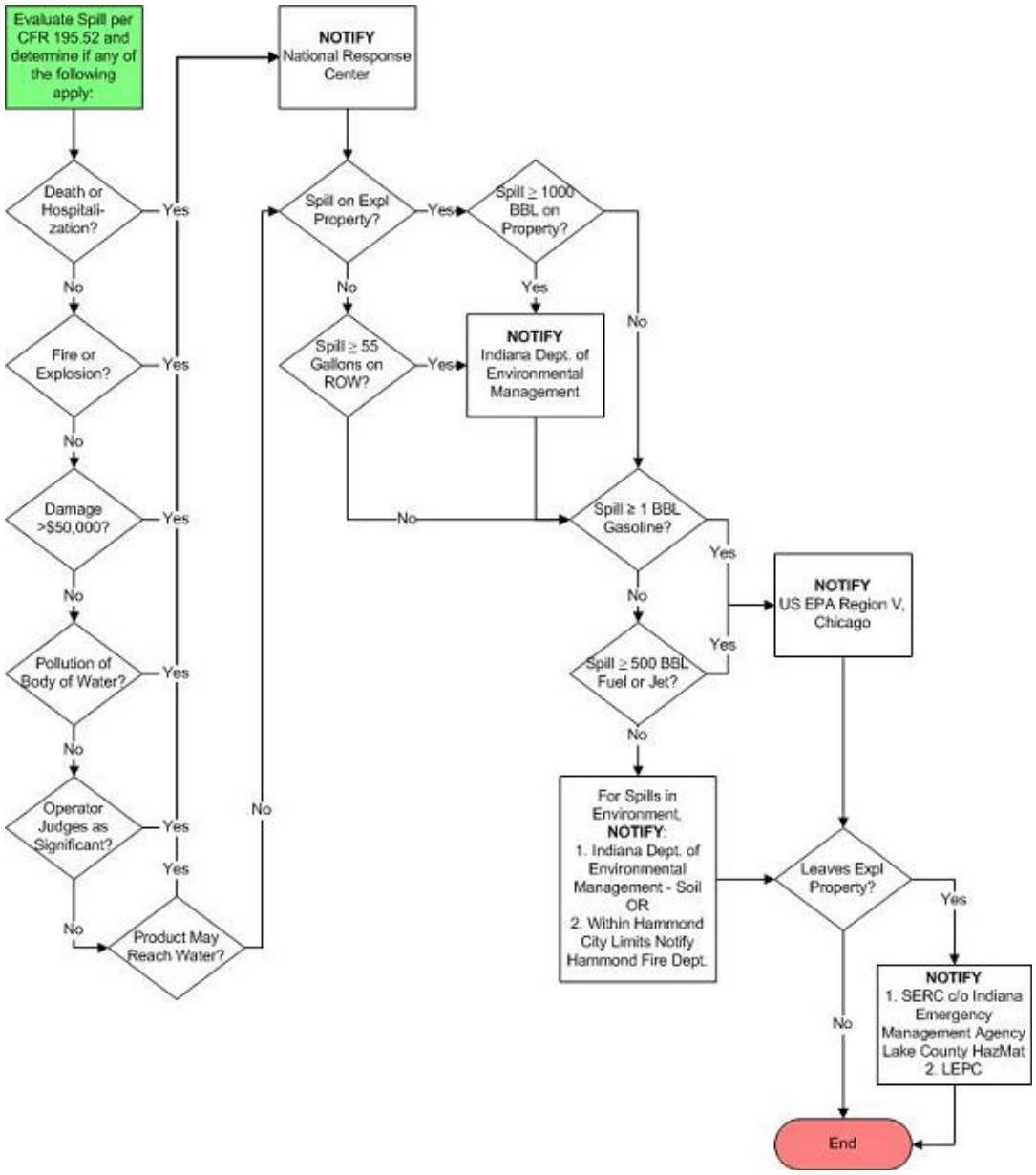
Reporting Requirements:

Type: All discharges of hazardous materials reportable under Federal, State, or local regulations. Per the Illinois Administrative Code, flammable and combustible liquids are considered hazardous materials.

Verbal: Immediately

Written: As the agency may request, depending on the circumstances.

Indiana


Evaluate Spill per CFR 195.52 and determine if any of the following apply:
NOTIFY National Response Center
Death or Hospitali-zation?
Yes
No
Fire or Explosion?
Yes
No
Damage >$50,000?
Yes
No
Pollution of Body of Water?
Yes
No
Operator Judges as Significant?
Yes
No
Yes
Product May Reach Water?
No
Spill on Expl Property?
Yes
No
Spill ≥ 1000 BBL on Property?
Yes
No
Spill ≥ 55 Gallons on ROW?
Yes
No
NOTIFY Indiana Dept. of Environmental Management
Spill ≥ 1 BBL Gasoline?
Yes
No
Spill ≥ 500 BBL Fuel or Jet?
Yes
No
NOTIFY US EPA Region V, Chicago
For Spills in Environment, NOTIFY:
1. Indiana Dept. of Environmental Management - Soil
OR
2. Within Hammond City Limits Notify Hammond Fire Dept.
Leaves Expl Property?
Yes
No
NOTIFY
1. SERC c/o Indiana Emergency Management Agency Lake County HazMat
2. LEPC
End

Indiana

INDIANA DEPARTMENT OF EMERGENCY MANAGEMENT (SERC)	
Office of Environmental Response 2525 North Shadeland Avenue Indianapolis Indiana	(888) 233-7745

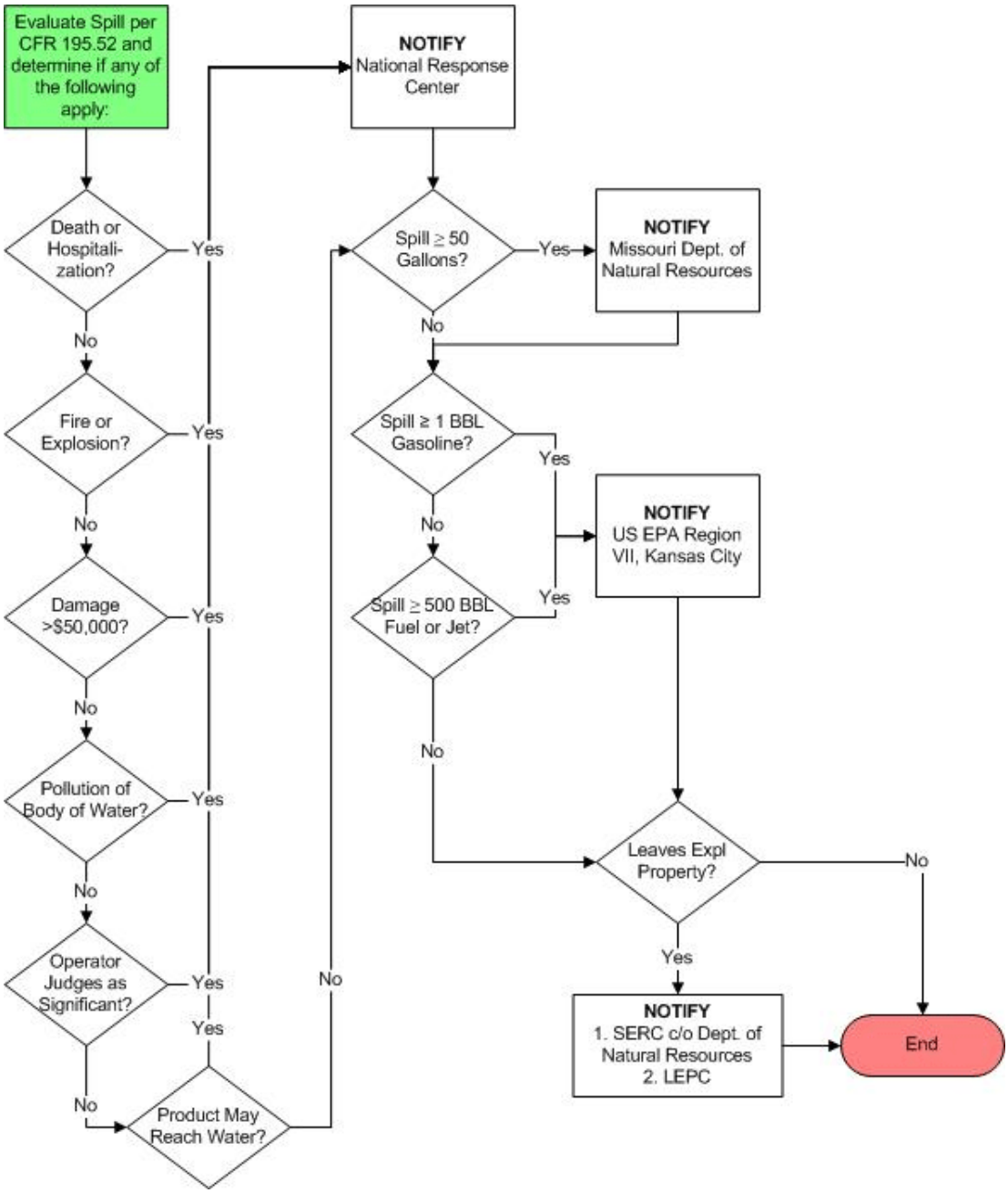
Reporting Requirements:

Type: [REPORTABLE VOLUME: 55 GALLONS OFF FACILITY OR 1,000 GALLONS BEYOND FACILITY] 1) Any oil discharge that causes a sheen on surface waters; 2) Any spill to land beyond the facility boundary that exceeds 55 gallons; 3) Any spill to land located within the facility boundary that exceeds 1,000 gallons; 4) Any release of hazardous substance beyond the facility boundary that exceed 100 lbs or the RQ, whichever is less; 5) Any release of hazardous substances within the facility boundary that exceed the RQ

Verbal: Immediately

Written: As requested by the Agency. [STATE CITATION: 327 IAC 2-6-6.1-5 AND 327 IAC 2-6.1-6]

Missouri


Evaluate Spill per CFR 195.52 and determine if any of the following apply:
NOTIFY National Response Center
Death or Hospitali-zation?
Yes
No
Fire or Explosion?
Yes
No
Damage >$50,000?
Yes
No
Pollution of Body of Water?
Yes
No
Operator Judges as Significant?
Yes
Yes
No
Product May Reach Water?
No
Spill ≥ 50 Gallons?
Yes
NOTIFY Missouri Dept. of Natural Resources
No
Spill ≥ 1 BBL Gasoline?
Yes
No
Spill ≥ 500 BBL Fuel or Jet?
Yes
NOTIFY US EPA Region VII, Kansas City
No
Leaves Expl Property?
No
Yes
NOTIFY
1. SERC c/o Dept. of Natural Resources
2. LEPC
End

Missouri

MISSOURI EMERGENCY RESPONSE COMMISSION (SERC)	
MERC 2302 Militia Drive Jefferson City Missouri	(573) 634-2436

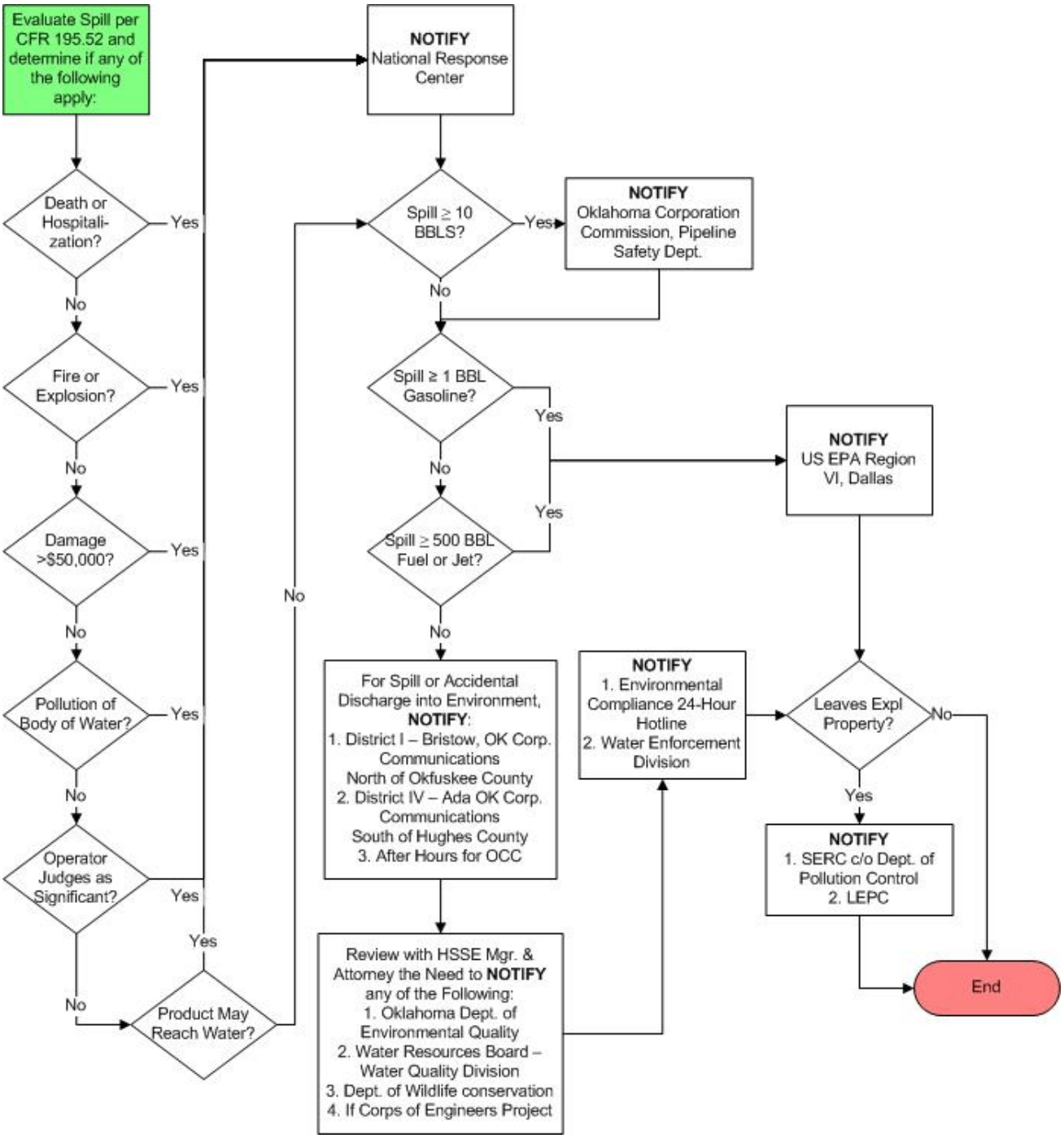
Reporting Requirements:

Type: [REPORTABLE VOLUME: 50 GALLONS] Any petroleum discharge into water; or, greater than 50 gallons into or onto land; or, 25 gallons or more from an underground storage tank onto land. Any hazardous substance exceeding an RQ.

Verbal: At the earliest practical moment upon discovery.

Written: As required by the Agency. [STATE CITATION: MCSR 24-2.010(8)(B)]

Oklahoma


Evaluate Spill per CFR 195.52 and determine if any of the following apply:
Death or Hospitali-zation?
Yes
No
Fire or Explosion?
Yes
No
Damage >$50,000?
Yes
No
Pollution of Body of Water?
Yes
No
Operator Judges as Significant?
Yes
No
Product May Reach Water?
Yes
No
NOTIFY
National Response Center
Spill ≥ 10 BBLS?
Yes
NOTIFY
Oklahoma Corporation Commission, Pipeline Safety Dept.
No
Spill ≥ 1 BBL Gasoline?
Yes
No
Spill ≥ 500 BBL Fuel or Jet?
Yes
No
NOTIFY
US EPA Region VI, Dallas
For Spill or Accidental Discharge into Environment, NOTIFY:
1. District I – Bristow, OK Corp. Communications North of Okfuskee County
2. District IV – Ada OK Corp. Communications South of Hughes County
3. After Hours for OCC
Review with HSSE Mgr. & Attorney the Need to NOTIFY any of the Following:
1. Oklahoma Dept. of Environmental Quality
2. Water Resources Board – Water Quality Division
3. Dept. of Wildlife conservation
4. If Corps of Engineers Project
NOTIFY
1. Environmental Compliance 24-Hour Hotline
2. Water Enforcement Division
Leaves Expl Property?
No
Yes
NOTIFY
1. SERC c/o Dept. of Pollution Control
2. LEPC
End

Oklahoma

OKLAHOMA CORPORATION COMMISSION	
Oklahoma Corporation Commission P.O. Box 52000 Oklahoma City Oklahoma	(405) 521-2211 (800) 522-0034 (405) 613-3570 (24 Hr)
District 1 - Bristrow 115 West 6th Street Bristow, OK 74010	(918) 367-3396
District 4 - Ada 703 Noth Broadway Ada, OK 74820	(580) 332-3441

Reporting Requirements:

Type: [REPORTABLE VOLUME: 10 barrels] Any oil discharge that has impacted waters of the state or release of a hazardous substance in an amount equal to or greater than the reportable quantity.

Verbal: Immediately.

Written: A follow-up report shall be made to the Department within 10 days after the discharge is first reported. [OAC 165.10-7-5(c)]

OKLAHOMA DEPT. OF WILDLIFE CONSERVATION – NATURAL RESOURCES SECTION	
1801 North Lincoln Oklahoma City Oklahoma	(405) 521-4616 (405) 990-5048

Reporting Requirements:

Type: Spill damaging wildlife.

Verbal: Immediately. The verbal report should contain the following:

Written: As requested by the agency.

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY	
Oklahoma Department of Environmental Quality P.O. Box 1677 Oklahoma City Oklahoma	(405) 702-6203 (24 Hr.) (800) 522-0206 (24 Hr.)

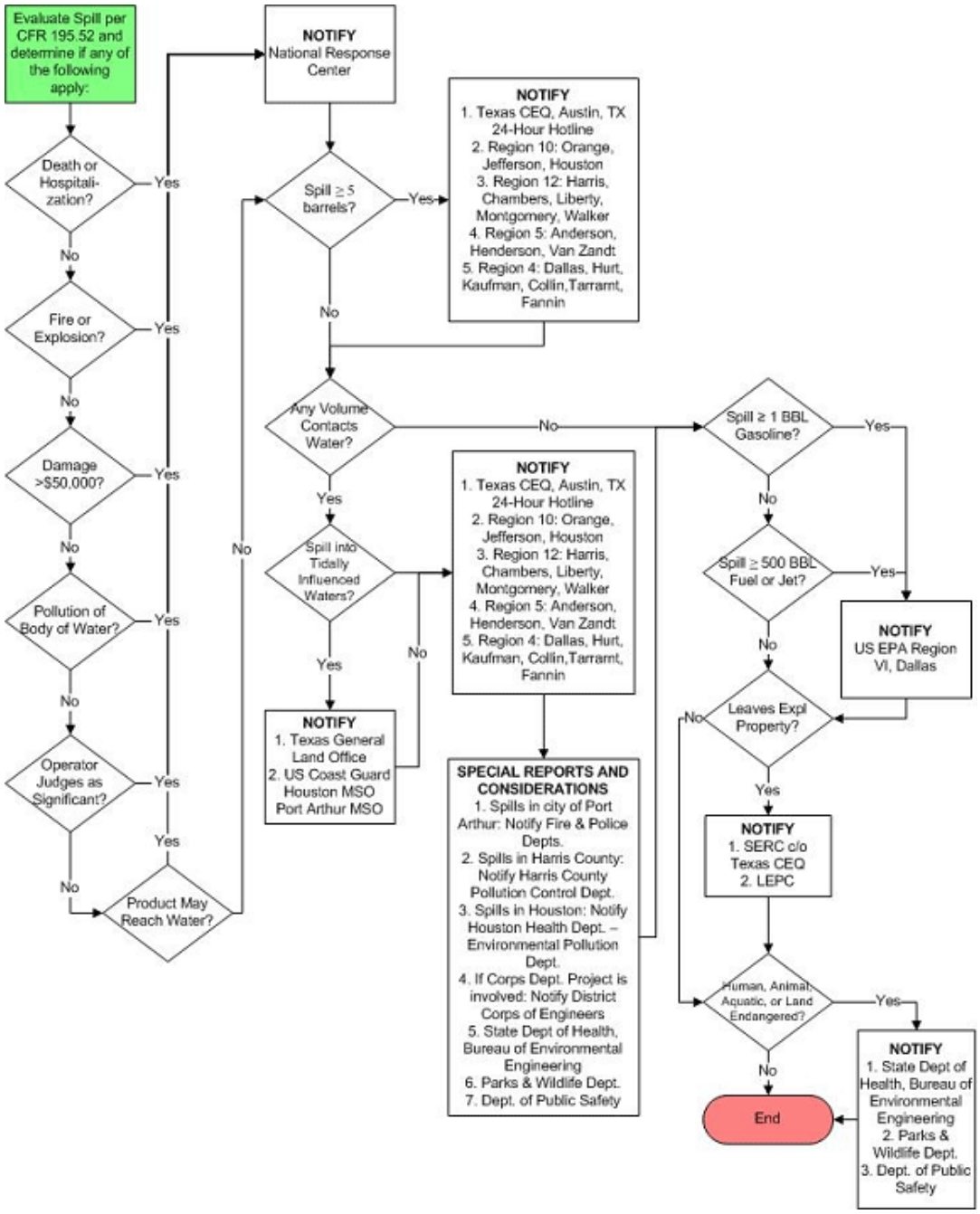
Reporting Requirements:

Type: Any oil discharge that has impacted waters of the state or release of a hazardous substance in an amount equal to or greater than the reportable quantity.

Verbal: Immediately.

Written: A follow-up report shall be made to the Department within 10 days after the discharge is first reported. A copy of Form PHMSA F 7000-1 (included in this section) submitted to DOT/PHMSA will suffice. Written reports should contain the following:

Texas


Evaluate Spill per CFR 195.52 and determine if any of the following apply:
Death or Hospitali-zation?
Yes
No
Fire or Explosion?
Yes
No
Damage >$50,000?
Yes
No
Pollution of Body of Water?
Yes
No
Operator Judges as Significant?
Yes
No
Product May Reach Water?
Yes
No
NOTIFY
National Response Center
Spill ≥ 5 barrels?
Yes
No
NOTIFY
1. Texas CEQ, Austin, TX 24-Hour Hotline
2. Region 10: Orange, Jefferson, Houston
3. Region 12: Harris, Chambers, Liberty, Montgomery, Walker
4. Region 5: Anderson, Henderson, Van Zandt
5. Region 4: Dallas, Hurt, Kaufman, Collin,Tarramt, Fannin
Any Volume Contacts Water?
No
Yes
Spill into Tidally Influenced Waters?
Yes
No
NOTIFY
1. Texas General Land Office
2. US Coast Guard Houston MSO Port Arthur MSO
NOTIFY
1. Texas CEQ, Austin, TX 24-Hour Hotline
2. Region 10: Orange, Jefferson, Houston
3. Region 12: Harris, Chambers, Liberty, Montgomery, Walker
4. Region 5: Anderson, Henderson, Van Zandt
5. Region 4: Dallas, Hurt, Kaufman, Collin,Tarramt, Fannin
SPECIAL REPORTS AND CONSIDERATIONS
1. Spills in city of Port Arthur: Notify Fire & Police Depts.
2. Spills in Harris County: Notify Harris County Pollution Control Dept.
3. Spills in Houston: Notify Houston Health Dept. – Environmental Pollution Dept.
4. If Corps Dept. Project is involved: Notify District Corps of Engineers
5. State Dept of Health, Bureau of Environmental Engineering
6. Parks & Wildlife Dept.
7. Dept. of Public Safety
Spill ≥ 1 BBL Gasoline?
Yes
No
Spill ≥ 500 BBL Fuel or Jet?
Yes
No
NOTIFY
US EPA Region VI, Dallas
Leaves Expl Property?
No
Yes
NOTIFY
1. SERC c/o Texas CEQ
2. LEPC
Human, Animal, Aquatic, or Land Endangered?
Yes
No
NOTIFY
1. State Dept of Health, Bureau of Environmental Engineering
2. Parks & Wildlife Dept.
3. Dept. of Public Safety
End

Texas

TEXAS EMERGENCY RESPONSE CENTER (TERC)	
Texas Commission on Environmental Quality Austin Texas	(800) 832-8224 (800) 832-8224

Reporting Requirements:

Type: [REPORTABLE VOLUME: 5 Barrels] All spills of petroleum products into waters of the state and discharges onto land that meet or exceed 210 gallons/5 barrels or exceed a RQ.

Verbal: Immediately

Written: As the agency may request depending on circumstances. [STATE CITATION: 30 TAC 327.4(b)]

TEXAS GENERAL LAND OFFICE	
Oil Spill Program 1700 N. Congress Ave. Austin Texas	(512) 475-1575 (800) 832-8224 (Alternate)

Reporting Requirements:

Type: Any unauthorized discharge or threat of discharge into the coastal environment.

Verbal: Within one (1) hour of discovery.

Written: Within sixty (60) days after the response actions have been declared complete.

FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

DIAL 911 for all Police, Fire, and Ambulance Emergencies		
USCG CLASSIFIED OIL SPILL REMOVAL ORGANIZATIONS (OSRO)		
COMPANY	**LOCATION**	**TELEPHONE**
Clean Harbors Environmental	Norwell, Massachusetts	(800) 645-8265
Heritage Environmental Services, Inc.	Bellefontaine (St. Louis) , Missouri	(800) 487-7455 (24 Hr.)
Acme Products	Tulsa 74115, Oklahoma	(918) 836-7184
SWS Environmental Services	Panama City Beach,FL, Texas	(877) 742-4215
Garner Environmental Services, Inc.	Deer Park, Texas	(281) 930-1200 (24 Hr.)

FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

ADDITIONAL RESPONSE RESOURCES (ALL RESPONSE ZONES)		
COMPANY	LOCATION	TELEPHONE
Response Management Associates, Inc.	Spring, Texas	(281) 320-9796

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3.0

3.1 Initial
Figure 3.1 Specific Incident Response Checklist
Figure 3.2 Flammable Liquids (Non-Polar/Water Immiscible)

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3.3 Oil Containment, Recovery and Disposal

3.4 Storage/Disposal

3.5 Sampling and Waste Analysis Procedures

3.6 Safety Awareness
3.6.1 General Response Safety
3.6.2 Air Monitoring
3.6.3 Decontamination
3.6.4 Personal Protective Equipment (PPE)

3.7 Shift-Turnover Procedure

3.1 INITIAL

Initial are those taken by local personnel immediately upon becoming aware of a discharge or emergency incident, before the Local Response Team (described in Section 4.0) is formed and functioning. Timely implementation of these initial steps is of the utmost importance because they can greatly affect the overall response operation.

The pages that follow discuss initial for a variety of emergencies that have the possibility of occurring. These emergencies are discussed in the order listed below:

- Leaks/Spills
- Fire/Explosions
- Vapor Cloud
- Bomb Threat
- Natural Disaster
- Medical Emergencies
- Terrorist/Security Incident

It is important to note that **these actions are intended only as guidelines**. The appropriate response to a particular incident may vary depending on the nature and severity of the incident and on other factors that are not readily addressed. Note that, **without exception, personnel and public safety is first priority**.

The first Company person on scene will function as the Incident Commander (IC) until relieved by an authorized supervisor who will assume the IC position. Transfer of command will take place as more senior management respond to the incident. For response operations within the control of the Local Response Team, the role of IC will typically be assumed and retained by Area Management.

The person functioning as **Incident Commander** during the initial response period **has the authority to take the steps necessary to control the situation and must not be constrained by these general guidelines**.

INITIAL - SUMMARY
PERSONNEL AND PUBLIC SAFETY IS FIRST PRIORITY
CONTROL
■ Eliminate sources of ignition
■ Isolate the source of the discharge, minimize further flow
NOTIFY
■ Make internal and external notifications
■ Activate the Local Response Team as necessary
■ Activate response contractors and other external resources as necessary
CONTAIN
■ Begin spill mitigation and response activities
■ Monitor and control the containment and clean-up effort
■ Protect the public and environmental sensitive areas

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3.1 INITIAL (Cont'd)

In addition to the potential emergency events outlined in this Section, the Company has identified several "abnormal operations" that could be expected in the pipeline facilities. The Company has defined the events and established procedures to identify, eliminate or mitigate the threat of a worst case discharge due to these events. In compliance with 49 CFR 195.402(d), these procedures are defined in the Company's Operations Manual.

FIRST COMPANY PERSON NOTIFIED/ON SCENE

- _____ Follow the appropriate "***Specific Incident Response Checklist***" in Figure 3.1 and "***Product Specific Response Considerations***" in Figure 3.2.
- _____ Notify **Central Control Technician** of the incident.

AREA MANAGEMENT

- _____ **Evaluate the Severity,** Potential Impact, Safety Concerns, and Response Requirements based on the initial data provided by the first person on scene.
- _____ Utilize local emergency services as necessary (police, fire, medical).
- _____ Assume the role of **Incident Commander**.
- _____ **Confirm safety** aspects at site, including need for personal protective equipment, sources of ignition, and potential need for evacuation.
- _____ Activate the **Local Response Team and primary response contractors,** as the situation demands
- _____ Coordinate/perform **activation of additional spill response contractors,** as the situation demands (telephone reference is provided in Figure 2.5).
- _____ Perform notifications as per Figure 2.1, as appropriate.
- _____ Proceed to spill site and **coordinate response and clean-up operations.**
- _____ Direct containment, dispersion, and/or clean-up operations in accordance with the **"Product Specific Response Considerations"** provided in Figure 3.2.

LOCAL RESPONSE TEAM

- _____ Assigned personnel will immediately respond to a discharge from the Pipeline, as the situation demands.
- _____ Perform response/clean-up operations as directed or coordinated by the Incident Commander.
- _____ Assist as directed at the spill site.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST

Remember, Without Exception, Personnel Safety Is The First Priority. Excessive Exposure To The Vapor And Liquid Stages Of The Spilled Product Should Be Avoided.

INITIAL RESPONSE

- _____ Take appropriate personal protective measures
- _____ Call for medical assistance if an injury has occurred.
- _____ Notify Area Management of the incident.
- _____ Eliminate possible sources of ignition in the near vicinity of the spill.
- _____ Take necessary fire .
- _____ Advise personnel in the area of any potential threat and/or initiate evacuation procedures.
- _____ Identify/Isolate the source and minimize the loss of product.
- _____ Restrict access to the spill site and adjacent area as the situation demands. Take additional steps necessary to minimize any threat to health and safety.
- _____ Use testing and sampling equipment to determine potential safety hazards, as the situation demands.
- _____ Verify the type of product and quantity released.

All personnel are reminded that outsiders other than emergency services will not be allowed in the area during the time of an emergency, and that statements issued to the media or other interested parties should be given by designated Company Management. Be courteous with media representatives and direct them to the designated spokesman.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

LINE BREAK OR LEAK, SPECIFIC RESPONSE

- _____ Check for pressure corresponding to the scheduled flow rate. If in doubt, shut it down
- _____ If discrepancies occur, locate the area affected. If in doubt, shut it down
- _____ Verify the leak's presence with aerial patrol, landowners, or employees.
- _____ Shut down pumping equipment.
- _____ The Central Control Technician shall notify Area Management and the Director, Field Operations that operations are shut-down.
- _____ Send personnel to close upstream and downstream block valves, paying attention to the terrain and hydraulic location of the leak. Check valve positions on both sides of the leak to make certain they are closed.
- _____ Mitigate spreading of the product, as the situation demands. Potential containment strategies include:
  - Boom
  - Earthen dike/berm
  - Ditching
- _____ Spreading sorbent material over the spill.
- _____ Prevent the spill from entering the waterways, sewer, etc. to the greatest extent possible.
- _____ Determine the direction and expected duration of spill movement. Refer to the maps in Section 6.0.
- _____ If located within containment area, ensure that drainage valve(s) is "closed".
- _____ If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0 and the ACP. Determine which of these may be threatened by the spill and direct the response operation to these locations. Initiate protection and recovery actions.
- _____ Qualified personnel should utilize LEL meter, O_2 meter, proper colormetric indicator tubes, such as Drager, and/or other air sampling measurements to assure that areas are safe to enter for continued response operations. Refer to Vapor Cloud Specific Response, later in this Figure, if flammable vapors are detected.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

LINE BREAK OR LEAK, SPECIFIC RESPONSE (Cont'd)

- ☐ Drain the line section, as the situation demands.
- ☐ Inform local operators of utilities such as the power company, telephone company, railway.
- ☐ Clean up spilled product to eliminate any possible environmental problems. Be alert for underground cables.
- ☐ Make all necessary repairs.
- ☐ Return the line to service when repairs are complete, if or when approved.
- ☐ Complete follow-up and written reporting, as the situation demands.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

STORAGE TANK LEAK, SPECIFIC RESPONSE

- _____ Shut down all tank farm product movement operations and isolate the tank.
- _____ The Central Control Technician shall notify Area Management and the Director, Field Operations that operations are shut-down.
- _____ Ensure that the containment area drainage valve(s) is “closed”.
- _____ If possible, block drainage of spilled material from traveling offsite
- _____ Determine the direction and expected duration of spill movement. Refer to the maps in Section 6.0.
- _____ If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0 and the ACP. Determine which of these may be threatened by the spill and direct the response to these locations. Initiate protection and recovery actions.
- _____ Qualified personnel should utilize LEL meter, O_2 meter, proper colormetric indicator tubes, such as Drager, and/or other air sampling measurements to assure that areas are safe to enter for continued response operations. Refer to Vapor Cloud Specific Response, later in this Figure, if flammable vapors are detected.
- _____ Stop all traffic in hazardous area (inside and outside of property boundaries), as the situation demands.
- _____ Inform local operators of utilities such as the power company, telephone company, railway.
- _____ Remove product from containment area (at a sump or in a low area) with an explosion proof pump, oil skimmer, and/or vacuum truck w/ skimmer attachments.
- _____ If applicable, process remaining product through the separator system.
- _____ Clean up product spill to eliminate any possible environmental problems. Be alert for underground utilities, lines, etc.
- _____ Stockpile waste for eventual disposal.
- _____ Make all necessary repairs. Return the line/tank to service when repairs are complete and tested.
- _____ Complete follow-up and written reporting, as the situation demands.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE

INDIVIDUAL DISCOVERING THE FIRE - (All Employees)

- ☐ Call the Fire Department (911).
- ☐ Sound the Facility fire alarm, if present, and initiate emergency shutdown.
- ☐ Notify Area Management and/or the appropriate supervisor and alert all Facility areas of the exact location and extent of the fire.
- ☐ Shut off pumps.
- ☐ Coordinate with the Central Control Technician to close appropriate valves to isolate the fire, if necessary.
- ☐ Return to the scene of the fire and, if practical and safe, attempt to extinguish with the nearest fire equipment available.
- ☐ In the event the fire is too large for an individual to fight alone, the individual sounding the alarm or making the phone call should stand by at a safe distance to direct the Fire Department to the scene of the fire and keep personnel and vehicles from entering the danger area.
- ☐ Determine if power utilities need to be contacted to de-energize any power lines in the vicinity of the fire.

INDIVIDUAL DISCOVERING THE FIRE (in the absence of Supervision)

- ☐ In the event of fire in the absence of a member of supervision or the Pipeline Operator, any Company employee on duty is designated as the Incident Commander until relieved of this position by more senior management.
- ☐ The individual discovering the fire will adhere to the instructions issued for the normal operation.
- ☐ Ensure that the fire department has been notified.
- ☐ Alert all personnel areas of the exact location and extent of the fire.
- ☐ Ensure supervision is notified by telephone (refer to Figure 2.2).
- ☐ Prior to the arrival of a member of supervision, the individual will remain in charge and will direct the fire department to the scene of the fire.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE (Cont'd)

TANK FIRES

Fixed Roof - Cone Roof Tank Fires

- _____ Evacuate products.
- _____ Position two or more water nozzles on dikes to cool tanks.
- _____ Employ fire pump nozzles to cool adjacent tank and appurtenances.

External Floating Roof - Open Floating Roof Tank Fires - Roof Floating

- _____ Pump product into tank to raise the roof and prevent hot spots.
- _____ Cool sides of the tank and appurtenances with water from the nozzles on the dike.

External Floating Roof - Open Floating Roof Tank Fires - Roof on Legs

- _____ Cool tank with water.
- _____ Cool adjacent tanks and appurtenances with water.

Internal Floating Roof - Covered Floating Roof Tank Fires

EXTERNAL FIRE AT THE VENTS

- _____ Cool burning vents with water.
- _____ Extinguish burning points from the ground.
- _____ Cool adjacent tank and appurtenances with water.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE (Cont'd)

INTERNAL FIRE, CONE ROOF INTACT

- ■_____ Cool roof and sides with water.
- ■_____ Pump out all fuel, but do not land internal floating roof to create a vapor space underneath the roof.
- ■_____ Cool adjacent tanks and appurtenances with water.

INTERNAL FIRE, CONE ROOF DESTROYED

- ■_____ Pump out all fuel, but do not land internal floating roof to create a vapor space underneath the roof.
- ■_____ Cool tank with water.
- ■_____ Cool adjacent tanks and appurtenanceswith water.

Tank Rupture

- ■_____ Evacuate tanks which share the dike.
- ■_____ Assist the deployment of fire department equipment.

Explosions

- ■_____ Empty the tank.
- ■_____ Disconnect the electrical power leading to the tank.
- ■_____ Use Mobile Twin Agent System to extinguish any ground fires.
- ■_____ When the Fire Department arrives, spray the shell above the liquid level to cool the shell.
- ■_____ Cool adjacent tanks and pipes.
- ■_____ Extinguish the fire.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE (Cont'd)

Piping System Failure to a Burning Tank

- ■_____ Close all valves at the piping manifolds outside the fire wall.
- ■_____ Use earth-movers to contain the fire.

Ground Fires

- ■_____ Close off the fuel source.
- ■_____ Kill the fire with the extinguishers on hand.
- ■_____ Cool adjacent tanks and appurtenances.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

VAPOR CLOUD (from a massive spill, line rupture, etc.), SPECIFIC RESPONSE

- ■_____ The person who discovers the vapor cloud will sound the alarm and notify the supervisor on duty and vacate the area.
- ■_____ Use an LEL/O_2 meter to estimate the area affected by the flammable vapor.
- ■_____ Erect a windsock.
- ■_____ **Remember: The only proper action in the presence of a vapor cloud is to get away from it. Shut off electrical equipment if safe to do so, and if shutting off the equipment will not create a spark.**
- ■_____ All personnel will report to the evacuation muster point for roll call and further instructions. Muster points are identified in the evacuation plan, separately maintained.
- ■_____ After all personnel have been accounted for, the Area Manager, and/or the appropriate Supervisor will initiate the following actions as deemed necessary:

  1. Shut down transfer operations.
  2. Evacuation of adjacent property.
  3. Only the Fire Department will be permitted to enter the Facility.

- ■_____ Contact the appropriate agencies and potentially affected neighbors (refer to Figure 2.5).
- ■_____ In an automobile, approach upwind and keep out of the area of danger.
- ■_____ Immediately evacuate if LEL readings exceed 10%.
- ■_____ Remove all ignition sources.
- ■_____ Continue to monitor vapor spread.
- ■_____ Erect DANGER and NO SMOKING signs.
- ■_____ Request assistance from local authorities to establish roadblocks if flammable vapors extend over highway or traveled road.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

VAPOR CLOUD (from a massive spill, line rupture, etc.), SPECIFIC RESPONSE (Cont'd)

- ■_____ Continually monitor vapor intensity and spread.
- ■_____ Remember that H_2S and other hydrocarbons can numb the sense of smell, therefore never rely on smell.
- ■_____ Once the vapor cloud has been cleared, respond to the cause of the incident as outlined in the other specific response guides.

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FIGURE 3.1

(b) (7)(F)



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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

(b) (7)(F)



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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE

Although many disasters cannot be prevented or predicted, preparation can significantly reduce losses. In the event of a severe weather condition or a natural disaster, the Area Manager or assigned designee will be the Emergency Coordinator.

TORNADO

■_____ **Be Aware of Changing Weather Conditions**

1. Torndao watch-conditions are right for the formation of a tornado.
2. Tornado warning-a tornado has been sighted but is not in the area at this time.
3. Tornado alert-a tornado has been sighted in the immediate area- take cover immediately.

■_____ **If Severe Weather Conditions Threaten**

1. Announce over company radio or by cellular phone.
2. Alert all personnel of condition.
3. If time permits, all personnel should assemble at an inside room in a designated Facility for shelter.
4. If time does not permit, seek shelter in low level area away from glass.
5. Make certain that all personnel are aware of the condition.
6. The Central Control Technician will shutdown (5 minutes) safely, notifying Area Manager, if time permits.
7. If times does not permit, the last person to leave the operations room will hit the emergency shutdown (ESD) switch, thereby shutting off all electrical power.
8. Stay in shelter until **"all clear"** has been issued.

■_____ **Immediately After the Storm**

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1. Account for all personnel.
2. Survey for damages.
3. Initiate team for any repairs.
4. Refer to this Plan for additional response guidance regarding fires, spills, etc., as needed.

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NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE

HURRICANE

Anytime a hurricane is between Port Arthur and 80° West longitude and 20° North latitude, a hurricane preparedness meeting will be held to review necessary actions.

IMMEDIATE ACTIONS

1. Monitor weather reports at NOAA's website (www.noaa.gov).

100 Hours Before Hurricane Landfall

1. Track and verify hurricane path.
2. Identify possible pipeline shutdown.
3. Begin securing OSRO and pipeline contractors.
4. Begin shipper and media press releases.

> **NOTE:** Winds in excess of 100 MPH should have the following tank levels due to tank wind velocity design, if product can be obtained: External Floating roof / Open Floating Roof Tanks: 10 to 12 ft below top of the tank.

5. Fill tanks.
6. Find hotels for impacted employees.
7. Find hotels for response teams.
8. Procure generators.
9. Procedure RVs.
10. Procure fuel.
11. Procure box truck.
12. Place response team on standby.

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE(Cont'd)

HURRICANE (Cont'd)

■_____ **72 Hours Before Hurricane Landfall**

1. Track and verify hurricane path.
2. Communicate hotel and communication details to evacuating employees and their immediate family.
3. Secure non-essential station equipment.
    1. Protect records by placing in watertight containers.
    2. Close all station valves and isolate station.
    3. Turn off power to hydraulic pumps and isolate hydraulic supply, ensuring pressure in accumulators.
    4. Power down station by turning off 480 vac breakers, 24 vac breakers.
    5. Power down 4160 vac from the local power company.
    6. Move all movable equipment into warehouse (boats, air compressors etc.).
    7. Lock doors to all buildings including, sample house, storage buildings, warehouses, etc.
    8. Board and tape building windows.
    9. Fill company vehicles with gas and check oil levels..
    10. Check first aid kits.
    11. Close dike, and open roof drains.
    12. Empty sumps and oil/water separator and seal hatches.
    13. Store additional drinking water.
    14. Lock all station gates upon leaving.

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE(Cont'd)

HURRICANE (Cont'd)

■_____ **48 Hours Before Hurricane Landfall**

1. Track and verify hurricane path.
2. Shutdown pipeline and secure stations.
3. Verify inventory by location and shipper.
4. Receive necessary credentials and entry route.
5. Employee daily communication plan begins.
6. Buy supplies for response teams.
7. Notify teams of schedule.
8. Contact supplies for contact information following landfall.

■_____ **24 Hours Before Hurricane Landfall**

1. Track and verify hurricane path.
2. Assemble teams.
3. Load vehicles.
4. Establish conference call numbers and timing

■_____ **Hurricane Landfall**

1. Response team staged at Greenville.
2. Define safest entry route(s).

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE(Cont'd)

HURRICANE (Cont'd)

WARNING
BEWARE OF STORM HAZARDS
Downed Power lines, snakes, alligators, other disorientated animals, flooded roads.

WARNING
DO NOT drive into flooded road areas.

■_____ **All Clear**

1. Verify security
2. Deploy response teams.
3. Establish command center.
4. Establish and confirm communications.
5. Assess stations and pipeline integrity.
    1. If release or station damaged.
        - Make appropriate Notifications.
        - Deploy OSRO or contractor.
6. Stage response team as necessary.
7. Send unexpected supplies and equipment.
8. Contact utilities.
9. Contact suppliers for status update.
10. Make customer notifications.
11. Develop restart plan.
12. Contact employees.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE (Cont'd)

EARTHQUAKE

Before the Quake (Review Periodically)

- ■_____ Survey the pipeline right-of-way by helicopter and on foot if necessary to investigate potential soil liquefaction and land slide sites.
- ■_____ Secure or relocate loose objects in the control room or warehouse that may fall on personnel.
- ■_____ Maintain fully supplied first aide kit.
- ■_____ Train local personnel in location of EPL block valves and pipeline.

During the Quake

- ■_____ Stay indoors, duck under heavy object such as a desk or brace yourself in a doorway - avoid windows.
- ■_____ If driving, attempt to keep vehicle away from overhead objects/structures if possible, stop vehicle and drop to the seat or floor.
- ■_____ Avoid overhead power lines if possible.

After the Quake (actions dependent upon severity and damage assessment)

- ■_____ Shut-down pipeline, isolate stations to extent possible.
- ■_____ Disconnect electrical power source and shut off natural gas supplying station offices, if damaged.
- ■_____ Local employees dispatched to close block valves should be very cautious of power lines near block valves.
- ■_____ Check communication phones/radio. Local generator may be useful to connect to EPL's radio if tower remains standing.
- ■_____ Evacuate station facilities depending upon initial damage assessment.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado, Severe Storms, Hurricanes and Earthquakes), SPECIFIC RESPONSE (Cont'd)

EARTHQUAKE (Cont'd)

- _____ Area Manager to establish an initial central meeting place. The initial site utilized to be communicated to the Central Control Technician. Local employees should make contact with Central Control Technician for instructions and to give their status.
- _____ Fill available containers with drinking water as soon as possible.
- _____ Other Area's will respond to assist through the Response Team.
- _____ Affected local employees need to verify safety of their families and secure their homes before reporting to EPL facilities - unaffected employees should report to EPL for assignment as soon as possible.
- _____ EPL facilities must be thoroughly inspected before the pipeline is restarted - including station piping, tanks, and pipeline. Fly pipeline right-of-way in affected area and slowly repressure line after inspection indicates start-up is possible.
- _____ EPL will very likely be left to our own resources for the first few days after major earthquake. We will rely on "importing" response personnel and equipment as necessary to support emergency response and repair activities.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

MEDICAL EMERGENCY, SPECIFIC RESPONSE

- ■_____ Apply appropriate first aid for both injury and shock, exercising care not to cause further injury.
- ■_____ If victim is unconscious and not breathing, immediately apply artificial respiration (if trained in CPR) and continue without interruption until natural breathing is restored or relieved by another trained CPR personnel or other qualified medical personnel. AEDs are available at each area office and Tulsa Company Headquarters for use by trained personnel.
- ■_____ Call for ambulance or other medical evacuation resources, if appropriate.
- ■_____ Notify hospital of patient arrival and extent of injury.
- ■_____ Complete follow-up and written reporting, as the situation demands.

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

(b) (7)(F)

[redacted]

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FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

PUBLIC RELATIONS/MEDIA, SPECIFIC RESPONSE

Guidelines

- The Area Supervisor or employee acting in his/her place will limit comments to confirmation of the emergency and statements helpful to the protection of persons and property.
- For any further statement, the Area Supervisor or employee acting in his/her place will ask the media to contact the President and CEO or the Director of Operations. (Refer to Figure 2.2 for contact information.)
- The President and CEO, Director of Operations, General Counsel or other designee will notify the news media consultants. (Refer to Figure 2.5 for contact information.)

Statements to the Media by Authorized Headquarters Personnel

- Confirm the nature of the emergency.
- Do not speculate.
  - Disclose only facts.
  - Do not speculate on damages.
  - Do not discuss cause.
- Verify injuries.
  - Do not report the names of the injured until the families receive notification.
  - Do not report the nature of the injuries.
- Report steps taken to handle the emergency.
- Coordinate factual information with the fire and police departments, as well as any other agencies, or individuals involved.
- Issue a follow up release, if deemed necessary.

Tank Farm Media Communications Sites

Locations 1 and 2 refer to sites chosen in the event of a Minor or Medium Level Emergency and a Major Emergency, respectively.

Port Arthur

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1. Market Basket – across the road from the Port Arthur Tank Farm; or
2. Holiday Inn – located on Hwy. 69 ¼ mile south of Hwy. 365. Approximately 4 miles from the tank farm.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

PUBLIC RELATIONS/MEDIA, SPECIFIC RESPONSE (Cont'd)

Glenpool

1. Feeder road off of Hwy. 75 and 120; or
2. Back entrance of the Glenpool Tank Farm on 131st street where contractors park vehicles.

Greenville

1. West side of Greenville Tank Farm property at the pipe rack; or
2. Intersection of Hwy. 66 and 36 – church parking lot on the north side – Caddo Mills (2 miles from the tank farm).

Grapevine

1. Back entrance of Explorer Southlake Tank Farm on Continental Blvd; or
2. Grapevine school parking lot on the east side of Hwy. 26 – across highway from Grapevine Station.

Wood River

1. Hartford Park – corner of S. Delmar Avenue and W. Seventh Street (Hartford, Illinois); or
2. Dads Club Park (South Roxana, IL) corner of Roxana Street and Daniel Boone Street.

Hammond

1. On the west end of the Explorer Pipeline property outside of the fenced area in the open area ½ mile west of the tank farm entrance; or
2. Courtyard by Marriot southwest corner of Kennedy Avenue and I-80/I-94 7730 Corinne Drive Hammond, IN 46323.

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FIGURE 3.2

FLAMMABLE LIQUIDS
(Non-Polar/Water-Immiscible)

The following information is intended to provide the initial responder(s) with data that may be useful in making quick decisions and executing prompt response actions. The information is intended for guideline purposes only.

PRODUCTS **Gasoline** **Distillates**

HAZARD IDENTIFICATION / RECOGNITION

GUIDE NO. 128

DANGERS

- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a "P" may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.
- Substance may be transported hot.

HEALTH

- Move victim to fresh air. Call 911 or emergency medical service.
- Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Wash skin with soap and water.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved, and take precautions.

PUBLIC SAFETY

- Isolate spill or leak area immediately for at least 50 meters (160 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 300 meters (1,000 feet).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

Information provided by the Emergency Response Guidebook 2004.

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3.2 DOCUMENTATION OF INITIAL

It is difficult, particularly during the first few minutes of an initial response operation to think about the importance of documentation. A log should be maintained which documents the history of the events and communications that occur during the response. When recording this information, it is important to remember that the log may become instrumental in legal proceedings, therefore:

- Record only facts, do not speculate.
- Do not criticize the efforts and/or methods of other people/operations.
- Do not speculate on the cause of the spill.
- Do not skip lines between entries or make erasures. If an error is made, draw a line through it, add the correct entry above or below it, and initial the change.
- Record the recommendations, instructions, and actions taken by government/regulatory officials.
- Document conversations (telephone or in person) with government/regulatory officials.
- Request that government/regulatory officials document and sign their recommendations or orders (especially if company personnel do not agree with the suggestions, instructions, or actions).

3.3 OIL CONTAINMENT, RECOVERY AND DISPOSAL

After initial response has been taken to stop further spillage and notifications made to the required agencies, the Company will begin spill containment, recovery, and disposal operations.

The Incident Commander will assess the size and hazards of the spill. The type of product, the location of the spill, and the predicted movement of the spill will be considered.

Based on this assessment, additional clean-up personnel and equipment will be dispatched to the site and deployed to control and contain the spill. Boom may be deployed in waterways to contain the spill and to protect socio-economic and environmentally sensitive areas. Booms may also be used in waterways to deflect or guide the spill to locations where it can more effectively be cleaned up using skimmers, vacuum trucks, or sorbent material. Clean-up equipment and material will be used in the manner most effective for rapid and complete clean-up of all spilled product.

Response and clean-up will continue until all recoverable product is removed, and the unified command of the Company Incident Commander and the Federal and/or State On-Scene Coordinators determine that further response and cleanup is no longer necessary.

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3.4 STORAGE/DISPOSAL

Strict rules designed to ensure safe and secure handling of waste materials govern the Company waste disposal activities. To ensure proper disposal of recovered oil and associated debris, the following guidelines should be considered:

- In the event of a product spill, Facilities have limited capacity to store recovered product and water. Separated product is pumped to frac tanks or to trucks to be carried to the Facility for processing.
- Oily debris will be segregated on site and containerized for temporary storage prior to disposal in accordance with RCRA/CERCLA regulations.
- Waste associated with the spill will be disposed of at Company pre-approved sites which have the necessary permits to accept the type of waste to be discharged.

The Company's designated HS&E Specialist will coordinate activities and secure the necessary permits to ensure proper disposal or recycling of recovered product and debris.

3.5 SAMPLING AND WASTE ANALYSIS PROCEDURE

The Company's sampling and waste analysis practices are governed by the regulations for the applicable state and the United States Environmental Protection Agency (EPA). These regulations outline methods and procedures for determining the chemical and physical characteristics of wastes generated by the Facility, including waste associated with spills, so that they may be properly stored, treated, or disposed.

3.6 SAFETY AWARENESS

It is the corporate policy of the Company to provide a safe workplace for all workers. All employees and contractors are responsible for maintaining the safety and health of all workers on the pipeline and the response operations.

Prior to engaging in **any** spill response activity:

- All contractor response personnel must be in compliance with OSHA training requirements.
- All other personnel will have completed appropriate training for their position as outlined in Section 4.0.
- No employee/contractor shall engage in activities which place them at risk without the appropriate protective equipment and training.

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3.6 SAFETY AWARENESS (Cont'd)

3.6.1 General Response Safety

All company and contractor personnel are expected to comply with the Site Safety Plan for each spill incident.

- Any concern regarding health or safety issues should be immediately addressed.
- The First Responder must consider the spill site as dangerous and the local atmosphere explosive until air monitoring procedures prove that the area is safe.
- The First Responder must exit the area against or across the wind if possible and must also evacuate others who are working in the area.
- All injuries, no matter how minor, must be reported to the Area Management in a timely manner.

3.6.2 Air Monitoring

A Safety Monitor shall be designated who is trained in the operation of air monitoring equipment. The Incident Commander must ensure that Safety Monitors are trained and that their equipment is maintained and ready for use.

- The air monitoring equipment shall be activated and checked at the location in which it is stored.
- Calibration of instruments should be performed before use.
- Air monitoring measurements which are to be made prior to entry into the spill area include:
  - Oxygen content
  - Lower Explosive Limit (LEL)
  - Benzene level
- LEL readings above 10% require immediate evacuation of the area and elimination of ignition sources.
- Oxygen readings below 19.5% require the use of air supplied respiratory protection.

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3.6 SAFETY AWARENESS (Cont'd)

3.6.2 Air Monitoring (Cont'd)

- After assuring that there are no hazards relating to explosion or oxygen depletion, sampling for benzene or total petroleum hydrocarbons shall dictate the appropriate respiratory devices to be used by persons entering the area as follows:

- The Incident Commander is responsible for industrial hygiene monitoring in the post discovery period.

3.6.3 Decontamination

Through training programs, Facility personnel know and understand the importance of the removal of hazardous substances from their person if they are contaminated. Eyewash stations and safety showers provide a means to quickly remove gross contamination of harmful agents, including gasoline. Personnel must immediately shower and remove any clothing which is wet or otherwise contaminated. Persons should inspect themselves thoroughly before donning a fresh change of clothing.

Contaminated clothing should be disposed of properly. Contaminated personal protective equipment must be washed and sanitized before re-using. The washing of contaminated equipment is performed in a “contained area” to assure that the disposal of the wash water can be handled properly.

Establishing "Exclusion - Hot", "Decontamination - Decon", and "Support - Safe" zones are required to prevent the removal of contaminants from the contaminated area as well as unauthorized entry into contaminated areas.

- Regardless of the decontamination facilities available, all efforts to minimize personnel exposure should be taken.

- Decontamination facilities should be positioned prior to employee/ contractor entrance to areas where the potential for exposure to contamination exists. The appropriate Material Safety Data Sheets (MSDS) are available to aid health professionals treating the injured parties. MSDS are separately maintained at the Facility.

- Decontamination facilities should be designed to prevent further contamination of the environment and should have a temporary storage area for items that will be reused in the contaminated area.

- Particular attention should be paid to personal hygiene prior to eating, drinking, or smoking.

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3.6 SAFETY AWARENESS (Cont'd)

3.6.4 Personal Protective Equipment (PPE)

The following represents OSHA/EPA designated PPE levels for responding to emergencies, post emergency cleanup sites, and/or Temporary Storage and Disposal (TSD) sites. The responder's PPE should be chosen based on his/her level of training and assigned job duties.

Personal Protective Equipment (PPE)	
LEVEL A ■ Self Contained Breathing Apparatus (SCBA) (worn inside suit) ■ Encapsulated Chemical Protective Suit ■ Chemical Protective Gloves ■ Chemical Protective Boots ■ Hard Hat	**LEVEL B** ■ SCBA (worn outside suit) ■ Chemical Protective Suit w/Hood ■ Chemical Protective Boots ■ Chemical Protective Gloves ■ Hard Hat
LEVEL C ■ Air Purifying Respirator (APR) ■ APR ½ Face / Full Face ■ Hard Hat ■ Glasses (worn with ½ face APR) ■ Chemical Protective Boots ■ Chemical Protective Gloves ■ Chemical Protective Suit/Tyvek	**LEVEL D** ■ Hard Hat ■ Safety Glasses ■ Work Uniform / Clothes ■ Leather Gloves ■ Safety Boots ■ Nomex (if required by the Company)

3.7 SHIFT-TURONVER PROCEDURE

PURPOSE

Shift turn-overs shall provide on-coming shift personnel with an accurate picture of the emergency response. Complete and accurate turn-overs contribute to clear understanding of:

- Current emergency response conditions
- Number of people on-site & primary responsibilities
- Equipment on-site
- Objectives for the next 12 hours
- Procedures,logs,and other data as required
- Regulatory agency personnel present

RESPONSIBILITIES

Personnel shall NOT assume operational duties unless they are physically and mentally fit to do so.

On-coming personnel should report a minimum of 30 minutes before shift change to ensure adequate review time with off going personnel.

PROCEDURE

The incident commander is responsible for turnover review which shall consist of the following at a minimum.

- Current emergency response conditions
    - Number of people on-site & primary responsibilities
        - Explorer Personnel
            - Onsite
            - Tulsa
        - Contractor Personnel
            - Foremen and supervisors
        - Inspectors
    - Equipment on-site and Staging Areas
        - Vacuum trucks
        - Frac Tanks
        - PLIDCO
        - Other needed or potentially need equipment
    - Federal State and Local regulatory personnel
    - Security parameters
    - Communications equipment data and voice

DISCUSS AND EXCHANGE RESPONSIBILITIES BETWEEN SHIFT

The off-going shift is responsible for ensuring that shift personnel are fully cognizant of current operating conditions and what has been done and what remains to be done.

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SHIFT CREWING BRIEFING

The oncoming shift supervisor shall conduct a crew briefing after accepting responsiblity for the shift. Briefing shall include:

- Review of the incident
- Status equipment
- Contractor assignments

RELIEFS OCCURING DURING SHIFT

Ensure that the oncoming person is knowledgeable of the conditions as if a complete shift change process had been conducted. The incident commander must be informed of the change in personnel.

EXCHANGE OF RESPONSIBILITIES

The on-coming incident commander shall signify that he/she is cognizant of incident conditions and is prepared to assume responsibility.

PREPARATIONS FOR SHIFT CHANGE

One hour before shift end the incident commander shall meet and receive an up-to-date briefing on the current status of the response,equipment issues, needs and requirements, current personnel, Explorer & Contractor, inspectors, plans in place for recovery.

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4.8 Glossary

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4.1 INTRODUCTION

This section describes organizational features and duties of the Local Response Team and the broader Explorer Pipeline Emergency Response Team.

The key to an effective emergency response is a rapid, coordinated, tiered response by the affected facility, and the Local Response Team, consistent with the magnitude of an incident.

First response to an incident at the Facility is provided by the Local Response Team. The Explorer Pipeline Emergency Response Team responds, to the degree necessary, to incidents exceeding local capability. If a response exceeds the Local Response Team's capabilities, the Local Incident Commander activates the Explorer Pipeline Emergency Response Team.

These teams use the NIMS Incident Command System (ICS) to manage the emergency response activities. Because ICS is a management tool that is readily adaptable to incidents of varying magnitudes, it is typically used for all emergency incidents. Staffing levels are adjusted to meet specific response team needs based on incident size, severity and type of emergency.

An explanation of ICS and the roles and responsibilities for primary members of the team are provided in Section 4.7. The USCG Incident Management Handbook (IMH) contains an in-depth description of all ICS positions, ICS development, response objectives and strategies, command responsibilities, ICS specific glossary/acronyms, resource typing, the Incident Action Plan (IAP) process and meetings. The IMH can be located at:

http://www.uscg.mil/hg/nsfweb/download/IMH/IMH-2001.pdf

4.2 QUALIFIED INDIVIDUAL

It is the responsibility of the Qualified Individual (QI) or his/her designee to coordinate with the Federal On-Scene Coordinator (FOSC) and the State On-Scene Coordinator (SOSC) throughout the response, if applicable.

Vital duties of the QI include:

- Activate internal alarms and hazard communication systems to notify all Facility Personnel.
- Notify all response personnel, as needed.
- Identify the character, exact source, amount, and extent of the release, as well as the other items needed for notification.
- Notify and provide necessary information to the appropriate Federal, State and Local authorities with designated response roles, including the National Response Center (NRC), State Emergency Response Commission (SERC), and local response agencies.
- Assess the interaction of the spilled substance with water and/or other substances stored at the Facility and notify response personnel at the scene of that assessment.

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4.2 QUALIFIED INDIVIDUAL (Cont'd)

- Assess the possible hazards to human health and the environment due to the release. This assessment must consider both the direct and indirect effects of the release (i.e., the effects of any toxic, irritating, or asphyxiating gasses that may be generated or the effects of any hazardous surface water runoffs from water or chemical agents used to control fire and heat-induced explosion).

- Assess and implement prompt removal actions to contain and remove the substance released.

- Coordinate rescue and response actions as previously arranged with all response personnel.

- Activate and engage in contracting with oil spill removal organizations.

- Use authority to immediately access company funding to initiate cleanup activities.

- Direct cleanup activities until properly relieved of this responsibility.

- Arrangements are made to ensure that the QI or the Alternate Qualified Individual (AQI) is available on a 24-hour basis and is able to arrive at the Facility in a reasonable time.

- The AQI shall replace the QI in the event of his/her absence and have the same responsibilities and authority.

4.3 LOCAL RESPONSE TEAM (LRT)

The first Explorer Pipeline person on scene functions as the Incident Commander until relieved by an authorized supervisor who then assumes the position of Incident Commander (IC). Transfer of command takes place as more senior management respond to the incident. For response operations within the control of the LRT, the role of IC is typically assumed and retained by Area Management.

The number of positions/personnel required to staff the LRT depends on the size and complexity of the incident. The duties of each position may be performed by the IC directly or delegated as the situation demands. The IC is always responsible for directing the response activities and assumes the duties of all the primary positions until the duties can be delegated to other qualified personnel.

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4.3 LOCAL RESPONSE TEAM (LRT) (Cont'd)

The LRT, once fully staffed, is designated to cover all aspects of a comprehensive and prolonged incident response. The number of positions/personnel required to staff the LRT depends on the size and complexity of the incident. During a prolonged response, additional personnel may be cascaded in, and more than one level within the Team may be involved to sustain 24-hour operations.

Specially trained personnel from various facility/corporate locations, and various contract resources are utilized in the event of a sizeable or complex incident. The additional personnel provide support on an as-needed basis as determined by the IC. They either provide short term advisory assistance or long term support depending upon the type and duration of the incident. The additional personnel may be asked to fill roles/positions under the NIMS Incident Management System or provide other support functions as the situation demands.

The LRT is basically organized according to the NIMS Incident Command System principles led by the IC. The team is composed of the following principal components:

- Command
- Planning
- Finance
- Operations
- Logistics

Figure 1 shows the structure of the LRT. The LRT should try to fill the necessary positions and request additional support from other Explorer Pipeline personnel to fill/back up all the positions as the incident may dictate. Detailed job descriptions of the primary response team positions are provided in Section 4.7.

4.4 INCIDENT COMMAND SYSTEM (ICS)

The ICS is intended to be used as an emergency management tool to aid in mitigating all types of emergency incidents. This system is readily adaptable to very small emergency incidents as well as more significant or complex emergencies. The ICS utilizes the following criteria as key operational factors.

- Assigns overall authority to one individual.
- Provides structured authority, roles and responsibilities during emergencies.
- The system is simple and familiar and is used routinely at a variety of incidents.
- Communications are structured.
- There is a structured system for response and assignment of resources.
- The system provides for expansion, escalation and transfer/transition of roles and

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responsibilities.

- The system allows for “Unified Command” where agency involvement at the command level is required.

Effective establishment and utilization of the ICS during response to all types of emergencies can:

- Provide for increased safety.

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4.4 INCIDENT COMMAND SYSTEM (Cont'd)

- Shorten emergency mitigation time by providing more effective and organized mitigation.
- Cause increased confidence and support from local, state and federal public sector emergency response personnel.
- Provide a solid cornerstone for emergency planning efforts.

Section 4.7 provides a comprehensive list of every response team member's duty assignment.

4.5 UNIFIED COMMAND

As a component of an ICS, the Unified Command (UC) is a structure that brings together the Incident Commanders of all major organizations involved in the incident to coordinate an effective response while still meeting their own responsibilities. The UC links the organizations responding to the incident and provides a forum for the Responsible Party and responding agencies to make consensus decisions. Under the UC, the various jurisdictions and/or agencies and responders may blend together throughout the organization to create an integrated response team. The ICS process requires the UC to set clear objectives to guide the on-scene response resources.

Multiple jurisdictions may be involved in a response effort utilizing the UC. These jurisdictions could be represented by any combination of:

- Geographic boundaries.
- Government levels.
- Functional responsibilities.
- Statutory responsibilities.

The participants of the UC for a specific incident are determined by taking into account the specifics of the incident and existing response plans and/or decisions reached during the initial meeting of the UC. The UC may change as an incident progresses in order to account for changes in the situation.

The UC is responsible for overall management of an incident. The UC directs incident activities and approves and releases resources. The UC structure is a vehicle for coordination, cooperation and communication which is essential to an effective response.

UC representatives must be able to:

- Agree on common incident objectives and priorities.
- Have the capability to sustain a 24-hour-7-day-per-week commitment to the incident.

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- Have the authority to commit agency or company resources to the incident.

4.5 UNIFIED COMMAND (Cont'd)

- Have the authority to spend agency or company funds.
- Agree on an incident response organization.
- Agree on the appropriate Command and General Staff assignments.
- Commit to speak with "one voice" through the Public Information Officer or Joint Information Center.
- Agree on logistical support procedures.
- Agree on cost-sharing procedures.

4.6 DISCHARGE CLASSIFICATION

The severity of a discharge has a bearing on the level of management involvement necessary and the extent of resource mobilization. The following definitions provide guidance in the early classification of discharges.

TIER I EVENT	
Incident Command is normally assumed by the Area Manager and Tulsa support is utilized on an as needed basis.	
Exposure	The potential public and environmental exposure is moderate. The type and quantity of material released, while considering the overall nature of the incident (e.g. fire, proximity to private dwellings, etc.), has moderate impact on the public and/or the environment.
Degree of Control	The incident can be controlled in a short period of time through implementation of the local resources available to the Facility (including contract resources).
Governmental Involvement	Government involvement will be moderate and generally restricted to State and Local levels.
Media Involvement	Media interest will be moderate and generally restricted to State and Local levels.

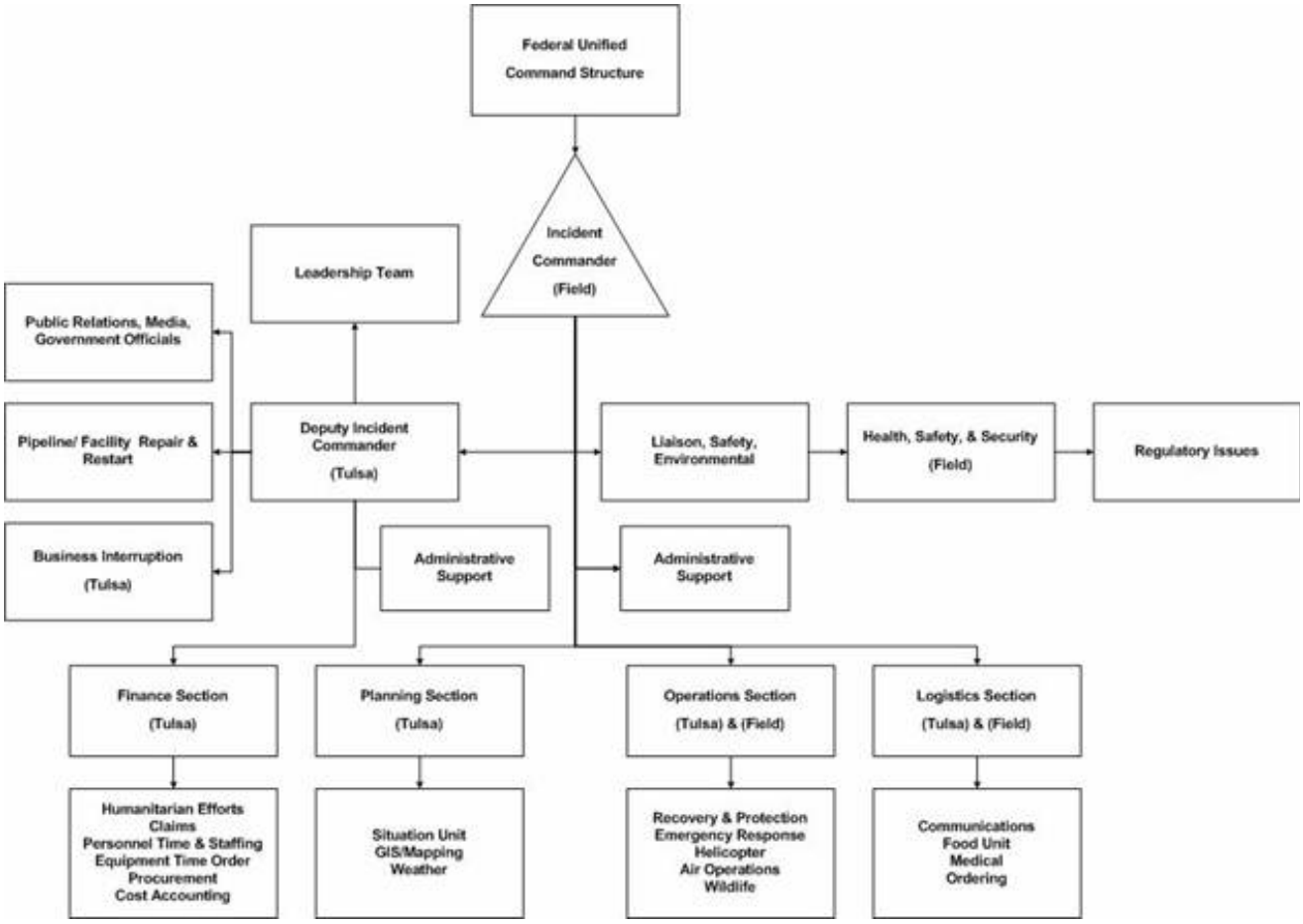
4.6 DISCHARGE CLASSIFICATION (Cont'd)

TIER II EVENT	
Local Explorer Pipeline resources may have to be supplemented with Tulsa support and external resources to manage the spill incident.	
Exposure	The potential public and environmental exposure is moderately high. The type and quantity of material released, while considering the overall nature of the incident (e.g. fire, proximity to private dwellings, etc. has moderately high impact on the public and/or the environment.
Degree of Control	The incident can be brought under control in a moderate period of time through implementation of Local resources available to the Facility (including contract resources) with possible implementation of Regional resources.
Governmental Involvement	Government involvement is moderately high and generally restricted to Regional levels.
Media Involvement	Media interest is moderately high and generally restricted to Regional levels.

TIER III EVENT	
Maximum Explorer Pipeline and external resources must be implemented to respond to the spill incident.	
Exposure	The potential public and environmental exposure is significant. The type and quantity of material released, while considering the overall nature of the incident (e.g. fire, proximity to private dwellings, etc.), has significant impact on the public and/or the environment.
Degree of Control	Maximum Explorer Pipeline and third party resources must be implemented in order to gain control of the incident.
Governmental Involvement	Government involvement is high.
Media Involvement	Media interest is high.

FIGURE 4.1

LOCAL RESPONSE TEAM [1]



1 NOTE: Local Response Team personnel can assume any of these positions as deemed necessary by the Incident Commander.

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4.7 ICS ROLES AND RESPONSIBILITIES

4.7.1 Common Responsibilities

The following is a checklist applicable to all personnel in an ICS organization:

- Receive assignment, including:
  - Job assignment.
  - Resource order number and request number.
  - Reporting location.
  - Travel instructions
  - Special communications instructions.
- Upon arrival, check-in at designated check-in location.
- Receive briefing from immediate supervisor.
- Acquire work materials.
- Supervisors maintain accountability for assigned personnel.
- Organize and brief subordinates.
- Know assigned radio frequency(s) and ensure communications equipment is operating properly.
- Use clear text and ICS terminology (no codes) in all communications.
- Complete forms and reports required of the assigned position and send to Documentation Section.
- Maintain section records, including Section Log (ICS Form 214).
- Response to demobilization orders and brief subordinates regarding demobilization.

4.7.2 Section Leader Responsibilities

In ICS, a Section Leader's responsibilities are common to all sections in all parts of the organization. Common responsibilities of Section Leaders include:

- Review common responsibilities.
- Receive briefing from IC, Deputy Incident Commander, or Branch Director as appropriate.
- Participate in incident planning meetings as required.
- Determine current status of section activities.
- Order additional section staff as appropriate.
- Determine resource needs.
- Confirm dispatch and estimated time of arrival of staff and supplies.
- Assign specific duties to staff and supervise staff.
- Develop and implement accountability, safety and security measures for personnel and resources.
- Supervise demobilization of section, including storage of supplies.
- Provide Finance with a list of supplies to be replenished.
- Maintain Section records including Section Log (ICS Form 214).

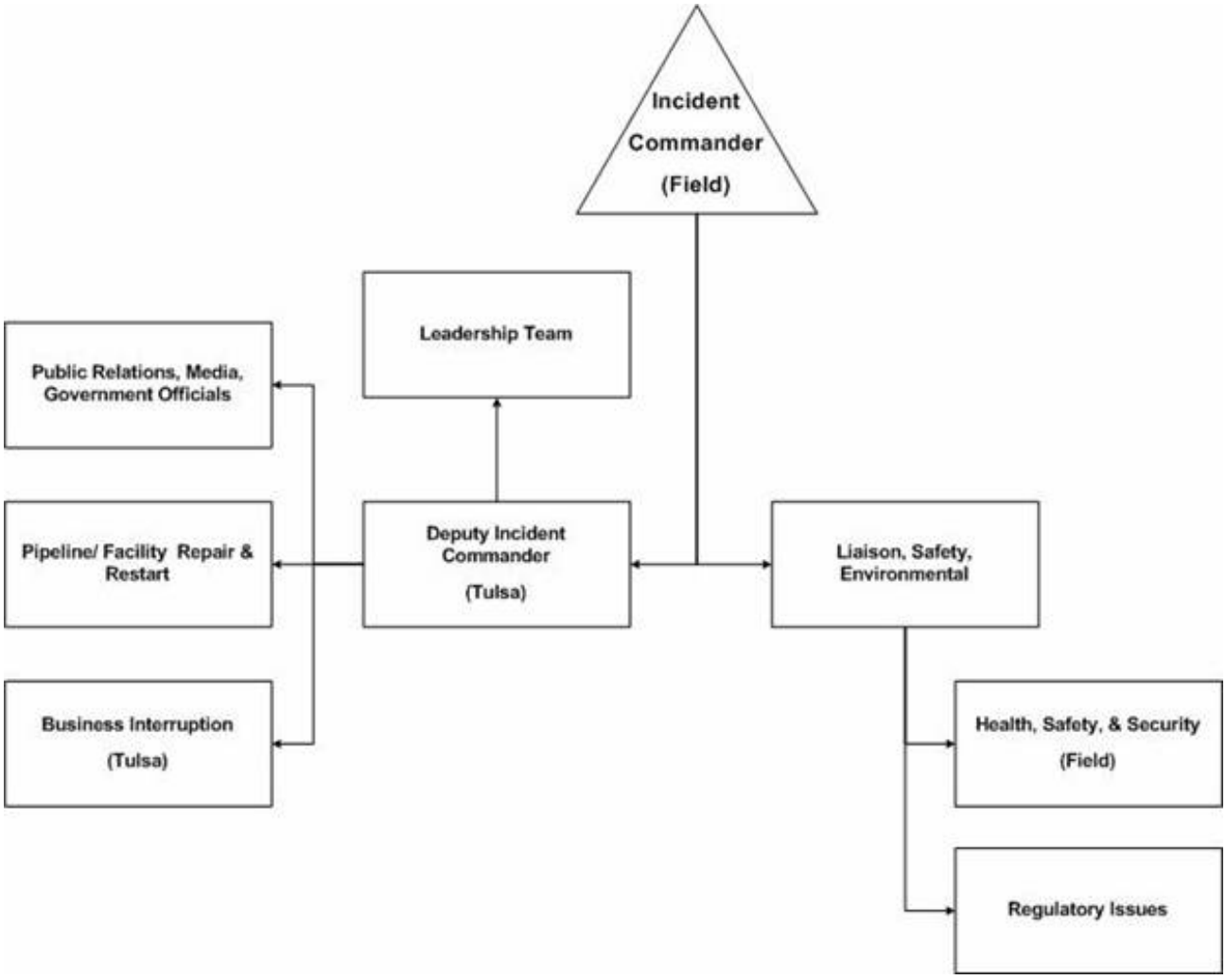
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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.3 Command

FIGURE 4.2

COMMAND



4.7.3.1 Incident Commander

- Field oriented IC versus a Tulsa based IC.
- Assess the situation and/or obtains a briefing from the prior IC.
- Work with Deputy IC to determine incident objectives and strategy.

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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.3 Command (Cont'd)

4.7.3.1 Incident Commander (Cont'd)

- Establish the immediate priorities.
- Establish an ICP.
- Brief Command Staff and Section Chiefs.
- Review meetings and briefings.
- Establish an appropriate organization.
- Ensure planning meetings are scheduled as required.
- Approve and authorize the implementation of an IAP.
- Ensure that adequate safety measures are in place.
- Coordinate activity for all Command and General Staff.
- Coordinate with key people and officials.
- Approve requests for additional resources or for the release of resources.
- Keep agency administrator informed of incident status.
- Approve the use of trainees, volunteers and auxiliary personnel.
- Authorize release of information to the news media.
- Ensure incident Status Summary (ICS Form 209-OS) is completed and forwarded to appropriate higher authority.
- Order the demobilization of the incident when appropriate.
- Assign any of the IC roles and responsibilities to a Deputy IC as needed.

4.7.3.2 Deputy Incident Commander

- Tulsa based operations support.
- Supports the Incident Commander and provides the necessary resources.
- Keeps Leadership Team, Public Relation, Media, Governmental Official representative, and Pipeline/Facility Repair and Restart representative and Business Interruption representative informed.

4.7.3.3 Public Relations, Media, Government Officials

- Determine from the IC if there are any limits on information release.
- Develop material for use in media briefings.
- Obtain IC approval of media releases.
- Inform media and conduct media briefings.
- Arrange for tours and other interviews or briefings that may be required.
- Obtain media information that may be useful to incident planning.

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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.3 Command (Cont'd)

4.7.3.3 Public Relations, Media, Government Officials (Cont'd)

- Maintain current information summaries and/or displays on the incident and provide information on the status of the incident to assigned personnel.
- Participate in planning meetings if requested.
- Advise on legal issues relating to in-situ burning, use of dispersants and other alternative response technologies.
- Advise on legal issues relating to differences between Natural Resource Damage Assessment Restoration (NRDAR) and response activities.
- Advise on legal issues relating to investigations.
- Advise on legal issues relating to finance and claims.
- Advise on legal issues relating to response.

4.7.3.4 Pipeline/Facility Repair and Restart

- Locate equipment for any necessary repairs to pipeline or facility.
- Confirm documentation for equipment exists such as hydrostatic test records, MTRs, etc.
- Locate qualified personnel or contractors necessary for repair.

4.7.3.5 Business Interruption

- Contact any external agencies or trade associations regarding any interruptions.
- Coordinate with Deputy IC over communications to Leadership Team/Board of Directors.

4.7.3.6 Liaison, Safety and Environmental

- Be a contact point for Agency Representatives.
- Identify sensitive and obtain GIS/mapping data to recommend response priorities.
- Monitor the environmental consequences of cleanup actions.
- Direct Health, Safety and Security representatives and their activities for response and cleanup actions.
- Maintain a list of assisting and cooperating agencies and Agency Representatives.
- Assist in establishing and coordinating interagency contacts.
- Keep agencies supporting the incident aware of incident status.
- Monitor incident operations to identify current or potential inter-organizational problems.

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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.3 Command (Cont'd)

4.7.3.6 Liaison, Safety and Environmental (Cont'd)

- Participate in planning meetings, providing current resource status, including limitations and capability of assisting agency resources.
- Coordinate response resource needs for NRDAR activities with the OPS during oil and HAZMAT responses.
- Coordinate response resource needs for incident investigation activities with the OPS.
- Direct Health, Safety and Security representatives and their activities for response and cleanup actions.
- Ensure that all required agency forms, reports and documents are completed prior to demobilization.
- Coordinate activities of visiting dignitaries.
- Participate in planning meetings.
- Identify hazardous situations associated with the incident.
- Review the IAP for safety implications.
- Exercise emergency authority to stop and prevent unsafe acts.
- Investigate accidents that have occurred within the incident area.
- Review and approve the medical plan.
- Coordinate plans with natural resource trustee agencies.
- Develop the Site Safety Plan and publish Site Safety Plan Summary (ICS Form 208) as required.

4.7.3.7 Health, Safety and Environmental

- Monitor check-in sheets daily to ensure that all Agency Representatives are identified.
- Carry out the directives of the Liaison, Safety and Environmental for response or recovery efforts.
- Support all safety and environmental programs with responders.
- Keep Liaison, Safety and Environmental informed to response, monitor cleanup and support disposal plans.
- Help coordinate sampling activities or transport environmental resources to location(s) for sampling or inspections.
- Work with Liaison, Safety and Environmental and IC to confirm ICS structure is in place.

4.7.3.8 Regulatory Issues

- Support Liaison, Safety and Environmental and Health, Safety and Security activities.

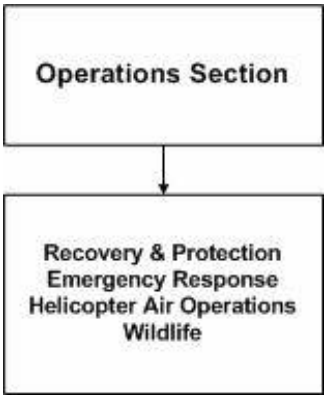
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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.4 Operations

FIGURE 4.3

OPERATIONS SECTION



4.7.4.1 Operations Section General Functions

- Responsible for managing tactical operations at the incident site directed toward reducing the immediate hazard, saving lives and property, establishing situational control and restoring normal operations.
- Directs and coordinates all incident tactical operations.
- Executes the IAP.

4.7.4.2 Operations Section Chief

- Develop operations portion of IAP.
- Brief and assign Operations Section personnel in accordance with the IAP.
- Supervise Operations Section.
- Determine need and request additional resources.
- Review suggested list of resources to be released and initiate recommendation for release of resources.
- Assemble and disassemble strike teams assigned to the Operations Section.
- Report information about special activities, events and occurrences to the IC.
- Respond to resource requests in support of NRDAR activities.

4.7.4.3 Recovery and Protection

- Brief Operations Section on response efforts.
- Prepare and provide clean-up and recover efforts.
- Prepare and provide assistance with booms dikes, and underflow dams locations.

4.7.4.4 Emergency Response

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- Provide and oversee initial implementation of response measures.
- Brief operations on initial response measures, such as closure of valves, earthen dikes, etc.

4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.4 Operations (Cont'd)

4.7.4.5 Helicopter Air Operations

- Determine what aircraft/helicopters are available for use.
- Coordinate aerial inspections with Operations.

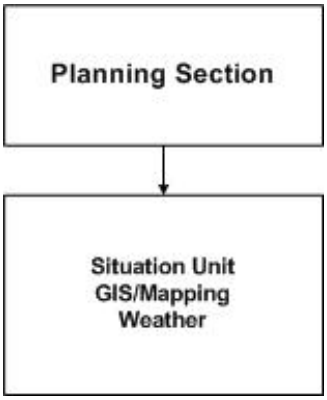
4.7.4.6 Wildlife

- Minimize wildlife losses during response.
- Assist the appropriate wildlife trustee in organizing and coordinating rescue.
- Identify and maintain evidence tagging, transportation, veterinary services, treatment and rehab.

4.7.5 Planning

FIGURE 4.4

PLANNING SECTION



4.7.5.1 Planning Section General Functions

- Responsible for gathering, evaluating and disseminating tactical information and intelligence critical to the incident.
- Maintaining incident documentation and providing documentation services.
- Preparing and documenting IAPs.
- Conducting long-rang and/or contingency planning.
- Developing alternative strategies.
- Tracking resources assigned to the incident.
- Developing plans for waste disposal.
- Developing plans for demobilization.

4.7.5.2 Planning Section Chief

- Collect and process situation information about the incident.

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- Supervise preparation of the IAP.

4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.5 Planning (Cont'd)

4.7.5.2 Planning Section Chief (Cont'd)

- Provide input to the IC and the OPS in preparing the IAP.
- Chair planning meetings and participate in other meetings as required.
- Reassign out-of-service personnel already on-site to ICS organizational positions as appropriate.
- Establish information requirements and reporting schedules for Planning Section Units (e.g., Resources, Situation Units).
- Determine the need for any specialized resources in support of the incident.
- If requested, assemble and disassemble Strike Teams and Task Forces not assigned to Operations.
- Establish special information collection activities as necessary (e.g., weather, environmental, toxics, etc.).
- Assemble information on alternative strategies.
- Provide periodic predictions on incident potential.
- Report any significant changes in incident status.
- Compile and assist situation unit display incident status information.
- Oversee preparation and implementation of the Incident Demobilization Plan.
- Incorporate plans (e.g., Traffic, Medical, Communications, and Site Safety) into IAP.

4.7.5.3 Situation Unit

- Prepare and maintain situation data.
- Post or display situation data.
- Provide status reports to appropriate requesters within IC.

4.7.5.4 GIS/Mapping

- Gather and compile GIS data and maps to reflect projected paths or other incident mapping as necessary.
- Monitor USAs/HCAs for potential impacts and reflect locations on maps.
- Communicate any downstream impact areas to Liaison, Safety and Environmental, and Operations.

4.7.5.5 Weather

- Gather all pertinent weather information from all appropriate sources.
- Provide briefing on weather observations and forecasts to proper personnel.

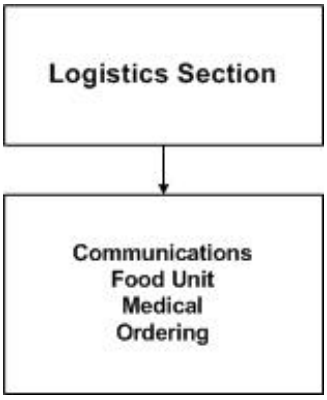
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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.6 Logistics

FIGURE 4.5

LOGISTICS SECTION



4.7.6.1 Logistics Section General Functions

- Responsible for all support requirements needed to facilitate effective and efficient incident management including ordering resources from off-incident locations.
- Ordering, obtaining, maintaining and accounting for essential personnel, equipment and supplies.
- Providing communication planning and resources.
- Setting up food services.
- Setting up and maintaining incident facilities.
- Providing support transportation.
- Providing medical services to incident personnel.

4.7.6.2 Logistics Section Chief

- Plan the organization of the Logistics Section.
- Assign work locations and preliminary work tasks to Section personnel.
- Notify the Resources Unit of the Logistics Section units activated including names and locations of assigned personnel.
- Assemble and brief Branch Directors and Section Leaders.
- Participate in preparation of the IAP.
- Identify service and support requirements for planned and expected operations.
- Provide input to and review the Communications Plan, Medical Plan and Traffic Plan.
- Coordinate and process requests for additional resources.
- Review the IAP and estimate Section needs for the next operational period.

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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.6 Logistics (Cont'd)

4.7.6.2 Logistics Section Chief (Cont'd)

- Advise on current service and support capabilities.
- Prepare service and support capabilities.
- Prepare service and support elements of the IAP.
- Estimate future service and support requirements.
- Receive Incident Demobilization Plan from Planning Section.
- Recommend release of Section resources in conformity with Incident Demobilization Plan.
- Ensure the general welfare and safety of Logistics Section personnel.

4.7.6.3 Communications

- Responsible for developing and maintaining plans for effective use of incident communications.
- Coordinate mobile communications trailer.

4.7.6.4 Food Unit

- Responsible for determining feeding requirements at all incident locations.
- Determine number of people and responders to feed.

4.7.6.5 Medical

- Coordinate emergency medical services necessary for response.

4.7.6.6 Ordering

- Coordinate ordering and purchasing of equipment with Finance Section.
- Assist the appropriate wildlife trustee in organizing and coordinating rescue.

4.7.7 Finance

FIGURE 4.6

FINANCE SECTION

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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.7 Finance (Cont'd)

4.7.7.1 Finance Section General Functions

- Responsible for all financial and cost analysis aspects of an incident. 2
- Administering any contract negotiation.
- Providing cost analysis as it pertains to the Incident Action Plan.
- Maintaining cost associated with the incident.
- Tracking personnel and equipment time.
- Addressing compensation for injury or damage to property issues.

4.7.7.2 Finance Section Chief

- Attend planning meetings as required.
- Manage all financial aspects of an incident.
- Determine if VISA increases of cash will be required for response.
- Provide financial and cost analysis information as requested.
- Gather pertinent information from briefings with responsible agencies.
- Develop an operating plan for the Finance Section; fill supply and support needs.
- Meet with assisting and cooperating agency representatives as needed.
- Maintain daily contact with agency(s) administrative headquarters on Finance matters.
- Ensure that all personnel time records are accurately completed and transmitted according to policy.
- Provide financial input to demobilization planning.
- Ensure that all obligation documents initiated at the incident are properly prepared and completed.
- Brief administrative personnel on all incident-related financial issues needing attention or follow-up prior to leaving incident.

4.7.7.3 Humanitarian Efforts

- Coordinate with Food Unit of any humanitarian efforts for persons impacted by incident.

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2 NOTE: Not all incidents require a separate Finance Section. In cases that require only one specific function (e.g., Cost Accounting), this service may be provided by a member of the Planning Section.

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4.7 ICS ROLES AND RESPONSIBILITIES (Cont'd)

4.7.7 Finance (Cont'd)

4.7.7.3 Humanitarian Efforts (Cont'd)

- Coordinate lodging efforts for responders and any residents impacted.
- Establish communications with Claims for any residents.

4.7.7.4 Claims

- Responsible for management of all injury compensation and claim matters.
- Coordinate with Public Relations, Media and Governmental Official and Liaison, Safety and Environmental for handling claims.

4.7.7.5 Personnel, Time and Staffing

- Responsible for personnel resources.
- Keep Finance Section informed of resource limitations.

4.7.7.6 Equipment Time Order/Procurement

- Administer any contractual or purchasing issues for equipment needs.

4.7.7.7 Cost Accounting

- Prepare AFE.
- Obtain and maintain cost data.

4.7.7 Finance (Cont'd)

4.8 GLOSSARY

GLOSSARY	
AQI	Alternate Qualified Individual
FOSC	Federal On-Scene Coordinator
IAP	Incident Action Plan
IC	Incident Commander
ICS	Incident Command System
IMH	Incident Management Handbook
LRT	Local Response Team
NIMS	National Incident Management System
NRC	National Response Center
NRDAR	National Resource Damage Assessment Restoration
QI	Qualified Individual
SERC	State Emergency Response Commission
SOSC	State On-Scene Coordinator
UC	Unified Command

USCG	United States Coast Guard

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5.2 Incident Action Plan

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Figure 5.4 ICS Form 203-OS

Figure 5.5 ICS Form 204-OS

Figure 5.6 ICS Form 205-OS

Figure 5.7 ICS Form 206-OS

Figure 5.8 ICS Form 207-OS

Figure 5.9 ICS Form 209-OS

Figure 5.10 ICS Form 214

Figure 5.11 ICS Form 218

Figure 5.12 ICS Form 220

Figure 5.13 ICS Form 232-OS

Figure 5.14 Site Safety Plan

5.1 EMERGENCY RESPONSE COMMUNICATIONS PLAN

PURPOSE

Emergency Communications are critical to the overall success of mitigating any emergency incident.

As such, Explorer personnel must be able to manage the tactical and operational information required to perform their duties. In addition, protect information quality, enhance efficiency, and ensure safety of Explorer personnel during the emergency.

SCOPE

This procedure applies to all employees who may be called upon as emergency responders to an Explorer emergency operating condition.

GENERAL BACKGROUND INFORMATION

Emergency Operating Conditions at Explorer Pipeline Company are identified in the Central Control Room Emergency Operating Procedures and in the Field Emergency Operating Procedures and include a variety of conditions concerning safety and integrity of the pipeline. In response to the oil spill in Alaska in 1989, the Pipeline Industry in general refers to Corporate emergency response plans as Oil Spill Response Plan. The regulation provides direction on the types of Information that Pipeline Operators should have in preparation for an emergency spill event.

A unique parameter for Pipeline Operators is the physical length of the pipeline. A Pipeline crosses multiple states, counties, reions, fire & police departments, requiring extraordinary effort by the operators to keep all parties informed and educated about liquid petroleum pipelines. The Hazardous Awareness program provides training and education to individuals who are affected by the pipeline from emergency response personnel and excavators to individual home owners.

In an effort to better coordinate with Federal and State agencies that might participate in an incident Explorer Pipeline is adopting the National Incident Management System (NIMS) of emergency response and will be utilizing forms for incident management.

Incident Commander - Unplanned Incident

Follow all First Responder actions per Emergency Response Action Plan.

- Notify CCT
- Call local 911
- Secure Scene

Establish Incident Command

Fill-out form ICS-201

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INCIDENT COMMANDER

Using information from the 201 brief all responding personnel with the following information:

- Current situation
  - Time & Date
  - Mile post and any additional information on location (field,HCA,creek)
  - Exposures
  - Safety Concerns
  - Map of incident area
  - Personnel present and assigned duties
  - Personnel on their way
  - Current and planned actions
  - Current on-scene assignments
  - Resources needed
  - Facilities (commander area)
  - Incident potential
  - Current weather conditions
  - Identify next briefing time

NOTE: Briefing times of an actual product release incident may need to take place hourly untill all primary personnel are in place and product is contained.

Establish set briefing times twice daily once ICS full complement of personnel is present.

NOTE: A briefing set for morning approximately 2 hours after daylight allows for shift change and establishment of accomplishments and challenges from previous shift. Afternoon briefing should typically be held approximately 3 pm, so IF additional resources are needed before "Close of Business" they can be acquired more easily.

Each briefing

- Emphasis safety
- Emphasis security;site,documents,communications,pictures
- Emphasis importance of chain of command reporting at each briefing
- Reemphasis daily sign-up sheet requirements
- State daily objectives
- Check coordination efforts with contractors

Functional position Leaders/Commanders

Each Functional Position Leader shall coordinate with personnel reporting to the Leader to fill out a 201 one hour before each scheduled ICS briefing:

FUNCTIONAL POSITION LEADER

Brief team members on incident and shift objectives

Gather data to support implementation of objectives

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Review resource requirements; current; needed

Review daily site and area specific safety & security requirements with employees/contractors

Check coordination and key activities of employees/contractors

Check communication devices; charged, numbers, etc of team members

Identify location of yourself as functional leader for shift

Plan next steps and objectives

Answer questions

Briefing Incident Commander 30 minutes before scheduled briefing for Tulsa and Field personnel on 201 planning and data.

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5.2 INCIDENT ACTION PLAN

Emergency response activities are planned and coordinated through the use of an Incident Action Plan (IAP), which is developed for each Operational Period of a response by the Incident Management Team. For small responses, an ICS 201 (Incident Briefing Form provided in Figure 5.1), may be used as the IAP and, for all incidents, the ICS 201 will serve as the initial IAP.

For larger or more complex incidents a more complete IAP will be necessary. These IAP's are generally created through the completion and compilation of several standard ICS forms. These forms include, but are not limited to:

ICS FORM NUMBER	FORM TITLE	PREPARED BY*	PLAN LOCATION
201-OS	Incident Briefing	**Command Section -** Initial Response IC	Figure 5.1
IAP Cover Sheet	ICS IAP Cover Sheet	**Planning Section -** Situation Unit Leader	Figure 5.2
202-OS	Incident Objectives	**Planning Section -** Planning Section Chief	Figure 5.3
203-OS	Organization Assignment List	**Planning Section -** Resources Unit Leader	Figure 5.4
204-OS	Assignment List	**Operations Section -** Chief & Resources Unit Leader	Figure 5.5
205-OS	Incident Radio Communication Plan	**Logistics Section -** Communication Unit Leader	Figure 5.6
206-OS	Medical Plan	**Logistics Section -** Medical Unit Leader	Figure 5.7

5.2 INCIDENT ACTION PLAN (Cont'd)

ICS FORM NUMBER	FORM TITLE	PREPARED BY*	PLAN LOCATION
207-OS	Incident Organization	**Planning Section -** Resources Unit Leader	Figure 5.8
209-OS	Incident Status Summary	**Command Section -** Incident Commander	Figure 5.9
214	Unit Log	**Planning Section -** Situation Unit Leader	Figure 5.10
218	Support Vehicle Inventory	**Logistics Section -** Ground Support Unit Leader	Figure 5.11
220	Air Operations Summary	**Operations Section -** Air Operations Branch Director	Figure 5.12
232-OS	Resources at Risk Summary	**Planning Section -** Situation Unit Leader	Figure 5.13
-----	Site Safety Plan	**Command Section -** Safety Officer	Figure 5.14

* The Planning Section Chief may assign preparation of forms to other personnel on the Incident Management Team if identified position is unassigned or vacant when the IAP is produced.

Depending on the nature and severity of the emergency, additional documents may be included in the IAP. These may include:

- Sensitivity Maps (Provided in Section 6)
- Waste Management & Disposal Plans (Provided in Appendix E)
- Plans for use of Alternative Technologies (Dispersant/In-situ Burning/Bioremediation)
- Security Plans
- Decontamination Plans
- Traffic Plans

5.3 SITE SAFETY PLAN

Site Safety Plans (SSPs) are required by OSHA (29 CFR 1910.120(b)(4)) for all hazardous waste operations. The SSP should address all on-site operations and hazardous as well as on-site emergency procedures. A template for use in producing an SSP is provided as Figure 5.14.

The SSP is typically prepared by the Safety Officer and approved by the Incident Commander. All personnel must be familiar with the contents of the SSP and the SSP must be updated as conditions, operations and hazards associated with the response change.

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FIGURE 5.1

INCIDENT BRIEFING

1. Incident Name	2. Prepared by: (name) Date Time:	INCIDENT BRIEFING ICS 201-OS (pg 1 of 4)
3. Map/Sketch (include maps drawn here or attached, showing the total area of operations, the incident site/area, overflight results, trajectories, Impacted shorelines, or other graphics depicting situational and response status)		
INCIDENT BRIEFING	June 2000	ICS 201-OS (pg 1 of 4)

FIGURE 5.1

INCIDENT BRIEFING (Cont'd)

1. Incident Name	2. Prepared by: (name) Date Time:	INCIDENT BRIEFING ICS 201-OS (pg 2 of 4)

4. Initial Incident Objectives

5. Summary of Current Actions

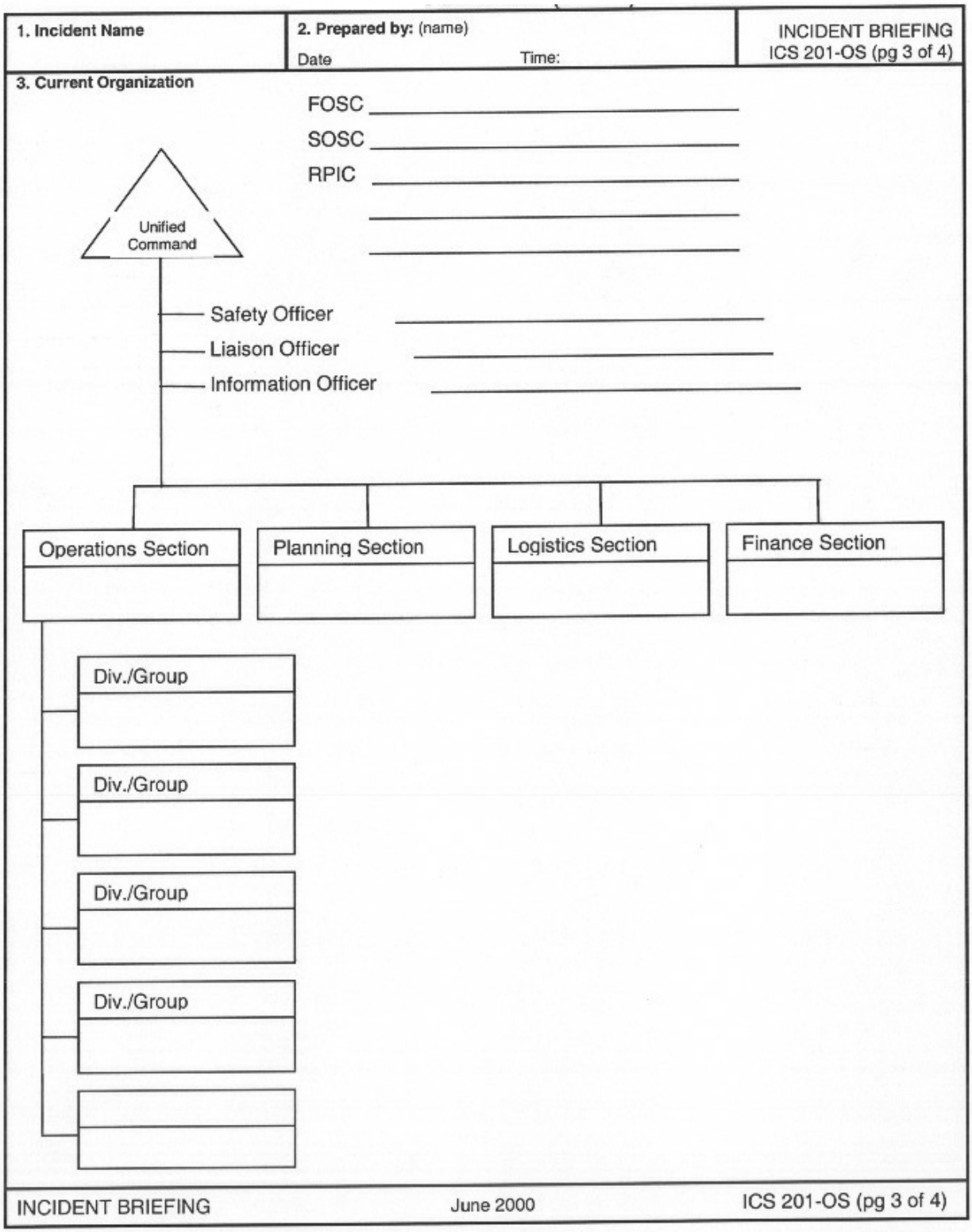
Time	Action/Note

INCIDENT BRIEFING June 2000 ICS 201-OS (pg 2 of 4)

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FIGURE 5.1

INCIDENT BRIEFING (Cont'd)



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FIGURE 5.1

INCIDENT BRIEFING (Cont'd)

1. Incident Name	2. Prepared by: (name) Date Time:	INCIDENT BRIEFING ICS 201-OS (pg 4 of 4)

7. Resources Summary

Resources Needed	Time Ordered	Resources Identifier	ETA	On-Scene? (X)	NOTES: (Location/Assignment/Status)

FIGURE 5.2

ICS IAP COVER

1. Incident Name	2. Operational Period to be covered by IAP (Date/Time) From: To:	IAP COVER SHEET

3. Approved by:

FOSC _____

SOSC _____

RPIC _____

_____ _____

_____

INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

☐ ICS 202-OS (Response Objectives)

☐ ICS 203-OS (Organization List) – OR – ICS 207-OS (Organization Chart)

☐ ICS 204-OSs (Assignment Lists)
One Copy each of any ICS 204-OS attachments:

- ☐ Map
- ☐ Weather forecast
- ☐ Tides
- ☐ Shoreline Cleanup Assessment Team Report for location
- ☐ Previous day's progress, problems for location

☐ ICS 205-OS (Communications List)

☐ ICS 206-OS (Medical Plan)

☐ _____

☐ _____

☐ _____

☐

☐ _____

☐

4. Prepared by: Date/Time

IAP COVER SHEET June 2000

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FIGURE 5.3

INCIDENT OBJECTIVES

1. Incident Name	2. Operational Period (Date/Time) From: To:	INCIDENT OBJECTIVES ICS 202-OS

3. Overall Incident Objective(s)

4. Objectives for specified Operational Period

5. Safety Message for Specified Operational Period

Approved Site Safety Plan Located at:

6. Weather See Attached Weather Sheet

7. Tides/Currents See Attached Tide/Current Data

8. Time of Sunrise **Time of Sunset**

9. Attachments (mark "X" if attached)

☐ Organization List (ICS 203-OS)	☐ Medical Plan (ICS 206-OS)	☐ Resource at Risk Summary (ICS 232-OS)
☐ Assignment List (ICS 204-OS)	☐ Incident Map(s)	☐ _____
☐ Communications List (ICS 205-OS)	☐ Traffic Plan	☐ _____

10. Prepared by: (Planning Section Chief) **Date/Time**

INCIDENT OBJECTIVES June 2000 ICS 202-OS

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FIGURE 5.4

ORGANIZATION ASSIGNMENT LIST

1. Incident Name	2. Operational Period (Date/Time) From: To:	ORGANIZATION ASSIGNMENT LIST ICS 203-OS

3. Incident Commander and Staff

	Primary	Deputy
Federal:		
State:		
RP(s):		
Safety Officer:		
Information Officer:		
Liaison Officer:		

4. Agency Representatives

Agency	Name

5. PLANNING SECTION

Chief	
Deputy	
Resources Unit	
Situation Unit	
Environmental Unit	
Documentation Unit	
Demobilization Unit	
Technical Specialists	

6. LOGISTICS SECTION

Chief	
Deputy	
a. Support Branch	
Director	
Supply Unit	
Facilities Unit	
Transportation Unit	
Vessel Support Unit	
Ground Support Unit	
b. Service Branch	
Director	
Communications Unit	
Medical Unit	
Food Unit	

7. OPERATION SECTION

Chief		
Deputy		
a. Branch I – Division Groups		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division Group		
Division Group		
Division Group		
b. Branch II – Division/Groups		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
c. Branch III – Division/Groups		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
d. Air Operations Branch		
Air Operations Br. Dir		
Air Tactical Supervisor		
Air Support Supervisor		
Helicopter Coordinator		
Fixed Wing Coordinator		

8. FINANCE/ADMINISTRATION SECTION

Chief	
Deputy	
Time Unit	
Procurement Unit	
Compensation/Claims Unit	
Cost Unit	

9. Prepared By: (Resources Unit) **Date/Time**

ORGANIZATION ASSIGNMENT LIST June 2000 ICS 203-OS

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FIGURE 5.5

ASSIGNMENT LIST

1. Incident Name	2. Operational Period (Date/Time) From: To:	Assignment List ICS 204-OS
3. Branch	4. Division/Group	

5. Operations Personnel Name Affiliation Contact # (s)

Operations Section Chief: _____

Branch Director: _____

Division/Group Supervisor: _____

6. Resources Assigned This Period "X" indicates 204a attachment with special instructions

Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# of Persons	Notes/Remarks	
					☐
					☐
					☐
					☐
					☐
					☐
					☐

7. Assignments

8. Special Instructions for Division/Group

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

Name/Function	Radio: Freq./System/Channel	Phone	Pager

Emergency Communications

Medical _____ Evacuation _____ Other _____

10. Prepared By (Resource Unit Leader	Date/Time	11. Approved By (Planning Section Chief)	Date/Time

ASSIGNMENT LIST June 2000 ICS 204-OS

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FIGURE 5.5

ASSIGNMENT LIST (Cont'd)

1. Incident Name	2. Operational Period (Date/Time) From: To:	ASSIGNMENT LIST ATTACHMENT ICS 204a-OS
3. Branch	4. Division/Group	
5. Strike Team/Task Force/Resource Identifier	6. Leader	7. Assignment Location

8. Work Assignment Special Instructions (if any) [Ops]

9. Special Equipment/Supplies Needed for Assignment (if any) [Ops]

10. Special Environmental Considerations (if any) [P.S.C.]

11. Special Site-Specific Safety Considerations (if any) [S.O.]

Approved Site Safety Plan Located at:

12. Other Attachments (as needed)
☐ Map ☐ Shoreline Cleanup Assessment Team Report ☐ _____
☐ Weather Forecast ☐ Tides ☐ _____

13. Prepared by: (Resources Unit Leader)

ASSIGNMENT LIST ATTACHMENT June 2000 ICS 204a-OS

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FIGURE 5.6

INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name	2. Operational Period (Date / Time) From: To:	INCIDENT RADIO COMMUNICATIONS PLAN ICS 205-OS

3. BASIC RADIO CHANNEL USE

SYSTEM / CACHE	CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMAKRS

4. Prepared by: (Communications Unit) Date / Time

INCIDENT RADIO COMMUNICATIONS PLAN June 2000 ICS 205-OS

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FIGURE 5.7

MEDICAL PLAN

1. Incident Name	2. Operational Period (Date / Time) From: To:	MEDICAL PLAN ICS 206-OS

3. Medical Aid Stations

Name	Location	Contact #	Paramedics On site (Y/N)

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Pad?
			Air	Ground		

6. Special Medical Emergency Procedures

7. Prepared by: (Medical Unit Leader) Date/Time	8. Reviewed by: (Safety Officer) Date/Time

MEDICAL PLAN June 2000 ICS 206-OS

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FIGURE 5.8

INCIDENT ORGANIZATION

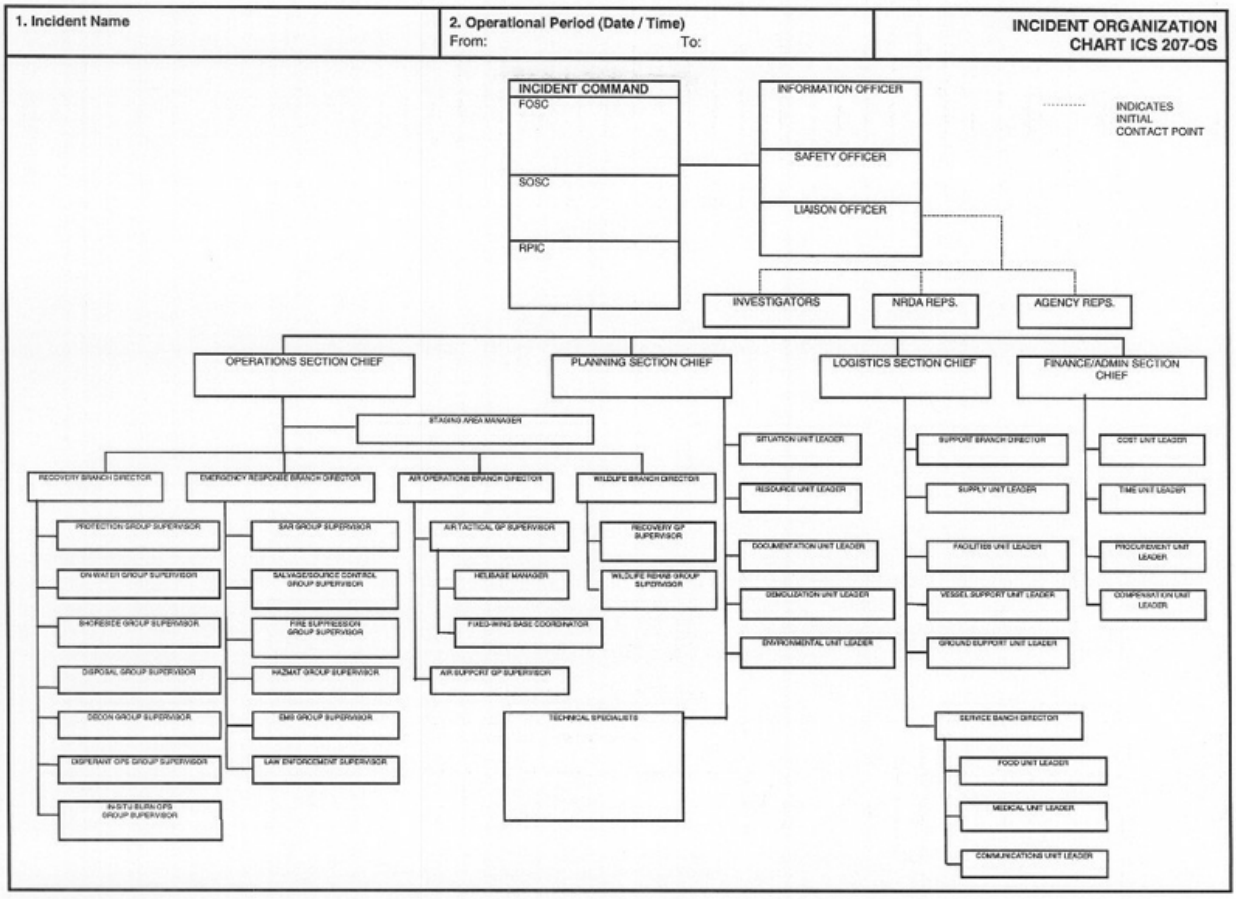


FIGURE 5.9

INCIDENT STATUS SUMMARY

INCIDENT STATUS SUMMARY

1. Incident Name | 2. Date Prepared | 3. Time Prepared

5. Spill Status (Estimated, BBLs)
Source Status: _____
Remaining Potential: _____
Rate of spillage: _____

	LAST 24 HOURS	TOTAL
Volume Spilled		

Mass Balance/Oil Budget

Recovered Liquids		
Evaporation		
Dispersion		
Burned		
Floating, Contained		
Floating, Uncontained		
Onshore		

Total spilled product accounted for

6. Waste Management (Estimated)

TYPE	RECOVERED	STORED	DISPOSED OF
Oil (bbl)			
Oily Liquids (bbl)			
Liquids (bbl)			
Oily Solids (tons)			
Solids (tons)			

7. Shoreline Impacts

Degree of Oiling	Miles Affected	Miles Cleaned	Miles Remaining to be Cleaned
Light			
Medium			
Heavy			
Total			

8. Wildlife Impacts

TYPE	Captured	Cleaned	Released	DOA	Died in Facility: Enthanized	Died in Facility: Other Cause
Birds						
Mammals						
Reptiles						
Fish						
Other						
Total						

9. Safety Status

TYPE	LAST 24 HOURS	TOTAL
Responder Injury		
Public Injury		
Other		

4. Operational Period (Date/Time)

10. Onshore Equipment Resources

TYPE	Number Assigned at Incident	Number Available	Number Out-of-Service
Heavy Equipment			
Pressure Washers			
Vacuum Trucks			
Bioremediation Units			
Containment Boom (ft.)			
Sorbent/Snare Boom (ft.)			
Stationary Skimmers			
Vessels			

11. Offshore Equipment Resources

TYPE	Number Assigned at Incident	Number Available	Number Out-of-Service
Oil Spill Resp. Vessels			
Fishing Vessels			
Other Vessels			
Landing Craft			
Barges			
Tugs			
Helicopters			
Fixed Wing			
Stationary Skimmers			
Containment Boom (ft.)			
Sorbents (ft.)			
Others			

12. Personnel Resources

Organization 1	Number of People	Organization	Number of People
Federal			
State			
RP			
Others			

Total Response Personnel from All Organizations

13. Comments

ICS-OS-209 | 14. Prepared By: (Resources Unit)

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FIGURE 5.10

UNIT LOG

UNIT LOG	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators	5. Unit Leader (Name and Position)	6. Operational Period (Date/Time)	

7. Personnel Roster Assigned

NAME	ICS POSITION	HOME BASE

8. ACTIVITY LOG (CONTINUE ON REVERSE)

TIME	MAJOR EVENTS

ICS 214 8/96	9. Prepared By:

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UNIT LOG(Cont'd)

UNIT LOG (CONTINUED)	1. Incident Name	2. Date Prepared	3. Time Prepared

TIME	MAJOR EVENTS

FIGURE 5.11

SUPPORT VEHICLE INVENTORY

SUPPORT VEHICLE INVENTORY ICS 218	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED

VEHICLE INFORMATION

a. TYPE	b. MAKE	c. CAPACITY/SIZE	d. AGENCY/OWNER	e. I.D. NO.	f. LOCATION	g. RELEASE TIME

FIGURE 5.12

AIR OPERATIONS SUMMARY

AIR OPERATIONS SUMMARY	1. Incident Name	2. Operational Period (Date/Time)	3. Distribution Helibases _____ Fixed-Wing Bases

4. PERSONNEL AND COMMUNICATIONS

	NAME	AIR/AIR FREQUENCY	AIR/GROUND FREQUENCY
Air Operations Director			
Air Tactical Supervisor			
Air Support Supervisor			
Helicopter Coordinator			
Fixed-Wing Coordinator			

5. REMARKS (Spec. Instructions, Safety Notes, Hazards, Priorities)

6. Location / Function	7. Assignment	8. Fixed Wing		9. Helicopter		10. Time		11. Aircraft Assigned	12. Operating Base
		Number	Type	Number	Type	Available	Commence		

ICS 220 8/96	13. Air Operation Support Equipment	14. Prepared by: (Include Date & Time)

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FIGURE 5.13

RESOURCES AT RISK SUMMARY

1. Incident Name	2. Operational Period (Date/Time) From: To:	RESOURCES AT RISK SUMMARY ICS 232-OS

3. Environmentally-Sensitive Areas and Wildlife Issues

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

Narrative

4. Archaeo-cultural and Socio-economic Issues

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

Narrative

5. Prepared by: (Environmental Unit Leader) **Date/Time**

RESOURCES AT RISK SUMMARY June 2000 ICS 232-OS

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FIGURE 5.14

SITE SAFETY PLAN

SITE SAFETY PLAN

I. General

☐ Tank Farm Spill ☐ Pipeline Spill ☐ Spill to Water ☐ Excavation ☐ Other: ____ ☐ AFE# ____

Facility: _____
Location: _____
Work to be performed: _____

Issuing Date: _____ Time: _____
Temperature: _____° Wind Direction: _____
Humidity: _____

II. Hazards to be Evaluated

Y	N		Y	N				SPECIFIC HAZARDS
☐	☐	Oxygen Deficient/Enriched	☐	☐	Ingestion/Skin Absorption	☐	☐	Gasoline
☐	☐	Flammable Atmosphere (Explosion Fire)	☐	☐	Frostbite (LPG Spills)	☐	☐	JP5-JP8
☐	☐	Toxic Atmosphere: ____	☐	☐	Chemical/MSDS # ___ (Must be attached)	☐	☐	LPG
☐	☐	Boat Operations	☐	☐	Physical Hazard ___	☐	☐	Kerosene/Jet A
☐	☐	Confined Space	☐	☐	Traffic _____	☐	☐	Aromatics
			☐	☐	Vapor Cloud	☐	☐	Diesel Fuel
						☐	☐	Heating Oil
						☐	☐	Other* _____ (See comments)

III. Testing & Monitoring (Check required items)

Tests are to be performed in the order listed.

Y	N		Continuous		Frequency
☐	☐	Oxygen Level	☐ Y	☐ N	____ every ____
☐	☐	LEL	☐ Y	☐ N	____ every ____
☐	☐	Hydrogen Sulfide	☐ Y	☐ N	____ every ____
☐	☐	Benzene	☐ Y	☐ N	____ every ____
☐	☐	Total Hydrocarbons	☐ Y	☐ N	____ every ____
	☐	Other: _____	☐ Y	☐ N	____ every ____

ACCEPTABLE ENTRY CONDITIONS

No Respiratory Protection Needed	Special Work Practices or PPE Required (½ - Full Mask)	Buckeye Employees Leave Area Work Efforts Should Be Directed At Reducing Concentrations
19.5 - 23.0% in air	<19.5% or 23.0% in air	<16.0 or >23.5% in air
<10% in air	>10.0 but <20.0% in air	>20.0% in air
<10 ppm	>10 but <100 ppm	>100 ppm
<.5 ppm	>.5 but <10 ppm	>10 ppm
<300 ppm	≥300 but <750 ppm	≥750 ppm

As allowed by applicable standard(s) Acceptable for 5325 feet of elevation and below.
Hot work is not permitted when LEL is greater than 10% in air.

IV. Required Personal Protection Equipment (Check for required use)
NOTE: PPLC EMPLOYEES DO NOT USE SCBA's AIRLINE RESPIRATORS

General	Eye Prot.	Respiratory Prot.	Hearing Prot.	Gloves	Footwear	Clothing
☐ Hard Hat	☐ Safety Glasses	☐ SCBA/Air Line w/Escape	☐ Ear Plugs	☐ Leather	☐ Steel-toes	☐ FR Coveralls
☐ Safety Harness	☐ Goggles	☐ Air Purifying (½ Mask)	☐ Ear Muffs	☐ Nitrile	☐ Rubber	☐ Tyvek
☐ PFD	☐ Face-shield	☐ Air Purifying (Full Mask)	☐ Combination	☐ PVC	☐ Hip-boots	☐ Coated Tyvek
	☐ Tinted Lens	Cartridge Type: ☐ OV	☐ Hepa-OVV	☐ _____	☐ _____	☐ Saranyx
						☐ _____

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Any other special PPE: _____

SITE SAFETY PLAN (Cont'd)

V. Emergency Information and Rescue Service

Emergency Contact Person: _____		Contact by:	_____
Fire Department:		Contact by:	
Ambulance:	_____	Contact by:	_____
Hospital:		Contact by:	
Rescue Services: _____		Contact by:	_____
(if not provided by above)			

VI. Required Safety & Rescue Equipment (on site)

☐ Lights ☐ Fall Protection ☐ First Aid Kit ☐ Drinking Water ☐ Fire Extinguisher ☐ Tripod

☐ Ladder ☐ Retrieval Lines ☐ Resuscitator ☐ Communication Method ☐ Other:

VII. Comments or Special Work Procedures

_____

_____

_____

_____

_____

VIII. Report All Injuries Immediately

IX. Control Measures

- Isolation & Lockout (identify items to be locked out)
- Establish Work Zones when completed
  - ☐ Hot Zone = Red Ribbon
  - ☐ Warn Zone = Yellow Ribbon
  - ☐ Cold Zone = Blue Ribbon
- Ventilation ☐ Natural ☐ Mechanical
  Continuous ☐ No ☐ Yes
- Flagman / Watchman ☐
- Confined Space - Safety Watch ☐
  (See Exhibit "B" for Permit)
- Evacuation Routes - (Identify on Map)
  - ☐ Air Horn - Emergency
  - ☐ Primary Route
  - ☐ Secondary Route

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SITE SAFETY PLAN (Cont'd)

X. Monitoring Results

Monitoring Results	Zone													
Oxygen	Time													
	Level													
	By													
LEL	Time													
	Level													
	By													
Hydrogen Sulfur	Time													
	Level													
	By													
Benzene	Time													
	Level													
	By													
VOC	Time													
	Level													
	By													
TPH	Time													
	Level													
	By													
	Time													
	Level													
	By													
	Time													
	Level													
	By													
	Time													
	Level													
	By													
	Time													
	Level													
	By													

Equipment: Type: _____ Mfger: _____ Caliberation/Expiration: _____
Type: _____ Mfger: _____ Caliberation/Expiration: _____

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SITE SAFETY PLAN (Cont'd)

XL Work Area Diagram Map

Please include wind direction, exclusion zone, support zone, decon area, evacuation routes and significant landmarks.

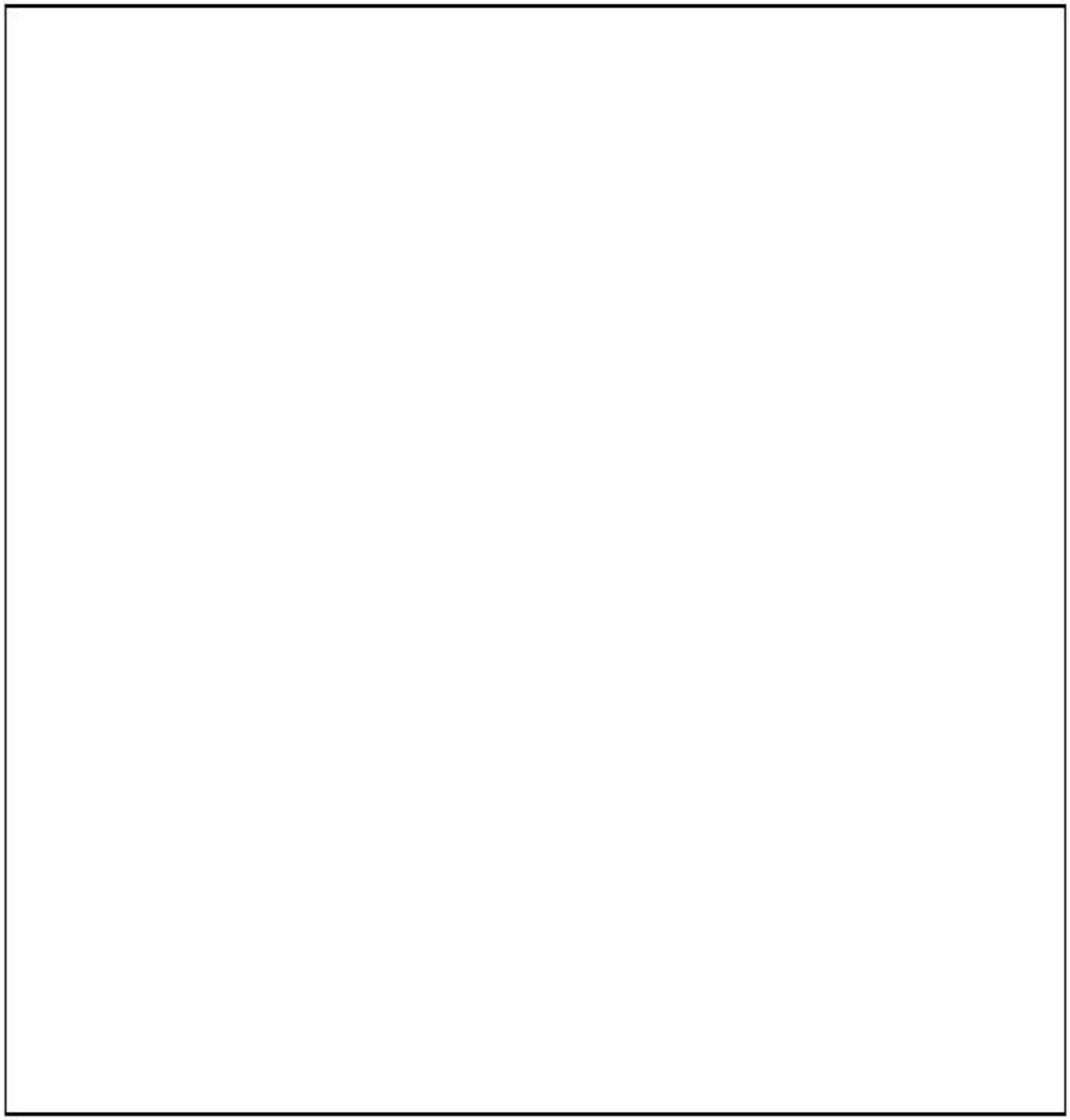


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Figure 6.1 On-Water Response Flowchart

6.6 Vulnerability Analysis

6.7 Alternative Response Strategies
Figure 6.2 Environmental Sensitivity Maps

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6.1 CRITICAL AREAS TO PROTECT

The critical areas to protect are classified as high, moderate, and low sensitivity to oil for non-coastal/inland environments. The Federal, State, and local authorities will further clarify these categories at the time of the response. The categories are defined as follows:

HIGH SENSITIVITY
■ Areas which are high in productivity, abundant in many species, extremely sensitive, difficult to rehabilitate, or inhabited by threatened/endangered species.
■ Areas which consist of forested areas, brush/grassy areas, wooded lake areas, freshwater marshes, wildlife sanctuaries/refuges, and vegetated river/stream banks.

MODERATE SENSITIVITY
■ Areas of moderate productivity, somewhat resistant to the effects of oiling.
■ Areas which consist of degraded marsh habitat, clay/silt banks with vegetated margins, and gravel/cobble beaches.

LOW SENSITIVITY
■ Areas of low productivity, man-made structures, and/or high energy.
■ Areas which consist of gravel, sand, or clay material, barren/rocky riverbanks and lake edges, man-made structures, and concrete/compacted earthen drainage ditches.

6.2 ENVIRONMENTAL/SOCIO-ECONOMIC SENSITIVITIES

Environmental/Socio-economic sensitivities are of extreme importance when planning a response effort. The health and safety of the public and the environment, as well as the protection of the various socio-economic sensitivities, must be promptly addressed in order to mitigate the extent of damage and minimize the cost of the clean-up effort.

All environmental/socio-economic sensitivities are worthy of protection, but must be prioritized during a response effort. When making decisions on which areas to designate as collection areas and which to protect, the following sources may be consulted:

- U.S. Fish and Wildlife Service and related state agencies
- Applicable Area Contingency Plans
- Other industry and private experts

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6.2 ENVIRONMENTAL/SOCIO-ECONOMIC SENSITIVITIES (Cont'd)

The environmental and socio-economic sensitivities in the vicinity of the Pipeline have been broken down into specific categories and identified in this Section. To further clarify the location of the sensitive areas of concern references to published Area Contingency Plans and Environmental Sensitivity Maps are also provided in this section.

In addition, the following high consequence areas (HCA) are listed in the HCA segment report

(b) (7)(F)

[redacted]

(b) (7)(F)

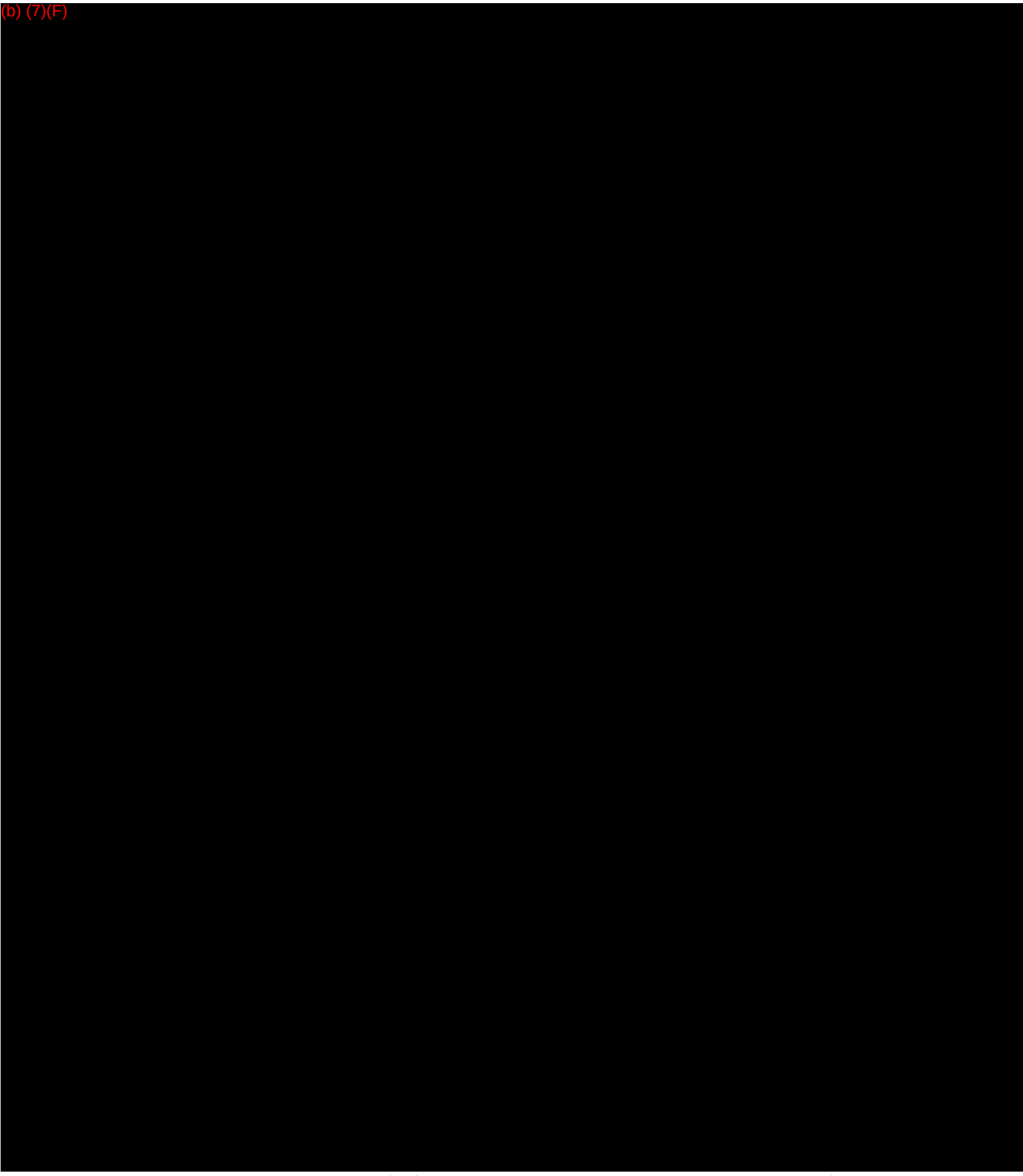
[redacted]

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(b) (7)(F)

[redacted]

(b) (7)(F)



(b) (7)(F)

[redacted]

(b) (7)(F)

[redacted]

© Response Management Associates, Inc.

(b) (7)(F)
[redacted]

© Response Management Associates, Inc.

(b) (7)(F)

[redacted]

© Response Management Associates, Inc.

(b) (7)(F)

[redacted]

(b) (7)(F)

[redacted]

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(b) (7)(F)

[redacted]

6.3 WILDLIFE PROTECTION AND REHABILITATION

The Company will work with Federal, State, and local agency personnel to provide labor and transportation to retrieve, clean, and rehabilitate birds and wildlife affected by an oil spill, as necessary. Oversight of the Company's wildlife preservation activities and coordination with Federal, State, and Local agencies during an oil spill is the responsibility of the Incident Commander.

Special consideration should be given to the protection and rehabilitation of endangered species and other wildlife and their habitat in the event of an oil spill and subsequent response. Jurisdictional authorities should be notified and worked with closely on all response/clean-up actions related to wildlife protection and rehabilitation. Laws with significant penalties are in place to ensure appropriate protection of these species.

6.3.1 Wildlife Rescue

The Company will work with Federal, State, and Local agency personnel to provide labor

and transportation to retrieve, clean, and rehabilitate wildlife affected by an oil spill, as the situation demands.

The following are items which should be considered for wildllife rescue and rehabilitation during a spill response:

- Bird relocation can be accomplished using a variety of deterrents, encouraging birds to avoid areas of spilled oil. Bird relocation can be accomplished by utilizing deterrent methods including:
  - Use of visual stimuli, such as inflatable bodies, owls, stationary figures, or helium balloons, etc.
  - Use of auditory stimuli, such as propane cannons, recorded sounds, or shell crackers.
  - Use of herding with aircraft, boats, vehicles, or people (as appropriate).
  - Use of capture and relocation.

6.3.2 Search and Rescue - Points to Consider

- **The Company's involvement should be limited to offering assistance as needed or requested by the agencies.**

- Prior to initiating any organized search and rescue plan, **authorization must be obtained from the appropriate federal/state agency.**

6.3 WILDLIFE PROTECTION AND REHABILITATION (Cont'd)

6.3.2 Search and Rescue - Points to Consider (Cont'd)

- **Initial search and rescue efforts, if needed, should be left up to the appropriate agencies.** They have the personnel, equipment, and training to immediately begin capturing contaminated wildlife.

- With or without authorization it must be anticipated that volunteer citizens will aid distressed/contaminated wildlife of their own. It is important to communicate that it may be illegal to handle wildlife without express authority from appropriate agencies. Provisions should be made to support an appropriate rehabilitator, however, **no support should be given to any unauthorized volunteer rescue efforts.**

- The regulatory agencies and response personnel should be provided the name and location of a qualified rehabilitator in the event contaminated wildlife is captured.

- Resources and contacts that can assist with wildlife rescue and rehabilitation are provided in Section 2.0. This list includes:

  - Outside rehabilitation organizations
  - Local regulatory agencies
  - Other resources

6.4 STAGING AREAS

When establishing personnel and equipment staging areas for a response to a Pipeline discharge, the following criteria should be evaluated:

- Access to waterborne equipment launching facilities and/or land equipment.

- Access to open space for staging/deployment of heavy equipment and personnel.

- Access to public services utilities (electricity, potable water, public phone, restroom and washroom facilities, etc.).

- Access to the environmental and socio-economically sensitive areas which are projected for impact.

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6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT

General descriptions of various specific response techniques that may be applied during a response effort are discussed below. The Company responders are free to use all or any combination of these methods as incident conditions require, provided they meet the agency approval, appropriate safety standards and other requirements relative to the situation encountered. Data was obtained from reports, manuals and pamphlets prepared by the American Petroleum Institute, Environmental Protection Agency and the United States Coast Guard. The most effective cleanup of a product spill will result from an integrated combination of clean-up methods. Each operation should complement and assist related operations and not merely transfer spillage problems to areas where they could be more difficult to handle.

The spill should be assessed as soon as possible to determine the source, extent and location of travel. Terrain and other physical conditions downgradient of the spill site will determine the methods of control at a point in advance of the moving product. Often, the bulk of a spill can be contained at a single location or a few key locations in the immediate vicinity of the source point. When possible, the execution of this type of initial containment strategy helps confine a spill to a relatively limited area.

6.5.1 Spill on Land (Soil Surfaces)

- **Confinement Methods**

  Product can be trapped in ditches and gullies by earth dams. Where excavating machinery is available, dams can be bulldozed to contain lakes of product. Dams, small and large, should be effectively employed to protect priority areas such as inlets to drains, sewers, ducts and watercourses. These can be constructed of earth, sandbags, absorbents, planks or any other effective method. If time does not permit a large dam, many small ones can be made, each one holding a portion of the spill as it advances. The terrain will dictate the placement of the dams. If the spill is minor, natural dams or earth absorption will usually stop the product before it advances a significant distance. Cleanup is the main concern in such situations.

  In situations where vapors from a spill present a clear and present danger to property or life (possible ignition because of passing automobiles, nearby houses, or work vehicles approaching the area), spraying the surface of the spill with dispersant will greatly reduce the release of additional vapors from the product. This method is especially adapted to gasoline spills on soil surfaces.

- **Removal Methods**

  The recovery and removal of free product from soil surfaces is a difficult job. The best approaches at present seem to be:

  - Removal with suction equipment to tank truck if concentrated in volumes large enough to be picked up. Channels can be formed to drain pools of product into storage pits. The suction equipment can then be used.

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6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.1 Spill on Land (Soil Surfaces)

- **Removal Methods (Cont'd)**

  - Small pockets may have to be dipped up by hand.

  - If practicable after removal of the bulk of the spill, controlled burning presents the possibility of a fast, simple, and inexpensive method of destruction of the remainder of the product. If all other options have been executed and the site is still unsafe for further activity because explosive vapors persist, the vapors may need to be intentionally ignited to prevent an accumulation sufficient to become an explosive mixture, provided the other requirements of these guidelines for controlled burning are met.

  Intentional ignition to remove released product should be utilized only if all of the following conditions are met:

  - Other steps and procedures have been executed and a determination has been made that this is the safest remaining method of control.

  - Intentional burning will not unduly damage pipelines, adjacent property, or the environment.

  - Controlled burning is permitted by government authorities. Local government authorities to be contacted may include city council, county board of commissioners, city or county fire chiefs, the county forestry commission or fire tower, and the local environmental protection agency. In seeking permission from these authorities, be prepared to convince them that adequate safety precautions have been and will be taken during the operation.

  - Controlled burning is conducted with the consent of local land owners.

  - Safety must always be a prime consideration when considering controlled burning of product. Sparks and heat radiation from large fires can start secondary fires and strong winds make fire control difficult. There must be no danger of the fire spreading beyond control limits. All persons must be at a safe distance from the edge of the inflammable area. Remember that all burning must be controlled burning.

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6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.2 Spill on Lake or Pond (Calm or Slow-Moving Water)

- **Confinement Methods**

A lake or pond offers the best conditions for removal of product from water. Although the removal is no easy task, the lake or pond presents the favorable conditions of low or no current and low or no waves.

The movement of product on a lake or pond is influenced mainly by wind. The product will tend to concentrate on one shore, bank or inlet. Booms should be set up immediately to hold the product in the confined area in the event of a change in wind direction.

If the spill does not concentrate itself on or near a shore (no wind effect), then a sweeping action using boats and floating booms will be necessary.

The essential requirement for this operation is that it be done very slowly. The booms should be moved at not more than 40 feet per minute. Once the slick is moved to a more convenient location (near shore), the normal operations of removal should begin.

If the slick is small and thin (rainbow effect) and not near the shoreline, an absorbent boom instead of a regular boom should be used to sweep the area very slowly and absorb the slick. The product may not have to be moved to the shoreline.

- **Removal Methods**

If the confined slick is thick enough, regular suction equipment may be used first; however, in most instances, a floating skimmer should be used.

If the floating skimmer starts picking up excess water (slick becomes thin), drawing the boom closer to the bank as product is removed will also keep film of product thicker. However, when the slick becomes too thin, the skimmer should be stopped and an absorbent applied (with a boat if necessary) to remove the final amounts. The floating skimmer (if speed is a must) or hand skimmers (if water is shallow enough) or both can be used to pick up the product-soaked absorbent. Before pumping the product-soaked absorbent with a floating skimmer, ensure that the absorbent in question can be pumped and will not harm the pump. Several types are nonabrasive to pump internals. If the floating skimmer is used first, the product-soaked absorbent/water mixture should be pumped into a tank truck.

A better method of retrieving the product-soaked absorbent is to draw it in as close to the shore as possible with the booms used to confine the product initially. The absorbent can then be hand skimmed from the water surface and placed in drums, on plastic sheets or in lined roll-off boxes. It should then be disposed of by acceptable means.

6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.2 Spill on Lake or Pond (Calm or Slow-Moving Water) (Cont'd)

- **Removal Methods (Cont'd)**

The final rainbow on the surface can be removed with additions of more absorbent.

6.5.3 Spill on Small to Medium Size Streams (Fast-Flowing Creeks)

- **Confinement Methods**

The techniques used for product containment on fast-flowing shallow streams are quite different from the ones used on lakes, ponds, or other still bodies of water. The containment and removal processes require a calm stretch of water to allow the product to separate onto the surface of the water. If a calm stretch of water does not exist naturally, a deep slow-moving area should be created by damming. The dam can be constructed by using sandbags, planks or earth. If a dam is required, it should be situated at an accessible point where the stream has high enough banks. The dam should be constructed soundly and reinforced to support the product and water pressure.

- Underflow dam - The underflow dam is one method that can be used, especially on small creeks. The water is released at the bottom, of the dam using a pipe or pipes which are laid during construction of the dam. The flow rate through the pipe must be sufficient to keep the dam from overflowing. One method is to lay the pipe at an angle through the dam (while dam is being constructed) so that the height of the downstream end of the pipe will determine the height the water will rise behind the dam.

- Overflow dam – Another method of containment is the overflow type dam. The dam is constructed so that water flows over the dam, but a deep pool is created which slows the surface velocity of the water. Therefore, the condition of a calm stretch of water is met. The overflow dam may be used where larger flow rates (medium size creeks) of water are involved.

  With this type dam, a separate barrier (floating or stationary boom) must be placed across the pool created by the dam. The separate barrier arrests the surface layer of product. At the same time, the water is flowing under the barrier and over the top of the dam. The barrier should be placed at an angle of 45 % across the pool to decrease the effective water velocity beneath it. Also, it helps to concentrate the product at the bank and not all along the barrier. A second barrier should be placed approximately 10 to 15 feet downstream of the first one as a secondary back-up.

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6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.3 Spill on Small to Medium Size Streams (Fast-Flowing Creeks) (Cont'd)

- **Confinement Methods (Cont'd)**

  The stationary boom type barrier should be made of wood planks or other suitable material. The stationary boom should be soundly constructed and sealed against the bank. The ends of the planks can be buried in the banks of the stream and timber stakes driven into the stream bed for support as needed. The necessary length of the boom will be approximately 1-1/2 times the width of the waterway.

  The plank boom should extend six to eight inches deep into the water and about two inches or higher above the water level. If the increase in velocity under the stationary boom is causing release of trapped product, it should be moved upward slightly. At no time should barrier be immersed more than 20% of the depth of the pool at the barrier location; that is, if the pool created by damming is three feet deep, do not exceed an immersion depth of seven inches with the barrier at the position the barrier is installed.

  Another method used with the underflow dam is having the pipe or pipes sized to carry only a portion of the flow needed. The pipe would be placed at the bottom of the dam and level with the creek bed. The remaining flow of the creek could be siphoned or preferably pumped around the dam from a point away from the dam and from the deepest portion of the pool. The pumping or siphoning can be controlled to maintain the desired water level at the dam. The key is the removal of water through or around the dam at the lowest point in the basin. This prevents the oil from escaping with the released water.

  A floating boom can be used in place of the stationary type if the created pool's size (bank to bank) and depth will permit. Since changing the depth and/or length of a standard floating boom in a small stream is difficult, the use of the separation of product and water. The advantages of using a floating boom are the speed of deployment and the fact that there is no need for additional support as with the stationary boom.

- Multiple Impoundments since emergency built dams (either underflow or overflow) are seldom perfect, a series of dams is usually required. The first one or two will trap the bulk and the ones that are downstream will trap the last traces of product. Precautions should be taken to ensure that the foundations of emergency dams are not washed away by the released water. If earth is used to construct an overflow dam, a layer of earth-filled bags should be placed on top of the dam so erosion will not take place.

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6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.3 Spill on Small to Medium Size Streams (Fast-Flowing Creeks) (Cont'd)

- **Removal Methods**

Once the containment dams are constructed, the problem or removal of the product from the water surface should be the prime consideration. The removal must be continuous or else build-up of product behind the dams or booms might lead to product escaping the traps.

The type of removal procedures used depends largely on the amount of product being trapped in a given span of time, if the amount of product moving down the stream is of sufficient quantity, the first dam or fixed boom would quite possibly trap enough for the floating skimmer to work efficiently. The skimmer will pump the product and possibly some water to a tank truck or other holding tank. Separated water may be released from the bottom of the tank truck if it becomes necessary. The absorbents could then be used at downstream dams or booms. It is inadvisable to place an absorbent in the stream prior to or at the first dam in anticipation of the arriving product. Let the product accumulate at the first dam and use the floating skimmer to recover the product.

Disposal of gross amount of product-soaked absorbent would not then be a problem. Follow directions on use of each absorbent. Some are designed to be placed on water before product arrives; others are intended only to be placed on the product after it accumulates on the water. Plastic sheets should be used to place the product- soaked absorbent on as it is hand skimmed from the water. Alternatively, the material may be placed in drums or lined roll-off boxes.

The containment and removal of spilled product on small to medium fast-flowing streams might require a combination of underflow or overflow dams, fixed booms, skimmers, and absorbents, to ensure a complete cleanup.

6.5.4 Spill on Large Streams and Rivers

- **Confinement Methods**

The containment techniques differ considerably on large streams and rivers versus small streams. First, the smooth calm area of water necessary for product-water separation must be found along the stream or river rather than making one as with small streams. Floating booms (rather than fixed booms or dams) must be used to trap the surfaced product.

Local conditions of current and wind must be considered when selecting the site for the boom. A point with a low water velocity near the bank, sufficient depth to operate the product removal equipment, and good access are required. The fact that wind may tend to concentrate the product against one bank must be considered. A smooth, undisturbed area of water is required immediately upstream of the boom to

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6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.4 Spill on Large Streams and Rivers (Cont'd)

- **Confinement Methods (Cont'd)**

ensure that the product has opportunity to separate out onto the surface. The boom should be positioned where the current is at a minimum. It is more effective to boom at a wide, slow position than on a narrow, fast stretch of water.

If the boom are positioned straight across a river or stream, at right angles to the flow, surface water tends to dive beneath the barrier (boom) when current velocities exceed about ½ knot (0.8 ft./sec.). However, if the current of the entire river is ½ knot or less, then a boom can be positioned straight across the river or large stream, but angled slightly in relation of the banks. By placing the boom at an angle to the banks, product on the surface is diverted along the boom to the side of the river.

The current velocity is usually much slower near the river bank than in the center and the product will move along the boom toward the bank for removal. A water-tight seal between the bank and the boom is essential. A secondary boom should be set up immediately downstream of the first one to capture the amounts that escape the upstream boom. A boom can be employed parallel to the river flow at the bank to form the seal with the booms used to trap the product.

Where the current velocity of the chosen site exceeds ½ knot, the boom should be positioned in two smooth curves from a point of maximum velocity (usually the center of the river) to both banks. However, this double-boom required product to be removed from both sides of the river. To determine the appropriate angle of boom placement and support (mooring) needed to hold the booms in position, the current velocity should be measured by timing a floating object which is 80% submerged over a distance of 100 feet. A time of 60 seconds over this distance indicates a water current of approximately 1 knot.

For currents from 1 to 2.5 knots (1.7 to 4.2 ft./sec.), the more the boom will have to be angled acute to the bank. The length of the boom will have to be such to reach the center of the river. For currents between ½ and 1 knot (0.8 and 1.7 ft./sec.), the angle of employment can be enlarged.

The major load on the boom is taken by the terminal moorings, particularly the one in the center of the river. However, intermediate moorings are also required both to maintain the smooth curve of the boom to prevent breaking of the boom and to assist with preventing skirt deflection. The intermediate moorings are preferably positioned every 25 feet and must be adjusted to avoid the formation of indentations in the boom

6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.4 Spill on Large Streams and Rivers (Cont'd)

- **Confinement Methods (Cont'd)**

profile. These trap product in pockets, prevent its deflection to the bank, and also encourage diving currents. The moorings' ropes should be five times the water depth.

In certain situations, it might be advantageous to position booms to deflect the approaching spilled product to a slower moving area. Naturally, additional booms would have to be positioned around this slower moving area prior to deflecting the product to the area. This approach has been used along rivers which have lagoons, etc., with a very low current action. The recovery would take place in the lagoons and not along the river bank.

- **Removal Methods**

The product collected upstream of the floating booms in a large stream or river should be removed from the water surface as it accumulates. Regular suction equipment, a floating skimmer, and/or absorbents (including absorbent booms) should be used to remove the product as appropriate to the quantity being trapped in a given span of time. If the amount moving down the stream is of sufficient quantity, the primary floating boom would possibly trap enough for the floating skimmer to work efficiently. The skimmer will pump the product and some water to a tank truck or other holding tank.

The absorbents would then be used upstream of the secondary boom to absorb the underflow from the primary boom. An absorbent boom can also be placed between the primary and secondary booms to help the other absorbents control the underflow from the primary boom.

It is best to hand skim the saturated absorbents and place on plastic sheets. However, if the absorbent used can be pumped after product absorption and speed of removal is a necessity, the floating skimmer can be used to remove the product-soaked absorbent.

The disadvantage of pumping the product-soaked absorbent to a truck is the volume that will accumulate (skimmer will pump excess water) and the disposal problems associated with the large water/product-soaked absorbent mixture.

Spill on Stream which Flows into Lake or Pond

In certain locations where streams (small and large ones) flow into lakes or ponds at relatively short distances, it is conceivable that a spill could reach the lake before containment and recovery operations are set up. If time permits for containment operations to be set up on the stream in question, it then would be handled as

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6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.4 Spill on Large Streams and Rivers (Cont'd)

described above depending upon the stream size involved.

However, if product in the stream is near the lake site or if product is flowing into the lake with a significant amount yet to arrive, a different containment should be employed.

- Confinement Methods

  Product on a stream flowing into a lake should be boomed as close to the entrance as possible. The boom should be positioned on the lake at an angle to the residential stream current so as to direct the surface water to a slower moving area. The area where the product is being deflected should be enclosed by booms to contain it. An additional boom for sweeping the product to the bank will be required. This area of containment should not have a current velocity of more than 1/2 knot (0.8 ft./sec.), preferably less.

- Removal Methods

  The removal of product from the lake or pond's surface would be handled as described earlier.

  For sizable releases, collected product will usually be pumped into tank trucks and transported to a storage facility. Tank trucks are available at several locations throughout.

6.5.5 Spill in Urban Area

Oil spills in urban areas can greatly impact recreational use, human health, wildlife habitat (s), and potential beach or park closures. Manmade structures along waterways require unique protection strategies. Manmade structures could include vertical shore protection structures such as seawalls, piers, and bulkheads, as well as riprap revetments and groins, breakwaters, and jetties. Vertical structures can be constructed of concrete, wood, and corrugated metal. They usually extend below the water surface, although seawalls can have beaches or riprap in front of them. These structures are very common along developed shores, particularly in harbors, marinas, and residential areas.

The range in degree of exposure to waves and currents varies widely, from very low in dead-end canals, to very high on offshore breakwaters. Boat wakes can generate wave energy in otherwise sheltered areas.

Maintaining shipping or other kinds of vessel traffic through navigation channels or waterways during a spill response is a difficult consideration because there is usually economic and political pressure to re-establish normal operations as soon as possible. This consideration extends to vehicular traffic through urban areas. Deploying booms and

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6.5 CONTAINMENT AND RECOVERY OF SPILLED PRODUCT (Cont'd)

6.5.5 Spill in Urban Area (Cont'd)

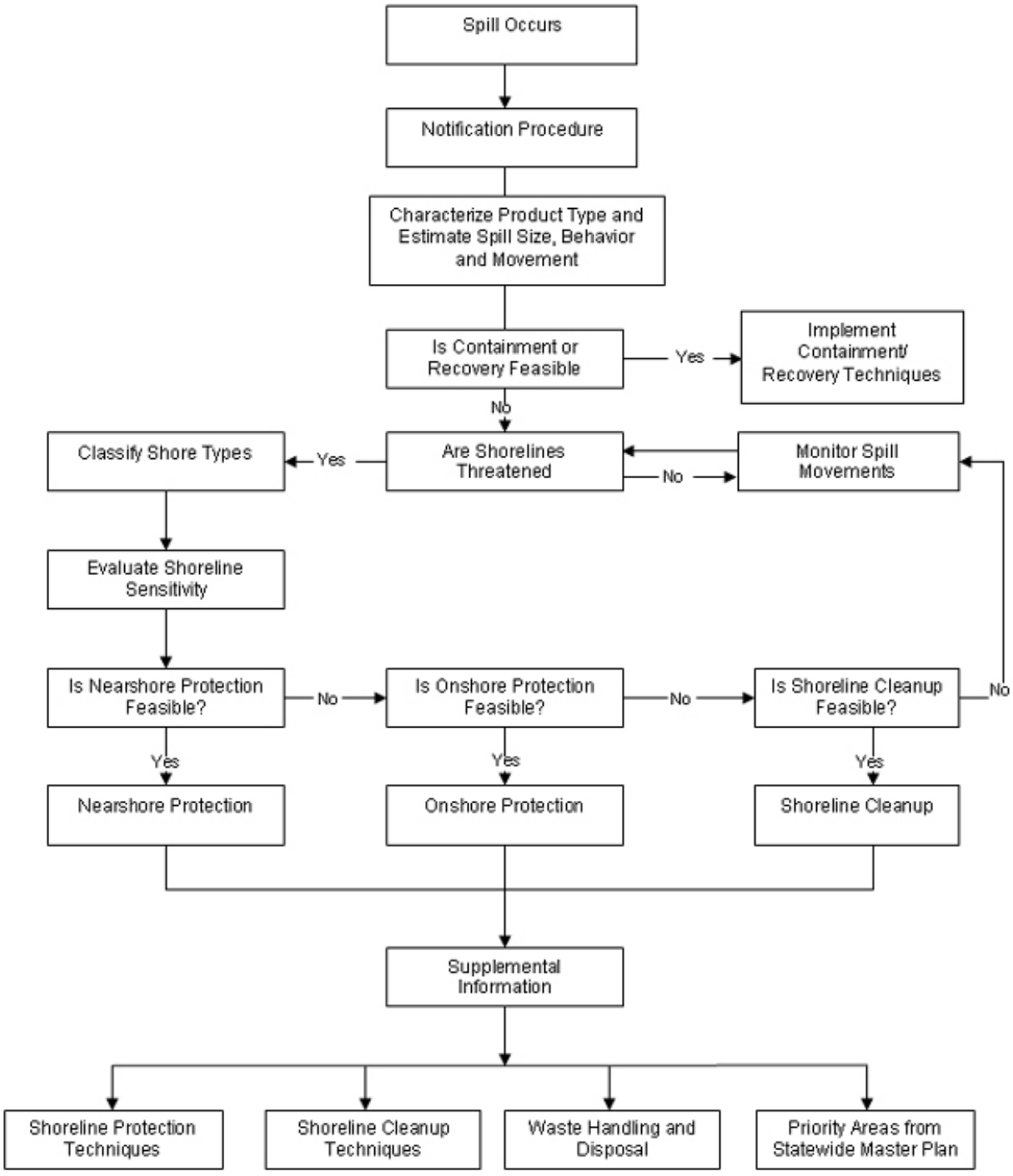
skimmers or constructing recovery sites can conflict with such traffic for several days. Also, passage of deep-draft vessels through the waterway can suddenly change water level and flow or create wakes, causing booms to fail. For these reasons, recovery efforts must be coordinated through the Unified Command to ensure the cooperation of all parties involved.

Note: All facility response personnel have been informed that detergents or other surfactants are prohibited for use on water and that dispersants can only be used with the approval of the Regional Response Team and TX TGLO.

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FIGURE 6.1

ON-WATER RESPONSE FLOWCHART



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6.6 VULNERABILITY ANALYSIS

The thorough examination of published Area Contingency Plans (ACPs) was conducted to identify sensitive areas in all the response zones.

The Environmental Sensitivity Maps located in Figure 6.2 identify sensitive areas along the pipeline. The appropriate Area Contingency Plan maps are also included to provide more detailed information on sensitivities and possible potential response options.

6.7 ALTERNATIVE RESPONSE STRATEGIES

There are no pre-approved response options for inland spills within the United States. Any plans to use dispersants or in situ burn by the Company will be submitted to the Federal On-Scene Coordinator for Regional Response Team approval prior to such action being taken.

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Section 6.0 Spill Impact Considerations

FIGURE 6.1

ENDANGERED/THREATENED SPECIES LISTING

Common Name	Scientific Name
Bear, Louisiana black	Ursus americanus luteolus
Eagle, bald lower 48 states	Haliaeetus leucocephalus
Heelsplitter, Alabama (=inflated)	Potamilus inflatus
Mucket, pink (pearlymussel)	Lampsilis abrupta
Pearlshell, Louisiana	Margaritifera hembeli
Plover, piping except Great Lakes watershed	Charadrius medodus
Sea turtle, green except where endangered	Chelonia mydas
Sea turtle, hawksbill	Eretmochelys imbricate
Sea turtle, Kemp's ridley	Lepidochelys kempii
Sea turtle, leatherback	Dermochelys coriacea
Sea turtle, loggerhead	Caretta caretta
Sturgeon, gulf	Acipenser oxyrinchus desotoi
Sturgeon, pallid	Scaphirhynchus albus
Tern, least interior pop.	Sterna antillarum
Tortoise, gopher west of Mobile/Tombigbee Rivers	Gopherus polyphemus
Turtle, ringed map	Graptemys oculifera
Vireo, black-capped	Vireo atricapilla
Whale, finback	Balaenoptera physalus
Whale, humpback	Megaptera novaeangliae
Woodpecker, red-cockaded	Picoides borealis
Beetle, American burying	Nicrophorus americanus
Curlew, Eskimo	Numenius borealis
Frog, Mississippi gopher	Rana capito sevosa
Jaguar	Panthera onca
Wolf, gray lower	Canis lupus
Pelican, brown except U.S. Atlantic coast, FL, AL	Pelecanus occidentalis
Sawfish, smalltooth	Pristis pectinata

Common Name	Scientific Name
Chaffseed, American	Schwalbea Americana

Maps and detailed tables have been redacted in accordance with the Freedom of Information Act exemption 7f.

A RESPONSE RESOURCES

A.1 Company Owned Response Equipment

A.2 Other Company Resources

A.3 Contract Resources

A.4 Cooperative/Mutual Aid Resources

A.5 Experts and Consultants

A.6 Volunteers

A.7 Communications

Figure A.1 Company Owned Spill Response Equipment

Figure A.2 Contracted Response Resources

Figure A.3 Revised USCG OSRO Classifications

Figure A.4 OSRO Contracts

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RESPONSE EQUIPMENT / RESOURCES

The following sections outline the various response equipment/resources available along the Pipeline, other Company facilities, Oil Spill Removal Organizations, and other outside resources.

A.1 COMPANY RESPONSE EQUIPMENT

Company owned spill response equipment is staged at the major tank farms which are located at Port Arthur, Houston, Greenville, Glenpool, Wood River and Hammond. This equipment is maintained according to manufacturer's recommendations by Company personnel. An equipment summary detailing locations, type and amount stored in response trailers and other miscellaneous spill locations is listed in Figure A.1. The Company also has contracts in place with Oil Spill Removal Organizations and other clean-up contractors that are capable of responding to all discharges along the Pipeline. Figure A.2 lists the contracted Oil Spill Removal Organizations.

The Qualified Individual has the authority to activate other Company resources or that of private contractors and other experts and consultants as the situation demands.

All Pipeline personnel who might be involved in an oil spill have been informed that detergents or other surfactants are prohibited from being used on an oil spill in the water and that dispersants can only be used with the approval of the Regional Response Team, the interagency group composed of federal and state agency representatives that coordinates oil spill response.

A.2 OTHER COMPANY RESOURCES

Additional Company spill response equipment and manpower resources are not available to supplement the response operation, however third party contractors will be activated on an as needed basis.

A.3 CONTRACT RESOURCES

In the event of a discharge which is beyond the initial response capabilities of the Local Response Team, contract manpower and equipment resources can be obtained through Oil Spill Removal Organization(s) (OSRO). These OSROs can provide manpower and containment/clean-up equipment for the response operation.

The resources will be secured from a Company approved contractor. Area Management will typically handle notification/implementation of these resources. Figure A.2 provides a quick reference to the Oil Spill Removal Organizations and details their response capability and estimated response times. **Telephone reference is provided in Figure 2.5.** *(Note: The Company will ensure that each OSRO has a comprehensive maintenance program and applicable training / drills programs in place at contract renewal.)*

A.4 COOPERATIVE/MUTUAL AID RESOURCES

The Company is a member of the Sabine Chiefs Association.

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A.5 EXPERTS AND CONSULTANTS

The Company maintains a relationship with various environmental and technical consultants that can provide support in the event of an emergency incident. These consultants can provide expertise and support in the areas of emergency response management, environmental services, site assessment, permitting, waste treatment, recycling, dewatering, hazardous waste disposal, and remediation.

A.6 VOLUNTEERS

Volunteers will not be utilized by the Company for the response operations. All volunteers will be referred to the Federal Regional Response Team.

A.7 COMMUNICATIONS

Effective and efficient communications systems are essential for emergency response at every level. The communications system will be utilized to gather information and current status reports as well as to provide coordination and direction to widely separated work groups involved in search, containment/diversion, repair, traffic control, public control or evacuation, and restoration.

Lines of communication between the Incident Commander, Local Response Team and Company Emergency Response Team members are demonstrated in the organization charts provided in Figures 4.1 and 4.2. Communication of the overall spill response operation between the Company and the responsible government agencies in the Federal Regional Response Team (RRT) will occur between the Incident Commander and the Federal On-Scene Coordinator.

A.7.1 Central Communications System

Prearranged communication channels are of the utmost importance in dealing with Company emergencies. The notification procedures and telephone contacts documented in Section 2.0 will be reviewed in accordance with the earlier documented updating procedures. The predetermined communications channels include the following:

- A list of emergency telephone numbers for internal management and emergency response personnel (Figures 2.2 and 2.5).
- A list of emergency telephone numbers for various external resources such as the fire and police department, medical, and regulatory agencies (Figure 2.5).
- A list of emergency telephone numbers for contract (Figure 2.5).

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A.7 COMMUNICATIONS(Cont'd)

A.7.2 Communications Equipment

Field communications during a spill response to a small or medium discharge will be handled via the existing Company communications network. This network will utilize existing radios, telephones, cellular phones, fax machines, and computers and will be maintained by Company personnel. In the event of a Worst Case Discharge, field communications will be enhanced with other Company and contract resources as the situation demands.

A.7.3 Tulsa Phone System for ICS/Incident Management Room

Explorer Pipeline's phone system takes advantage of our existing data network to carry voice traffic.

The system has redundancy at several levels to provide reliable services. The new system makes available much more calling resources to Tulsa and our tank farm facilities. All phone lines and resources are available company wide. This greatly reduces the chance of someone not being able to make a call because of all lines being in use.

The phones can be moved from desk to desk within any facility without intervention by IT personnel. Users may unplug their phone from the network and walk into another office and plug their phone onto the network at another point. The phone will come back up and all functions will follow the set to its new place in the network.

If needed soft phones may be configured onto user laptops. A high quality headset is recommended for use of your laptop as a phone. The soft phone can then become an extension shared with the user's regular desk set. This will allow virtually all phone functions to be made available through VPN connections to our network.

With soft phone technology our SME's can be made available through their primary contact paths and with the same set of calling features they use daily. It is the almost the same as if the person were sitting at their desk.

A.7.4 Communications Types

Radios - Handheld and vehicle mounted radio sets are the most effective means of communication for the field response operation. The units are battery operated, multi-channeled, and have a typical range that will cover the area of the response operation. Additional radio sets and battery packs/charges will be necessary in the event of a prolonged response operation.

Telephone (Conventional) - Conventional land line telephones are the most effective means of communication for regulatory and advisory notifications during a spill response operation. Additional telephone lines can be installed in the event of a prolonged response operation.

Telephone (Cellular) - Cellular telephones allow for added mobility and response

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effectiveness. Cellular phones are commonly maintained by certain Company personnel. Additional cellular phones can be secured in the event of a prolonged response operation. Most response team members carry a cellular phone.

FAX Machines - FAX machines allow for a rapid transfer of information/documentation such as status reports/updates, written notifications, and purchase orders.

Computers - Computers are commonly used in networks which allow access to various other locations and company personnel. Computers also speed the consolidation of information and preparation of a written report.

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FIGURE A.1

COMPANY OWNED SPILL RESPONSE EQUIPMENT

Company owned spill response equipment is staged at various locations throughout the system.This equipment is maintained according to manufacturer's recommendations by Company personnel. The below list is a minimum inventory of equipment maintained at each area office location.

Minimum Company Response Equipment	
Quantity	**Description**
1	Generator
2	1 gallon gas cans
10 bundles	Absorbent pads
1	200 feet Absorbent boom
5	Reflective vests
3	Shovels
3	Transfer shovels
1	Post hole digger
2	Leaf rakes
1	Sledge hammer
1	Single blade axe
2	Weed sickles
2	A/B/C fire extinguishers
1	5 gallon A/B/C dry extinguisher agent
4	B/C fire extinguishers
1	5 gallon dry extinguisher agent – Purple K
4	CO_2 cartridges
1	1,000 square feet of 6 mill plastic
1	100 feet extension cord
1	Hand saw
1	Box of large and extra large tyvek coveralls
1	Box of large and extra large gloves
1	Box of large neoprene gloves
10	Bungee cords
5	Rolls of DANGER and DO NOT ENTER tape
1	Wind Sock
6	Hard hats
1	Five gallon cooler
1	250 feet of rope
2	First Aid Kit
1	Eye wash station
3	Explosion proof flash lights and extra batteries
5	Safety Glasses

1	Jumper cables
1	Toilet paper – Jumbo package
1	Large box of industrial trash bags
1	Large box of paper towels
2	Boxes – hand cleaner
20	Fence posts
1	Fence post driver
2	Pair of waders
5	Traffic cones
5	Life vests
1	55 gallon drum
1	Chain Saw
4	Cans of insect repellant and hornet spray
2	Drip tubs
1	Bonding cables
2	Large dry erase board with markers
3	Cans of marking paint

FIGURE A.2
CONTRACTED

USCG Classified Oil Spill Removal Organization (OSRO)							
OSRO Name[1]	Contract Number	Environment Type	Facility Classification Level[2] MM	W1	W2	W3	High Volume Port
Houston-Galveston Captains of the Port (COTP) Zone							
Garner Environmental Services- 0027		Rivers/Canals	X	X	X	X	Yes
		Inland	X	X	X	X	
		Open Ocean			X	X	
		Offshore			X	X	
		Nearshore			X	X	
		Great Lakes					
Houston-Galveston Captains of the Port (COTP) Zone							
SWS Environmental - 0085		Rivers/Canals			X	X	Yes
		Inland					
		Open Ocean					
		Offshore					
		Nearshore					
		Great Lakes					
Lower Mississippi and Upper Mississippi Captains of the Port (COTP) Zone							
ACME Products - 0010		Rivers/Canals	X				Yes
		Inland	X				
		Open Ocean					
		Offshore					
		Nearshore					
		Great Lakes					
Chicago Captains of the Port (COTP) Zone							
Clean Harbors Environmental - 0013		Rivers/Canals	X	X	X	X	Yes
		Inland	X		X	X	
		Open Ocean					
		Offshore					
		Nearshore					
		Great Lakes			X	X	
Upper Mississippi - Formerly St. Louis Captains of the Port (COTP) Zone							
Heritage Environmental Services - 0045		Rivers/Canals	X	X	X	X	Yes
		Inland	X		X	X	
		Open Ocean					
		Offshore					
		Nearshore					
		Great Lakes					

Note[1]: The contracted OSROs listed here supply the necessary personnel and equipment to continue operation and staff an oil spill removal organization for the first 7 days of the response.

Note[2]: Classification ratings taken from the USCG's internet site www.uscg.mil/hg/g-m/nmc/response/#OSRO

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FIGURE A.3

REVISED USCG OSRO CLASSIFICATIONS

The USCG has classified OSROs according to their response capabilities, within each Captain of the Port (COTP) zone, for vessels and for facilities in four types of environments. Response capabilities are rated MM, W1, W2, or W3 as described below.

MINIMUM EQUIPMENT REQUIREMENTS FOR OSRO CLASSIFICATIONS			
Classification	**Resource Quantity Guidelines [2,3]**	**Maximum Facility Response Times**	**Maximum Vessel Response Times**
Rivers/Canals [1]			
MM	Protective Boom: 4,000*ft EDRC: 1,200 bbls TSC: 2,400 bbls	High Volume Ports: 6 hours Other Ports: 12 hours	High Volume Ports: 12 hours Other Ports: 24 hours
W1	Protective Boom: 25,000*ft EDRC: 1,875 bbls TSC: 3,750 bbls	High Volume Ports: 12 hours Other Ports: 24 hours	High Volume Ports: 12 hours Other Ports: 24 hours
W2	Protective Boom: 25,000*ft EDRC: 3,750 bbls TSC: 7,500 bbls	High Volume Ports: 30 hours Other Ports: 36 hours	High Volume Ports: 36 hours Other Ports: 48 hours
W3	Protective Boom: 25,000*ft EDRC: 7,500 bbls TSC: 15,000 bbls	High Volume Ports: 54 hours Other Ports: 60 hours	High Volume Ports: 60 hours Other Ports: 72 hours
Great Lakes			
MM	Protective Boom: 6,000*ft EDRC: 1,250 bbls TSC: 2,500 bbls	All Ports: 6 hours	All Ports: 12 hours
W1	Protective Boom: 30,000*ft EDRC: 6,250 bbls TSC: 12,500 bbls	High Volume Ports: 12 hours Other Ports: 24 hours	High Volume Ports: 12 hours Other Ports: 24 hours
W2	Protective Boom: 30,000*ft EDRC: 12,500 bbls TSC: 25,000 bbls	All Ports: 36 hours	All Ports: 42 hours
W3	Protective Boom: 30,000*ft EDRC: 25,000 bbls TSC: 50,000 bbls	All Ports: 60 hours	All Ports: 66 hours

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FIGURE A.3

REVISED USCG OSRO CLASSIFICATIONS (Cont'd)

The USCG has classified OSROs according to their response capabilities, within each Captain of the Port (COTP) zone, for vessels and for facilities in four types of environments. Response capabilities are rated MM, W1, W2, or W3 as described below.

MINIMUM EQUIPMENT REQUIREMENTS FOR OSRO CLASSIFICATIONS

Classification	Resource Quantity Guidelines [2,3]	Maximum Facility Response Times	Maximum Vessel Response Times
Inland [1]			
MM	Protective Boom: 6,000* ft EDRC: 1,200 bbls TSC: 2,400 bbls	High Volume Ports: 6 hours Other Ports: 12 hours	High Volume Ports: 12 hours Other Ports: 24 hours
W1	Protective Boom: 30,000* ft EDRC: 12,500 bbls TSC: 25,000 bbls	High Volume Ports: 12 hours Other Ports: 24 hours	High Volume Ports: 12 hours Other Ports: 24 hours
W2	Protective Boom: 30,000* ft EDRC: 25,000 bbls TSC: 50,000 bbls	High Volume Ports: 30 hours Other Ports: 36 hours	High Volume Ports: 36 hours Other Ports: 48 hours
W3	Protective Boom: 30,000* ft EDRC: 50,000 bbls TSC: 100,000 bbls	High Volume Ports: 54 hours Other Ports: 60 hours	High Volume Ports: 60 hours Other Ports: 72 hours
Nearshore			
MM	Protective Boom: 8,000* ft EDRC: 1,200 bbls TSC: 2,400 bbls	High Volume Ports: 6 hours Other Locations: 12 hours	High Volume Ports: 12 hours Other Locations: 24 hours (for open ocean, plus travel time from shore)
W1	Protective Boom: 30,000* ft EDRC: 12,500 bbls TSC: 25,000 bbls	High Volume Ports: 12 hours Other Locations: 24 hours	High Volume Ports: 12 hours Other Locations: 24 hours
W2	Protective Boom: 30,000* ft EDRC: 25,000 bbls TSC: 50,000 bbls	High Volume Ports: 30 hours Other Locations: 36 hours	High Volume Ports: 36 hours Other Locations: 48 hours
W3	Protective Boom: 30,000* ft EDRC: 50,000 bbls TSC: 100,000 bbls	High Volume Ports: 54 hours Other Locations: 60 hours (for open ocean, plus travel time from shore)	High Volume Ports: 60 hours Other Locations: 72 hours (for open ocean, plus travel time from shore)

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FIGURE A.3

OSRO CLASSIFICATIONS (Cont'd)

The USCG has classified OSROs according to their response capabilities, within each Captain of the Port (COTP) zone, for vessels and for facilities in four types of environments. Response capabilities are rated MM, W1, W2, or W3 as described below.

MINIMUM EQUIPMENT REQUIREMENTS FOR OSRO CLASSIFICATIONS

Classification	Resource Quantity Guidelines [2,3]	Maximum Facility Response Times	Maximum Vessel Response Times
Offshore			
MM	Protective Boom: 8,000* ft EDRC: 1,200 bbls TSC: 2,400 bbls	High Volume Ports: 6 hours Other Ports: 12 hours	High Volume Ports: 12 hours Other Ports: 24 hours
W1	Protective Boom: 15,000* ft EDRC: 12,500 bbls TSC: 25,000 bbls	High Volume Ports: 24 hours Other Ports: 48 hours	High Volume Ports: 24 hours Other Ports: 48 hours
W2	Protective Boom: 15,000* ft EDRC: 25,000 bbls TSC: 50,000 bbls	High Volume Ports: 30 hours Other Ports: 36 hours	High Volume Ports: 36 hours Other Ports: 48 hours
W3	Protective Boom: 15,000 ft EDRC: 50,000 bbls TSC: 100,000 bbls	High Volume Ports: 54 hours Other Ports: 60 hours	High Volume Ports: 60 hours Other Ports: 72 hours
Open Ocean			
MM	Protective Boom: 0 ft EDRC: 1,200 bbls TSC: 2,400 bbls	High Volume Ports: 6 hours Other Ports: 12 hours	High Volume Ports: 12 hours Other Ports: 24 hours
W1	Protective Boom: 0 ft EDRC: 12,500 bbls TSC: 25,000 bbls	High Volume Ports: 6 hours Other Ports: 12 hours	High Volume Ports: 12 hours Other Ports: 24 hours
W2	Protective Boom: 0 ft EDRC: 25,000 bbls TSC: 50,000 bbls	High Volume Ports: 30 hours Other Ports: 36 hours	High Volume Ports: 36 hours Other Ports: 48 hours
W3	Protective Boom: 0 ft EDRC: 50,000 bbls TSC: 100,000 bbls	High Volume Ports: 54 hours Other Ports: 60 hours	High Volume Ports: 60 hours Other Ports: 72 hours

[1] Rivers/canals include bodies of water, including the Intracoastal Waterway and other bodies artificially created for navigation, confined within an inland area and having a project depth of 12 feet (3.66 meters).

[2] EDRC stands for "effective daily recovery capacity," or the calculated recovery capacity of oil recovery devices determined by using a formula that takes into account limiting factors such as daylight, weather, sea state, and emulsified oil in the recovered material.

[3] TSC stands for "temporary storage capacity," meaning sufficient storage capacity equal to twice the EDRC of an OSRO. Temporary storage may include inflatable bladders, rubber barges, certified barge capacity, or other temporary storage that can be utilized on scene at a spill response and which is designed and intended for the storage of flammable or combustible liquids. It does not include vessels or barges of opportunity for which no pre-arrangements have been made. Fixed shore-based storage capacity, ensured available by contractor other means, will be acceptable.

* In addition, 1,000 feet of containment boom plus 300 feet per skimming system.

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FIGURE A.4

OSRO CONTRACTS

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B WORST CASE DISCHARGE ANALYSIS AND SCENARIOS

INTRODUCTION

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS Worst Case Discharge
RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS Planning Volume Calculations

RESPONSE ZONE 2 GREENVILLE AREA Worst Case Discharge
RESPONSE ZONE 2 GREENVILLE AREA Planning Volume Calculations

RESPONSE ZONE 3 GLENPOOL AREA Worst Case Discharge
RESPONSE ZONE 3 GLENPOOL AREA Planning Volume Calculations

RESPONSE ZONE 4 WOOD RIVER AREA Worst Case Discharge
RESPONSE ZONE 4 WOOD RIVER AREA Planning Volume Calculations

RESPONSE ZONE 5 HAMMOND AREA Worst Case Discharge
RESPONSE ZONE 5 HAMMOND AREA Planning Volume Calculations

RESPONSE ZONE 6 ARLINGTON AREA Worst Case Discharge
RESPONSE ZONE 6 ARLINGTON AREA Planning Volume Calculations

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INTRODUCTION

This appendix identifies potential causes for oil discharges and discusses the response efforts that are necessary for successful mitigation. Included in this appendix are hypothetical scenarios for various types of spills that have the potential to occur along the system. It is anticipated that the Company will respond to spills in a consistent manner regardless of the location. Therefore, the guidelines discussed in this appendix will apply to all spills whenever possible.

DOT/PHMSA requires that pipeline operators calculate a worst case discharge amount for each response zone. The calculations and descriptions are as follows:

DOT/PHMSA Discharge Volume Calculation

- **Worst Case Discharge**

  The largest volume (Bbls) of the following:

  - *Pipeline's maximum release time (hrs), plus the maximum shutdown response time (hrs), multiplied by the maximum flow rate (bph), plus the largest line drainage volumeafter shutdown of the line section.*

  --OR--

  - *Largest foreseeable discharge for the line section is based on the maximum historic discharge, if one exists, adjusted for any subsequent corrective action or preventive action taken.*

  --OR--

  - *Capacity of the single largest breakout tank or battery of tanks within a single secondary containment system, adjusted for the capacity or size of the secondarycontainment system.*

Scenario Types

The occurrence of a Worst Case Discharge (WCD) could be the result of any number of scenarios along the pipeline system including:

- Piping rupture.
- Piping leak, under pressure and not under pressure.
- Explosion or fire.
- Equipment failure (e.g. pumping system failure, relief valve failure, or other general equipment relevant to operational activities associated with internal or external facility transfers).

The response actions to each of these scenarios are outlined in Section 3.1 and Figure 3.1. The response resources are identified in a quick reference format in Figure 2.5. Pipeline response personnel list/telephone numbers and other internal/external resources telephone numbers are detailed in Figures 2.2 and 2.5.

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Maximum Historic Discharge

An analysis of Explorer Pipeline's 6 response zones was conducted using Worst Case Discharges (WCD) for the pipeline and tank from our spill model. Explorer Pipeline's spill model indicates the WCDs were larger than the actual historical releases, with one exception.

In 2007, Explorer purchased the Eagle Pipeline system that had been owned and operated by Sinclair from 1948 to 1970, ARCO from 1970 to 1994 and CITGO from 1994 to 2007. There was a documented release in 1956 on the 10-inch pipeline in Hill County, Texas. There were limited details from the previous owners on the details of the release that occurred over 50-years prior. However with current technology, especially remote operation capabilities, Explorer Pipeline's spill model indicates a worst case release in this same location on the 10-inch pipeline in Hill County, Texas would be 932 barrels. Therefore, the WCD for Zone 6 are current based on our spill model.

Zone 1 – In 2007 6,568 barrels was released from a 28-inch pipeline outside of Huntsville, Texas.

Zone 2 – In 2000 13,436 barrel was released from a 28-inch pipeline outside of Greenville, Texas.

Zone 3 – In 1973 42,243 barrel was released from overfilling a storage tank, but was contained in a dike in Glenpool, Oklahoma.

Zone 4 – In 2009 252 barrel was released from a pipeline launcher in Wood River, Illinois.

Zone 5 – I n 1974 3,192 barrel was released from overfilling a storage tank, but was contained in a dike in Hammond, Indiana.

Zone 6 – In 1956 3,170 barrel was released from a 10-inch pipeline from third party damage in Hill County, Texas.

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RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS

PHMSA - (b) (7)(F)

A worst case discharge for the RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS is considered to be discharge that does not exceed (b) (7)(F)

Breakout Tank Worst Case Discharge = (b) (7)(F)

Description

- Tank Fire
- Catastrophic tank shell failure

The type of material that could be discharged is Gasoline .

Volume

A worst case discharge scenario involving breakout tankage uses the single largest volume tank in the response zone, adjusted for the size of the secondary containment system. Applicable adjustment(s) for the largest tank at the Terminal, including secondary containment include:

Spill Prevention Measures	Percent Reduction Allowed
Built Repaired to API standards	10%
Testing/cathodic protection	5%
Secondary containment capacity greater than 100% capacity of tank and designed according to NFPA 30	50%

The maximum level of the largest tank Port Arthur Tank Farm allows for a maximum fill volume of (b) (7)(F)

A catastrophic discharge can originate from a line section. However, the maximum amount does not exceed the amount that could be released from the largest storage tank.

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS

Pipeline Worst Case Discharge = (b) (7)(F)

Description

The pipeline-based worst case discharge is projected as a scenario involving (b) (7)(F)

Volume

Given:

- Rate of flow
- Pipe diameter
- Control Center Shutdown Time of Pipeline
- Remote Operated Block Valve Travel Time
- Manual Operated Block Valve Response Time

The pipeline profile is modeled as a series of distance-elevation node points. Associated with each node is a node type code, which indicates that the node represents only a significant elevation point or diameter change, or is the location of a check or block valve. For a complete line rupture at a specified location, the resulting drainage and drainage time are calculated.

Starting at the release, the pressure gradient to the farthest upstream or downstream node is calculated. If the gradient is negative, the drain rate for the node under consideration is set to zero. If the gradient is positive, the corresponding pressure is calculated at each node between the release and the node under consideration. If the pressure at any of these intervening nodes is too low to support a siphon (less than the liquid vapor pressure), the node controlling the drain rate is determined. After the correct gradient is found the corresponding drain rate is calculated using the Bernoulli and Fanning equations.

Taken from *Spill Model User's Guide* , P.R. Nichols (April 1987), Revised by G.A. Manney (January 2002)

Response Requirement

The Company has identified sufficient response resources, by contract or other approved means, to respond to a worst case discharge to the maximum extent practicable. These response resources include:

- Resources capable of arriving at the staging area within the applicable response tier requirements for high volume areas (Tier 1 = 6 hours; Tier 2 = 30 hours; Tier 3 = 54 hours).
- Resources capable of oil recovery in inclement weather conditions (i.e. heavy rain, snow, ice).

Notes:

- Contracted and Company owned equipment and manpower resources are detailed in Figure 2.5 and Appendix A.

- Telephone references are provided in Figures 2.2 and 2.5.

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS RESPONSE ZONE
Response Planning Volume Calculations

Location Data			
Location Type			River/Canal
DOT - Area Type			high volume
WCD Product Type			Gasoline
Product Group			2
Discharge Volume/Calculations			
Worst Case Discharge - Based on PHMSA criteria (bbls)			(b) (7)
Selected Calculation Factors (Based on EPA Tables)			
Removal Capacity Planning Volume - Percent Natural Dissipation			40%
Removal Capacity Planning Volume - Percent Recovered Floating Oil			15%
Removal Capacity Planning Volume - Percent Oil Onshore			45%
Emulsification Factor			1.8
Tier 1 - On Water Oil Recovery Resource Mobilization Factor			30%
Tier 2 - On Water Oil Recovery Resource Mobilization Factor			40%
Tier 3 - On Water Oil Recovery Resource Mobilization Factor			60%
Response Planning Volume Calculation			
On-Water Recovery Volume (bbls)			9,398
On-Shore Recovery Volume (bbls)			28,193
Total Recovery Volume (bbls)			50,747
	Tier 1	Tier 2	Tier 3
On-Water Recovery Cpcty (bbls/day)	5,075	6,766	10,149
Shallow Water Resp Cpblty (bbls/day)	1,015	1,353	2,030
Storage Capacity (bbls/day)	10,149	13,532	20,299
On-Water Response Caps (bbls/day)	1,875	3,750	7,500
Additional Response Req'd (bbls/day)	3,200	3,016	2,649
Response Time (hrs)	6	30	54

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 2 GREENVILLE AREA

PHMSA - Worst Case Discharge = (b) (7)

A worst case discharge for the RESPONSE ZONE 2 GREENVILLE AREA is considered to be discharge that does not exceed (b) (7)(F)

Breakout Tank Worst Case Discharge = (b) (7)(F)

Description

- Tank Fire
- Catastrophic tank shell failure

The type of material that could be discharged is Diesel .

Volume

A worst case discharge scenario involving breakout tankage uses the single largest volume tank in the response zone, adjusted for the size of the secondary containment system. Applicable adjustment(s) for the largest tank at the Terminal, including secondary containment include:

Spill Prevention Measures	Percent Reduction Allowed
Built Repaired to API standards	10%
Testing/cathodic protection	5%
Secondary containment capacity greater than 100% capacity of tank and designed according to NFPA 30	50%

The maximum level of the largest tank Greenville Tank Farm allows for a maximum fill volume of (b) (7) (F)

A catastrophic discharge can originate from a line section. However, the maximum amount does not exceed the amount that could be released from the largest storage tank.

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 2 GREENVILLE AREA

Pipeline Worst Case Discharge = (b) (7)(F)

Description

The pipeline-based worst case discharge is projected as a scenario involving (b) (7)(F)

Volume

Given:

- Rate of flow
- Pipe diameter
- Control Center Shutdown Time of Pipeline
- Remote Operated Block Valve Travel Time
- Manual Operated Block Valve Response Time

The pipeline profile is modeled as a series of distance-elevation node points. Associated with each node is a node type code, which indicates that the node represents only a significant elevation point or diameter change, or is the location of a check or block valve. For a complete line rupture at a specified location, the resulting drainage and drainage time are calculated.

Starting at the release, the pressure gradient to the farthest upstream or downstream node is calculated. If the gradient is negative, the drain rate for the node under consideration is set to zero. If the gradient is positive, the corresponding pressure is calculated at each node between the release and the node under consideration. If the pressure at any of these intervening nodes is too low to support a siphon (less than the liquid vapor pressure), the node controlling the drain rate is determined. After the correct gradient is found the corresponding drain rate is calculated using the Bernoulli and Fanning equations.

Taken from *Spill Model User's Guide* , P.R. Nichols (April 1987), Revised by G.A. Manney (January 2002)

Response Requirement

The Company has identified sufficient response resources, by contract or other approved means, to respond to a worst case discharge to the maximum extent practicable. These response resources include:

- Resources capable of arriving at the staging area within the applicable response tier requirements for high volume areas (Tier 1 = 6 hours; Tier 2 = 30 hours; Tier 3 = 54 hours).
- Resources capable of oil recovery in inclement weather conditions (i.e. heavy rain, snow, ice).

Notes:

- Contracted and Company owned equipment and manpower resources are detailed in Figure 2.5 and Appendix A.

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- Telephone references are provided in Figures 2.2 and 2.5.

RESPONSE ZONE 2 GREENVILLE AREA RESPONSE ZONE
Response Planning Volume Calculations

Location Data			
Location Type			Inland/Near Shore
DOT - Area Type			high volume
WCD Product Type			Diesel
Product Group			2
Discharge Volume/Calculations			
Worst Case Discharge - Based on PHMSA criteria (bbls)			(b) (7)
Selected Calculation Factors (Based on EPA Tables)			
Removal Capacity Planning Volume - Percent Natural Dissipation			50%
Removal Capacity Planning Volume - Percent Recovered Floating Oil			50%
Removal Capacity Planning Volume - Percent Oil Onshore			30%
Emulsification Factor			1.8
Tier 1 - On Water Oil Recovery Resource Mobilization Factor			15%
Tier 2 - On Water Oil Recovery Resource Mobilization Factor			25%
Tier 3 - On Water Oil Recovery Resource Mobilization Factor			40%
Response Planning Volume Calculation			
On-Water Recovery Volume (bbls)			37,275
On-Shore Recovery Volume (bbls)			22,365
Total Recovery Volume (bbls)			40,257
	Tier 1	Tier 2	Tier 3
On-Water Recovery Cpcty (bbls/day)	10,064	16,774	26,838
Shallow Water Resp Cpblty (bbls/day)	2,013	3,355	5,368
Storage Capacity (bbls/day)	20,129	33,548	53,676
On-Water Response Caps (bbls/day)	12,500	25,000	50,000
Additional Response Req'd (bbls/day)	0	0	0
Response Time (hrs)	6	30	54

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 3 GLENPOOL AREA

PHMSA - Worst Case Discharge = (b) (7)

A worst case discharge for the RESPONSE ZONE 3 GLENPOOL AREA is considered to be discharge that does not exceed (b) (7)(F)

Breakout Tank Worst Case Discharge = (b) (7)(F)

Description

- Tank Fire
- Catastrophic tank shell failure

The type of material that could be discharged is Gasoline .

Volume

A worst case discharge scenario involving breakout tankage uses the single largest volume tank in the response zone, adjusted for the size of the secondary containment system. Applicable adjustment(s) for the largest tank at the Terminal, including secondary containment include:

Spill Prevention Measures	Percent Reduction Allowed
Built Repaired to API standards	10%
Testing/cathodic protection	5%
Secondary containment capacity greater than 100% capacity of tank and designed according to NFPA 30	50%

The maximum level of the largest tank Glenpool Tank Farm allows for a maximum fill volume of (b) (7) (F)

A catastrophic discharge can originate from a line section. However, the maximum amount does not exceed the amount that could be released from the largest storage tank.

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 3 GLENPOOL AREA

Pipeline Worst Case Discharge = (b) (7)(F)

Description

The pipeline-based worst case discharge is projected as a scenario involving (b) (7)(F) [redacted]

Volume

Given:

- Rate of flow
- Pipe diameter
- Control Center Shutdown Time of Pipeline
- Remote Operated Block Valve Travel Time
- Manual Operated Block Valve Response Time

The pipeline profile is modeled as a series of distance-elevation node points. Associated with each node is a node type code, which indicates that the node represents only a significant elevation point or diameter change, or is the location of a check or block valve. For a complete line rupture at a specified location, the resulting drainage and drainage time are calculated.

Starting at the release, the pressure gradient to the farthest upstream or downstream node is calculated. If the gradient is negative, the drain rate for the node under consideration is set to zero. If the gradient is positive, the corresponding pressure is calculated at each node between the release and the node under consideration. If the pressure at any of these intervening nodes is too low to support a siphon (less than the liquid vapor pressure), the node controlling the drain rate is determined. After the correct gradient is found the corresponding drain rate is calculated using the Bernoulli and Fanning equations.

Taken from *Spill Model User's Guide* , P.R. Nichols (April 1987), Revised by G.A. Manney (January 2002)

Response Requirement

The Company has identified sufficient response resources, by contract or other approved means, to respond to a worst case discharge to the maximum extent practicable. These response resources include:

- Resources capable of arriving at the staging area within the applicable response tier requirements for high volume areas (Tier 1 = 6 hours; Tier 2 = 30 hours; Tier 3 = 54 hours).
- Resources capable of oil recovery in inclement weather conditions (i.e. heavy rain, snow, ice).

Notes:

- Contracted and Company owned equipment and manpower resources are detailed in Figure 2.5 and Appendix A.

- Telephone references are provided in Figures 2.2 and 2.5.

RESPONSE ZONE 3 GLENPOOL AREA RESPONSE ZONE
Response Planning Volume Calculations

Location Data			
Location Type			Inland/Near Shore
DOT - Area Type			high volume
WCD Product Type			Gasoline
Product Group			2
Discharge Volume/Calculations			
Worst Case Discharge - Based on PHMSA criteria (bbls)			(b) (7)
Selected Calculation Factors (Based on EPA Tables)			
Removal Capacity Planning Volume - Percent Natural Dissipation			50%
Removal Capacity Planning Volume - Percent Recovered Floating Oil			50%
Removal Capacity Planning Volume - Percent Oil Onshore			30%
Emulsification Factor			1.8
Tier 1 - On Water Oil Recovery Resource Mobilization Factor			15%
Tier 2 - On Water Oil Recovery Resource Mobilization Factor			25%
Tier 3 - On Water Oil Recovery Resource Mobilization Factor			40%
Response Planning Volume Calculation			
On-Water Recovery Volume (bbls)			56,700
On-Shore Recovery Volume (bbls)			34,020
Total Recovery Volume (bbls)			61,236
	Tier 1	Tier 2	Tier 3
On-Water Recovery Cpcty (bbls/day)	15,309	25,515	40,824
Shallow Water Resp Cpblty (bbls/day)	3,062	5,103	8,165
Storage Capacity (bbls/day)	30,618	51,030	81,648
On-Water Response Caps (bbls/day)	12,500	25,000	50,000
Additional Response Req'd (bbls/day)	2,809	515	0
Response Time (hrs)	6	30	54

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 4 WOOD RIVER AREA

PHMSA - Worst Case Discharge =(b) (7)

A worst case discharge for the RESPONSE ZONE 4 WOOD RIVER AREA is considered to be (b) (7)(F) [redacted].

Breakout Tank Worst Case Discharge = (b) (7)(F)

Description

- Tank Fire
- Catastrophic tank shell failure

The type of material that could be discharged is Gasoline .

Volume

A worst case discharge scenario involving breakout tankage uses the single largest volume tank in the response zone, adjusted for the size of the secondary containment system. Applicable adjustment(s) for the largest tank at the Terminal, including secondary containment include:

Spill Prevention Measures	Percent Reduction Allowed
Built Repaired to API standards	10%
Testing/cathodic protection	5%
Secondary containment capacity greater than 100% capacity of tank and designed according to NFPA 30	50%

The maximum level of the largest tank Wood River Tank Farm allows for a (b) (7)(F) [redacted]

A catastrophic discharge can originate from a line section. However, the maximum amount does not exceed the amount that could be released from the largest storage tank.

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 4 WOOD RIVER AREA

Pipeline Worst Case Discharge = (b) (7)(F)

Description

The pipeline-based worst case discharge is projected as a scenario involving (b) (7)(F)

Volume

Given:

- Rate of flow
- Pipe diameter
- Control Center Shutdown Time of Pipeline
- Remote Operated Block Valve Travel Time
- Manual Operated Block Valve Response Time

The pipeline profile is modeled as a series of distance-elevation node points. Associated with each node is a node type code, which indicates that the node represents only a significant elevation point or diameter change, or is the location of a check or block valve. For a complete line rupture at a specified location, the resulting drainage and drainage time are calculated.

Starting at the release, the pressure gradient to the farthest upstream or downstream node is calculated. If the gradient is negative, the drain rate for the node under consideration is set to zero. If the gradient is positive, the corresponding pressure is calculated at each node between the release and the node under consideration. If the pressure at any of these intervening nodes is too low to support a siphon (less than the liquid vapor pressure), the node controlling the drain rate is determined. After the correct gradient is found the corresponding drain rate is calculated using the Bernoulli and Fanning equations.

Taken from *Spill Model User's Guide* , P.R. Nichols (April 1987), Revised by G.A. Manney (January 2002)

Response Requirement

The Company has identified sufficient response resources, by contract or other approved means, to respond to a worst case discharge to the maximum extent practicable. These response resources include:

- Resources capable of arriving at the staging area within the applicable response tier requirements for non-high volume areas (Tier 1 = 12 hours; Tier 2 = 36 hours; Tier 3 = 60 hours).
- Resources capable of oil recovery in inclement weather conditions (i.e. heavy rain, snow, ice).

Notes:

- Contracted and Company owned equipment and manpower resources are detailed in Figure 2.5 and Appendix A.

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- Telephone references are provided in Figures 2.2 and 2.5.

RESPONSE ZONE 4 WOOD RIVER AREA RESPONSE ZONE
Response Planning Volume Calculations

Location Data			
Location Type			River/Canal
DOT - Area Type			non-high volume
WCD Product Type			Gasoline
Product Group			2
Discharge Volume/Calculations			
Worst Case Discharge - Based on PHMSA criteria (bbls)			(b) (7)
Selected Calculation Factors (Based on EPA Tables)			
Removal Capacity Planning Volume - Percent Natural Dissipation			40%
Removal Capacity Planning Volume - Percent Recovered Floating Oil			15%
Removal Capacity Planning Volume - Percent Oil Onshore			45%
Emulsification Factor			1.8
Tier 1 - On Water Oil Recovery Resource Mobilization Factor			30%
Tier 2 - On Water Oil Recovery Resource Mobilization Factor			40%
Tier 3 - On Water Oil Recovery Resource Mobilization Factor			60%
Response Planning Volume Calculation			
On-Water Recovery Volume (bbls)			9,450
On-Shore Recovery Volume (bbls)			28,350
Total Recovery Volume (bbls)			51,030
	Tier 1	Tier 2	Tier 3
On-Water Recovery Cpcty (bbls/day)	5,103	6,804	10,206
Shallow Water Resp Cpblty (bbls/day)	1,021	1,361	2,041
Storage Capacity (bbls/day)	10,206	13,608	20,412
On-Water Response Caps (bbls/day)	1,875	3,750	7,500
Additional Response Req'd (bbls/day)	3,228	3,054	2,706
Response Time (hrs)	12	36	60

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 5 HAMMOND AREA

PHMSA - Worst Case Discharge = (b) (7)

A worst case discharge for the (b) (7)(F) [redacted].

Breakout Tank Worst Case Discharge = (b) (7)(F)

Description

- Tank Fire
- Catastrophic tank shell failure

The type of material that could be discharged is Gasoline .

Volume

A worst case discharge scenario involving breakout tankage uses the single largest volume tank in the response zone, adjusted for the size of the secondary containment system. Applicable adjustment(s) for the largest tank at the Terminal, including secondary containment include:

Spill Prevention Measures	Percent Reduction Allowed
Built Repaired to API standards	10%
Testing/cathodic protection	5%
Secondary containment capacity greater than 100% capacity of tank and designed according to NFPA 30	50%

The maximum level of the largest tank Hammond Tank Farm allows for a (b) (7)(F) [redacted].

A catastrophic discharge can originate from a line section. However, the maximum amount does not exceed the amount that could be released from the largest storage tank.

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 5 HAMMOND AREA

Pipeline Worst Case Discharge = (b) (7)(F)

Description

The pipeline-based worst case discharge is projected as a scenario involving (b) (7)(F) .

Volume

Given:

- Rate of flow
- Pipe diameter
- Control Center Shutdown Time of Pipeline
- Remote Operated Block Valve Travel Time
- Manual Operated Block Valve Response Time

The pipeline profile is modeled as a series of distance-elevation node points. Associated with each node is a node type code, which indicates that the node represents only a significant elevation point or diameter change, or is the location of a check or block valve. For a complete line rupture at a specified location, the resulting drainage and drainage time are calculated.

Starting at the release, the pressure gradient to the farthest upstream or downstream node is calculated. If the gradient is negative, the drain rate for the node under consideration is set to zero. If the gradient is positive, the corresponding pressure is calculated at each node between the release and the node under consideration. If the pressure at any of these intervening nodes is too low to support a siphon (less than the liquid vapor pressure), the node controlling the drain rate is determined. After the correct gradient is found the corresponding drain rate is calculated using the Bernoulli and Fanning equations.

Taken from *Spill Model User's Guide* , P.R. Nichols (April 1987), Revised by G.A. Manney (January 2002)

Response Requirement

The Company has identified sufficient response resources, by contract or other approved means, to respond to a worst case discharge to the maximum extent practicable. These response resources include:

- Resources capable of arriving at the staging area within the applicable response tier requirements for non-high volume areas (Tier 1 = 12 hours; Tier 2 = 36 hours; Tier 3 = 60 hours).
- Resources capable of oil recovery in inclement weather conditions (i.e. heavy rain, snow, ice).

Notes:

- Contracted and Company owned equipment and manpower resources are detailed in Figure 2.5 and Appendix A.

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- Telephone references are provided in Figures 2.2 and 2.5.

RESPONSE ZONE 5 HAMMOND AREA RESPONSE ZONE
Response Planning Volume Calculations

Location Data			
Location Type			River/Canal
DOT - Area Type			non-high volume
WCD Product Type			Gasoline
Product Group			2
Discharge Volume/Calculations			
Worst Case Discharge - Based on PHMSA criteria (bbls)			(b) (7)
Selected Calculation Factors (Based on EPA Tables)			
Removal Capacity Planning Volume - Percent Natural Dissipation			40%
Removal Capacity Planning Volume - Percent Recovered Floating Oil			15%
Removal Capacity Planning Volume - Percent Oil Onshore			45%
Emulsification Factor			1.8
Tier 1 - On Water Oil Recovery Resource Mobilization Factor			30%
Tier 2 - On Water Oil Recovery Resource Mobilization Factor			40%
Tier 3 - On Water Oil Recovery Resource Mobilization Factor			60%
Response Planning Volume Calculation			
On-Water Recovery Volume (bbls)			11,183
On-Shore Recovery Volume (bbls)			33,548
Total Recovery Volume (bbls)			60,386
	Tier 1	Tier 2	Tier 3
On-Water Recovery Cpcty (bbls/day)	6,039	8,051	12,077
Shallow Water Resp Cpblty (bbls/day)	1,208	1,610	2,415
Storage Capacity (bbls/day)	12,077	16,103	24,154
On-Water Response Caps (bbls/day)	1,875	3,750	7,500
Additional Response Req'd (bbls/day)	4,164	4,301	4,577
Response Time (hrs)	12	36	60

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 6 ARLINGTON AREA

PHMSA - Worst Case Discharge = (b) (7)

A worst case discharge for the RESPONSE ZONE 6 (b) (7)(F) .

Breakout Tank Worst Case Discharge = (b) (7)(F)

Description

- Tank Fire
- Catastrophic tank shell failure

The type of material that could be discharged is Refined Products .

Volume

A worst case discharge scenario involving breakout tankage uses the single largest volume tank in the response zone, adjusted for the size of the secondary containment system. Applicable adjustment(s) for the largest tank at the Terminal, including secondary containment include:

Spill Prevention Measures	Percent Reduction Allowed

The maximum level of the largest tank Arlington allows for a maximum fill volume of (b) (7)(F) .

A catastrophic discharge can originate from a line section. However, the maximum amount does not exceed the amount that could be released from the largest storage tank.

RESPONSE CAPABILITY SCENARIOS

RESPONSE ZONE 6 ARLINGTON AREA

Pipeline Worst Case Discharge = (b) (7)(F)

Description

The pipeline-based worst case discharge is projected as a scenario (b) (7)(F)

Volume

Given:

- Rate of flow
- Pipe diameter
- Control Center Shutdown Time of Pipeline
- Remote Operated Block Valve Travel Time
- Manual Operated Block Valve Response Time

The pipeline profile is modeled as a series of distance-elevation node points. Associated with each node is a node type code, which indicates that the node represents only a significant elevation point or diameter change, or is the location of a check or block valve. For a complete line rupture at a specified location, the resulting drainage and drainage time are calculated.

Starting at the release, the pressure gradient to the farthest upstream or downstream node is calculated. If the gradient is negative, the drain rate for the node under consideration is set to zero. If the gradient is positive, the corresponding pressure is calculated at each node between the release and the node under consideration. If the pressure at any of these intervening nodes is too low to support a siphon (less than the liquid vapor pressure), the node controlling the drain rate is determined. After the correct gradient is found the corresponding drain rate is calculated using the Bernoulli and Fanning equations.

Taken from *Spill Model User's Guide* , P.R. Nichols (April 1987), Revised by G.A. Manney (January 2002)

Response Requirement

The Company has identified sufficient response resources, by contract or other approved means, to respond to a worst case discharge to the maximum extent practicable. These response resources include:

- Resources capable of arriving at the staging area within the applicable response tier requirements for high volume areas (Tier 1 = 6 hours; Tier 2 = 30 hours; Tier 3 = 54 hours).
- Resources capable of oil recovery in inclement weather conditions (i.e. heavy rain, snow, ice).

Notes:

- Contracted and Company owned equipment and manpower resources are detailed in Figure 2.5 and Appendix A.

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- Telephone references are provided in Figures 2.2 and 2.5.

RESPONSE ZONE 6 ARLINGTON AREA RESPONSE ZONE
Response Planning Volume Calculations

Location Data			
Location Type			River/Canal
DOT - Area Type			high volume
WCD Product Type			Refined Products
Product Group			2
Discharge Volume/Calculations			
Worst Case Discharge - Based on PHMSA criteria (bbls)			(b) (7)
Selected Calculation Factors (Based on EPA Tables)			
Removal Capacity Planning Volume - Percent Natural Dissipation			40%
Removal Capacity Planning Volume - Percent Recovered Floating Oil			15%
Removal Capacity Planning Volume - Percent Oil Onshore			45%
Emulsification Factor			1.8
Tier 1 - On Water Oil Recovery Resource Mobilization Factor			30%
Tier 2 - On Water Oil Recovery Resource Mobilization Factor			40%
Tier 3 - On Water Oil Recovery Resource Mobilization Factor			60%
Response Planning Volume Calculation			
On-Water Recovery Volume (bbls)			12,000
On-Shore Recovery Volume (bbls)			36,000
Total Recovery Volume (bbls)			64,800
	Tier 1	Tier 2	Tier 3
On-Water Recovery Cpcty (bbls/day)	6,480	8,640	12,960
Shallow Water Resp Cpblty (bbls/day)	1,296	1,728	2,592
Storage Capacity (bbls/day)	12,960	17,280	25,920
On-Water Response Caps (bbls/day)	1,875	3,750	7,500
Additional Response Req'd (bbls/day)	4,605	4,890	5,460
Response Time (hrs)	6	30	54

C EMERGENCY PRE-PLANNING

C.1 Leak Detection Systems

C.2 Discharge Prevention Systems

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EMERGENCY PRE-PLANNING

Leak detection and discharge prevention is accomplished through safe operating procedures and maintenance procedures outlined in the Company Operations and Maintenance (O&M) Manual. The Company O&M Manual is designed to meet the requirements found in Title 49, Code of Federal Regulations, Part 195, Transportation of Hazardous Liquids by Pipeline.

C.1 LEAK DETECTION SYSTEMS

Leak detection systems utilized along the pipeline include:

(b) (7)(F)

C.2 DISCHARGE PREVENTION SYSTEMS

Pipeline pump stations and breakout tank farms are designed in a manner that maximizes the containment of leaks on-site and deters the migration of leaks off-site. Discharge prevention is accomplished through the following measures:

- Breakout storage tanks are provided secondary containment (berms) large enough to withhold the capacity, of the tank or capacity of the largest single tank located in the berm, plus freeboard for precipitation.
- Berms are installed with manual operating, open-and-closed design valves to prevent the outward flow of stormwater or leaks from the berm area.
- Various retention ponds, drainage ditches, swales, etc. are used to help contain leaks and prevent off-site migration.
- Pipelines, terminals, tanks and related structures have grounding systems to reduce the possibility of accidental ignition due to lightning.

(b) (7)(F)

- Discharge prevention is also accomplished through the use of general housekeeping procedures and leak inspection systems.

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- Remote pump stations are equipped with vapor monitors.

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APPENDIX D

TRAINING AND DRILLS

D.1 Response Team Training

Oil Spill Response Plan Review
HAZWOPER (29 CFR 1910.120)
Incident Command System
Training Records
Training Records Maintenance
Contractor Training
Training Qualifications

D.2 Response Team Exercises

Quarterly QI Notification Exercise
Annual Equipment Deployment Exercise
Annual Response Team Tabletop Exercise
Government-Initiated Unannounced Exercise
Area Exercises
Exercise Documentation

D.3 Purpose of Review and Evaluation

Outline of Review
Detection
Notification
Assessment/Evaluation
Mobilization
Response - Strategy
Response - Resources Used
Response - Effectiveness
Command Structure
Measurement
Government Relations
Public Relations

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D.1 RESPONSE TEAM TRAINING

The Company provides training related to discharge prevention, testing and response, including measures to repair pipeline ruptures and mitigate discharges. The training methods address oil discharges from the pipeline from several perspectives: human health and safety, rupture control and repair operations, pollution control, and overall management of the emergency.

The competency of each training program is closely monitored by the Training Section through observation of and/or participation in actual training sessions.

Through the various training methods described below The Company's training program is intended to ensure the following results:

That all personnel know:

- Their responsibilities under the Plan.
- The name, address and procedures for contacting the operator on a 24-hour basis.
- The name of, and procedures for contacting the Qualified Individual on a 24-hour basis.

That all reporting personnel know:

- The pipelines and response zone details for the affected area (Response Zones Annexes).
- The telephone number of the National Response Center and other required notifications (Section 2.0).
- The notification process. (Section 2.0).

That all response personnel know:

- The characteristics and hazards of the oil discharged (Section 3.0 and Appendix H - MSDS).
- The conditions that is likely to worsen emergencies, including the consequences of pipeline malfunctions, and the appropriate corrective actions.
- The steps necessary to control any accidental discharge of oil and to minimize the potential for fire, explosion, toxicity or environmental damage (Section 3.0).
- The proper firefighting procedures and use of equipment, fire suits, and breathing apparatus (Section 3.0). Only trained persons will be utilized. Explorer personnel are only trained on the use of Ansul 30# units for small incipent fires.

Oil Spill Response Plan Review

All Response Team Members should review their Oil Spill Response Plan whenever their job position or responsibilities change under the Plan. A copy of this Plan will be available at all times to Team Members.

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D.1 RESPONSE TEAM TRAINING (Cont'd)

HAZWOPER (29 CFR 1910.120)

Federal and state regulations require that response team members maintain up-to-date HAZWOPER training necessary to function in their assigned positions. At a minimum, team members will receive "First Responder Awareness Level" training. All personnel responding to an incident must satisfy the applicable HAZWOPER training requirements of 29 CFR 1910.120.

OSHA HAZWOPER TRAINING REQUIREMENTS		
Responder Classification	**Required Training Hours**	**Refresher**
29CFR 1910.120(q) Emergency Response		
First Responder - Awareness Level	2-4 hrs demonstration of competency	same
First Responder - Operations Level	8 hrs	8 hrs
Hazardous Materials Technician	24 hrs plus competency	8 hrs
Hazardous Materials Specialist	24 hrs plus competency in specialized areas	8 hrs
Incident Commander	24 hrs plus competency	8 hrs
29CFR 1910.120(e) Clean Up Sites		
General Site Workers	40 hrs / 3 days on the job training	8 hrs
Occasional Workers (Limited Tasks)	24 hrs / 1 day on the job training	8 hrs
General Site Workers (Low Hazard)	24 hrs / 1 day on the job training	8 hrs
Supervisors	8 hrs supervisor training	8 hrs

* Previous work experience and/or training certified as equivalent by employer.

Incident Command System

Response team members will receive ICS training and may also receive supplemental training in other related general topics.

Training Records

Training records for local team members will be maintained at the Pipeline Office according to Federal, state, and local government requirements (three (3) years for the U.S. Coast Guard and five (5) years for the U.S. Environmental Protection Agency and Department of Transportation), and as long as team members are assigned duties under this Plan for DOT/PHMSA.

Training Records Maintenance

Emergency response training records are maintained at the Company's Tulsa Office. Training records for response personnel will be maintained for as long as personnel have duties in this response plan.

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Appendix D

D.1 RESPONSE TEAM TRAINING (Cont'd)

Contractor Training

The Company also recognizes that contract personnel must also have sufficient training to respond emergency response situations. The Company communicates this training need to its key contractors during contract negotiations and often specifically spells out this requirement in its contracts. The Company also tends to use well-known spill response contractors whose reputation and experience levels help ensure personnel who respond will be trained to appropriate levels.

Training Qualifications

As no formalized method of certifying training instructors has been provided by OSHA, the Company ensures the competency of its instructors and training organizations by selecting trainers and/or organizations with professional reputations and extensive hands-on and classroom experience in their subject matter. The Company personnel with responsibility to coordinate the training program also conduct periodic informal audits of training courses selected for The Company training program to ensure their suitability for the program.

D.2 RESPONSE TEAM EXERCISES

Local/Spill Management Team members, government agencies, contractors, and other resources must participate in response exercises required by Federal, state, or local regulations and as detailed in the "National Preparedness for Response Exercise Program (PREP) Guidelines." The Company (through the HS&E Specialist) will conduct announced and unannounced drills to maintain compliance, and each plan-holder must participate in at least one exercise annually. The following table lists the triennial exercise cycle for facilities (see PREP Guidelines for full details).

TRIENNIAL CYCLE		
Total Number	**Frequency**	**Exercise Type/Description**
12	Quarterly	QI Notification Exercise
3	Annual	Equipment Deployment Exercise *(Facility-owned equipment)*
3	Annual	Response Team Tabletop Exercise
3	Annual	Equipment Deployment Exercise *(facilities with OSRO-owned equipment)*
3	3 per Triennial Cycle	Unannounced Exercise *(not a separate exercise)* Actual response can be considered as an unannounced exercise. Credit can also be given for unannounced equipment deployment and Response Team exercises.

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NOTES: 1) All response plan components must be exercised at least once in the Cycle.
2) TGLO Regulated facilities shall contact TGLO during annual Tabletop Exercise.
3) Triennial Cycle is completed for each Response Zone.

D.2 RESPONSE TEAM EXERCISES (Cont'd)

Quarterly QI Notification Exercise

- **Scope:** Exercise communication between pipeline personnel and the QI(s) and/or designated alternate(s). At least once each year, one of the notification exercises should be conducted during non-business hours.

- **Objective:** Contact must be made with a QI or designated alternate, as identified in the Plan.

- **General:** All personnel receiving notification shall respond to the notification and verify their receipt of the notification. Personnel who do not respond should be contacted to determine whether or not they received the notification.

Annual Equipment Deployment Exercise (for operator and/or OSRO equipment)

- **Scope:**Demonstrate ability to deploy spill response equipment identified in the OSRP.
  - May consist entirely of operator owned equipment, or a combination of OSRO and operator equipment.
  - The number of equipment deployment exercises conducted should be such that equipment and personnel assigned to each response zone are exercised at least one a year. If the same personnel and equipment respond to multiple zones, they need only exercise once per year. If different personnel and equipment response to various response zones, each must participate in an annual equipment deployment exercise.

- **Objective:**Demonstrate personnel's ability to deploy and operate response equipment. Ensure that the response equipment is in proper working order.

- **General:**The Facility may take credit for actual equipment deployment to a spill, or for training sessions, as long as the activities are properly documented.

Annual Response Team Tabletop Exercise

- **Scope:** Exercise the response team's organization, communication, and decision- making in managing a spill response. Each team identified within the plan must conduct an annual Response Team Tabletop Exercise.

- **Objective:** Exercise the response team in a review of the following:
  - Knowledge of the Plan.
  - Proper notifications.
  - Communications system.
  - Ability to access an OSRO.
  - Coordination of internal spill response personnel.

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- Review of the transition from a local team to a regional team.

D.2 RESPONSE TEAM EXERCISES (Cont'd)

Annual Response Team Tabletop Exercise (Cont'd)

- Ability to effectively coordinate response activity with the National Response System (NRS) Infrastructure.
- Ability to access information in the Area Contingency Plan.

- **General:** A minimum of one Response Team Tabletop Exercise in a triennial cycle will involve a Worst-Case Discharge scenario.

Government-Initiated Unannounced Exercise

- **Scope:**Demonstrate ability to respond to a worst case discharge spill event.

- **Objective:** Designated emergency response team members should demonstrate adequate knowledge of their Response Plan and the ability to organize, communicate, coordinate, and respond in accordance with that plan.

- **General:** Maximum of 20 unannounced PHMSA exercises conducted annually for the pipeline industry as a whole. A single owner or operator will not be required to participate in a PHMSA-initiated unannounced exercise, if they have already participated in one within the previous 36 months.

Area Exercises

- **Objective:** The purpose of the area exercise is to exercise the entire response community in a particular area. An area is defined as "that geographic area for which a separate and distinct Area Contingency Plan has been prepared, as described in OPA 90." The response community includes the federal, state, and local government and industry. The area exercises are designed to exercise the government and industry interface for spill response.

- **General:**The goal is to ensure that all areas of the country are exercised triennially. All of the area exercises will be developed by an exercise design team. The exercise design team is comprised of representatives from the federal, state, and local government and industry. A lead plan holder would lead each area exercise. The lead plan holder is the organization (government or industry) that holds the primary plan that is exercised in the area exercise. The lead plan holder would have the final word on designing the scope and scenario of the exercise.

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D.2 RESPONSE TEAM EXERCISES (Cont'd)

Exercise Documentation

- All exercises should be documented and maintained at the Region Office; documentation should specify:
  - The type of exercise;
  - Date and time of the exercise;
  - A description of the exercise;
  - The objectives met in the exercise;
  - The components of the response plan exercised; and
  - Lessons learned.
- Exercise documentation should be kept on file for the required length of time depending on the regulating agency (three (3) years for the U.S. Coast Guard and five (5) years for the Pipeline and Hazardous Materials Safety Administration and the U.S. Environmental Protection Agency).

D.3 PURPOSE OF REVIEW AND EVALUATION

This section provides procedures and information useful to responders for post incident/exercise review and evaluation. Post incident/exercise reviews should be conducted in a timely manner following an incident/exercise. The Plan should be evaluated to determine its usefulness during the incident/exercise and appropriate revisions should be made. All incident/exercise documentation should be included in the Plan evaluation process.

Outline of Review

Given below are items a team composed of outside people knowledgeable in spill response and key members of the response teams should examine. These questions are intended as guidelines only; many other questions are likely to be appropriate at each stage of a critique.

- ***Detection***
  - Was the spill detected promptly?
  - How was it detected?
  - By whom?
  - Could it have been detected earlier? How?
  - Are any instruments or procedures available to consider which might aid in spill detection?

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D.3 PURPOSE OF REVIEW AND EVALUATION (Cont'd)

Outline of Review (Cont'd)

- ***Notification***
  - Were proper procedures followed in notifying government agencies? Were notifications prompt?
  - Was management notified promptly?
  - Was management response appropriate?
  - Was the Pipeline owner/operator notified promptly? If so, why, how, and who? If not, why not?
- ***Assessment/Evaluation***
  - Was the magnitude of the problem assessed correctly at the start?
  - What means were used for the assessment?
  - Are any guides or aids needed to assist spill evaluation?
  - What sources of information were available on winds and on water currents?
  - Is our information adequate?
  - Was this information useful (and used) for spill trajectory forecasts? Were such forecasts realistic?
  - Do we have adequate information on product properties?
  - Do we need additional information on changes of product properties with time, i.e., as a result of weathering and other processes?
- ***Mobilization***
  - What steps were taken to mobilize spill countermeasures?
  - What resources were used?
  - Was mobilization prompt?

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D.3 PURPOSE OF REVIEW AND EVALUATION (Cont'd)

- ***Mobilization (Cont'd)***

  - Could it have been speeded up or should it have been?
  - What about mobilization of manpower resources?
  - Was the local spill cooperative used appropriately?
  - How could this be improved?
  - Was it appropriate to mobilize the Pipeline owner/operator resources and was this promptly initiated?
  - What other corporate resources are available and have they been identified and used adequately?

- ***Response - Strategy***

  - Is there an adequate spill response plan for the location?
  - Is it flexible enough to cope with unexpected spill events?
  - Does the plan include clear understanding of local environmental sensitivities?
  - What was the initial strategy for response to this spill?
  - Is this strategy defined in the spill plan?
  - How did the strategy evolve and change during this spill and how were these changes implemented?
  - What caused such changes?
  - Are there improvements needed? More training?

- ***Response – Resources Used***

  - What resources were mobilized?
  - How were they mobilized?
  - How did resource utilization change with time? Why?

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D.3 PURPOSE OF REVIEW AND EVALUATION (Cont'd)

- ***Response – Resources Used (Cont'd)***
  - Were resources used effectively?
    - Contractors
    - Government agencies
    - Company resources
    - Cooperatives
    - Volunteers
    - Consultants
    - Other (e.g. bird rescue centers)
  - What changes would have been useful?
  - Do we have adequate knowledge of resource availability?
  - Do we have adequate knowledge of waste disposal capabilities?
- ***Response - Effectiveness***
  - Was containment effective and prompt?
  - How could it have been improved?
  - Should the location or the local cooperative have additional resources for containment?
  - Was recovery effective and prompt?
  - How could it have been improved?
  - Should the location or the local cooperative have additional resources for recovery of spilled product?
  - Was contaminated equipment disposed of promptly and safely?
  - Was there adequate in-house product separation, recovery, and disposal?
  - How could it have been improved?
  - Was there adequate outside disposal resources available?

D.3 PURPOSE OF REVIEW AND EVALUATION (Cont'd)

- ***Command Structure***

  - Who was initially in charge of spill response?
  - What sort of organization was initially set up?
  - How did this change with time? Why?
  - What changes would have been useful?
  - Was there adequate surveillance?
  - Should there be any changes?
  - Were communications adequate?
  - What improvements are needed? Hardware, procedures, etc.
  - Was support from financial services adequate? Prompt?
  - Should there be any changes?
  - Is more planning needed?
  - Should financial procedures be developed to handle such incidents?

- ***Measurement***

  - Was there adequate measurement or estimation of the volume of product spilled?
  - Was there adequate measurement or estimation of the volume of product recovered?
  - Was there adequate measurement or estimation of the volume of product disposed of?
  - Should better measurement procedures be developed for either phase of operations?
  - If so, what would be appropriate and acceptable?

- ***Government Relations***

  - What are the roles and effects of the various government agencies which were involved?
  - Was there a single focal point among the government agencies for contact?

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D.3 PURPOSE OF REVIEW AND EVALUATION (Cont'd)

- ***Government Relations (Cont'd)***

  - Should there have been better focus of communications to the agencies?
  - Were government agencies adequately informed at all stages?
  - Were too many agencies involved?
  - Are any changes needed in procedures to manage government relations?
  - Examples of affected U.S. agencies (there may be others):
    - U.S. Coast Guard
    - Environmental Protection Agency
    - National Oceanic and Atmospheric Administration
    - Dept of Fish and Wildlife
    - State Parks
    - Harbors and Marinas
    - States
    - Cities
    - Counties
  - Was there adequate agreement with the government agencies on disposal methods?
  - Was there adequate agreement with the government agencies on criteria for cleanup?
  - How was this agreement developed?
  - Were we too agreeable with the agencies in accepting their requests for specific action items (e.g., degree of cleanup)?
  - Should there be advance planning of criteria for cleanup, aimed at specific local environmentally sensitive areas? (Such criteria should probably also be designed for different types of product.)

- ***Public Relations***

  - How were relations with the media handled?
  - What problems were encountered?
  - Are improvements needed?
  - How could public outcry have been reduced? Was it serious?
  - Would it be useful to undertake a public information effort to "educate" reporters about product and effects to it if spilled?
  - These areas should be investigated shortly after the incident to assure that actions taken are fresh in peoples' minds.

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E.1 Overview

E.2 Waste Classification

E.3 Waste Handling

E.4 Waste Storage

E.5 Waste Disposal

Figure E-1 Comparative Evaluation of Oil Spill Transfer Systems

Figure E-2 Temporary Storage Methods

Figure E-3 Oily Waste Separation and Disposal Methods

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E.1 OVERVIEW

A major oil spill response would generate significant quantities of waste materials ranging from oily debris and sorbent materials to sanitation water and used batteries. All these wastes need to be classified and segregated (i.e., oily, liquid, etc.), transported from the site, and treated and/or disposed of at approved disposal sites. Each of these activities demands that certain health and safety precautions be taken, which are strictly controlled by federal and state laws and regulations. This section provides an overview of the applicable state regulations governing waste disposal, and a discussion of various waste classification, handling, transfer, storage, and disposal techniques. It is the responsibility of the Environmental Unit to manage waste disposal needs during an oil spill cleanup.

E.2 WASTE CLASSIFICATION

Oily - Liquid Wastes

Oily liquid wastes (i.e., oily water and emulsions) that would be handled, stored, and disposed of during response operations are very similar to those handled during routine storage and transfer operations. The largest volume of oily liquid wastes would be produced by recovery operations (e.g., through the use of vacuum devices or skimmers). In addition, oily water and emulsions would be generated by vehicle operations (e.g., spent motor oils, lubricants, etc.), and equipment cleaning operations.

Non-Oily - Liquid Wastes

Response operations would also produce considerable quantities of non-oily liquid wastes. Water and other non-oily liquid wastes would be generated by the storage area and stormwater collection systems equipment cleaning (i.e., water contaminated with cleaning agents), and office and field operations (i.e., sewage, construction activities).

Solid Wastes

A solid waste is defined as any discarded material provided that it is not specifically excluded under the regulations. These exclusions cover materials such as domestic sewage and mixtures of sewage discharged through a sewer system or industrial wastewater point source discharges.

A discarded material is any material which is abandoned (disposed of, burned or incinerated) or accumulated, stored or treated prior to being abandoned. A discarded material is also any material recycled or any material considered inherently wastelike. Recycled material is considered solid waste when used in a manner constituting disposal, placed on land or burned for energy recovery.

A solid waste may be considered a hazardous waste. A solid waste, as defined above, may be a hazardous waste if it is not excluded from regulation and is either a listed hazardous waste or exhibits the characteristics of a hazardous waste. A solid waste exhibits the characteristics of a hazardous waste if it exceeds the thresholds established in determining the following:

1) ignitability
2) corrosivity
3) reactivity

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4) toxicity

E.2 WASTE CLASSIFICATION (Cont'd)

Solid Wastes (Cont'd)

A solid waste may also become a hazardous waste if it is mixed with a listed hazardous waste or, in the case of any other waste (including mixtures), when the waste exhibits any of the characteristics identified above.

Oily - Solid/Semi-Solid Wastes

Oily solid/semi-solid wastes that would be generated by containment and recovery operations include damaged or worn-out booms, disposable/soiled equipment, used sorbent materials, saturated soils, contaminated beach sediments, driftwood, and other debris.

Non-Oily - Solid/Semi-Solid Wastes

Non-oily solid/semi-solid wastes would be generated by emergency construction operations (e.g., scrap, wood, pipe, and wiring) and office and field operations (i.e., refuse). Vessel, vehicle, and aircraft operations also produce solid wastes.

E.3 WASTE HANDLING

A primary concern in the handling of recovered oil and oily debris is contaminating unaffected areas or recontaminating already cleaned areas. Oily wastes generated during the response operations would need to be separated by type and transferred to temporary storage areas and/or transported to incineration or disposal sites. Proper handling of oil and oily wastes is imperative to ensure personnel health and safety.

Safety Considerations

Care shall be taken to avoid or minimize direct contact with oily wastes. All personnel handling or coming into contact with oily wastes shall wear protective clothing. A barrier cream can be applied prior to putting on gloves to further reduce the possibility of oily waste absorption. Safety goggles shall be worn by personnel involved in waste handling activities where splashing might occur. Any portion of the skin exposed to oily waste should be washed with soap and water as soon as possible. Decontamination zones should be set up during response operations to ensure personnel are treated for oil exposure.

Waste Transfer

During response operations, it may be necessary to transfer recovered oil and oily debris from one point to another several times before the oil and oily debris are ultimately recycled, incinerated or disposed of at an appropriate disposal site. Depending on the location of response operations, any or all of the following transfer operations may occur:

- From portable or vessel-mounted skimmers into flexible bladder tanks, storage tanks of the skimming vessel itself, or a barge.
- Directly into the storage tank of a vacuum device.
- From a skimming vessel or flexible bladder to a barge.

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E.3 WASTE HANDLING (Cont'd)

- From a vacuum device storage tank to a frac tank.
- From a frac tank to a tank truck.
- From a tank truck to a processing system (e.g., oil/water separator).
- From a processing system to a recovery system and/or incinerator.
- Directly into impermeable bags that, in turn, are placed in impermeable containers.
- From containers to trucks.

There are four general classes of transfer systems that may be employed to affect oily waste transfer operations:

- **Pumps:** Rotary pumps, such as centrifugal pumps, may be used when transferring large volumes of oil, but they may not be appropriate for pumping mixtures of oil and water. The extreme shearing action of centrifugal pumps tends to emulsify oil and water, thereby increasing the viscosity of the mixture and causing low, inefficient transfer rates. The resultant emulsion would also be more difficult to separate into oil and water fractions. Lobe or "positive displacement" pumps work well on heavy, viscous oils, and do not emulsify the oil/water mixture. Double-acting piston and double acting diaphragm pumps are reciprocating pumps that may also be used to pump oily wastes.

- **Vacuum Systems:** A vacuum truck may be used to transfer viscous oils but they usually pick up a very high water/oil ratio.

- **Belt/Screw Conveyors:** Conveyors may be used to transfer oily wastes containing a large amount of debris. These systems can transfer weathered debris laden oil either horizontally or vertically for short distances (i.e., 10 feet) but are bulky and difficult to set up and operate.

- **Wheeled Vehicles:** Wheeled vehicles may be used to transfer liquid wastes or oily debris to storage or disposal sites. These vehicles have a limited transfer volume (i.e., 100 barrels) and require good site access.

Figure E-1 provides a comparative evaluation of 16 types of transfer systems that could be available for transfer operations.

E.4 WASTE STORAGE

Interim storage of recovered oil, oily and non-oily waste would be considered to be an available means of holding the wastes until a final management method is selected. In addition, the segregation of wastes according to type would facilitate the appropriate method of disposal. The storage method used would depend upon:

- The type and volume of material to be stored.
- The duration of storage.
- Access.

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E.4 WASTE STORAGE Cont'd

During an oil spill incident, the volume of oil that can be recovered and dealt with effectively depends upon the available storage capacity. Typical short-term storage options are summarized in Figure E-2. The majority of these options can be used either onshore or offshore.

If storage containers such as bags or drums are used, the container must be clearly marked with the proper DOT marking to indicate the type of material/waste contained and/or the ultimate disposal option.

Fuel barges may be the best option for temporary storage of oil recovered in open waters and frac tanks for inland spills. Depending on size, these vessels may be able to hold up to 6,000 barrels of oil and water and frac tanks may hold up to 500 to 550 barrels. The barge deck can be used as a platform for operating oil spill clean-up equipment and storing containment boom.

Steel or rubber tanks can be used to store oil recovered near the shoreline. To facilitate offloading, demulsifiers may be used to break emulsions prior to placing the recovered substance into the barges or storage tanks.

Use of any site for storage is dependent on the approval of the local authorities. The following elements affect the choice of a potential storage site:

- Geology.
- Ground water.
- Soil.
- Flooding.
- Surface water.
- Slope.
- Covered material.
- Capacity.
- Climate factors.
- Land use.
- Toxic air emissions.
- Security.
- Access.
- Public contact.

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E.4 WASTE STORAGE (Cont'd)

Temporary storage sites should use the best achievable technology to protect the environment and human health. They should be set up to prevent leakage, contact, and subsequent absorption of oil by the soil. The sites should be bermed (1 to 1.5 meters high) and double lined with plastic or visqueen sheets 6-10 millimeters or greater in thickness, without joints, prior to receiving loose and bagged debris. The edges of the sheet should be weighted with stones or earth to prevent damage by wind, and the sheet should be placed on a sand layer or an underfelt thick enough to prevent piercing. A reinforced access area for vehicles at the edge of the site should be provided. In addition, the oily debris should be covered by secured visqueen or tarps and an adequate stormwater runoff collection system for the size and location of the site would be utilized. Additionally, the sites should be at least 3 meters above mean sea level.

debris can be hauled to approved temporary storage sites in visqueen lined trucks or other vehicles. Burnable, non-burnable, treatable and re-usable materials can be placed in well defined separate areas at temporary storage sites.

When the last of the oily debris leaves a temporary storage site, the ground protection would be removed and disposed of with the rest of the oily debris. Any surrounding soil which has become contaminated with oil would also be removed for disposal or treatment. If the soils were removed for treatment, they may be replaced if testing proves acceptable levels have been achieved. Treatment and remediation is encouraged when feasible. The temporary storage should be returned to its original condition.

E.5 WASTE DISPOSAL

Techniques for Disposal of Recovered Oil

Recovery, reuse, and recycling are the best choices for remediation of a spill, thereby reducing the amount of oily debris to be bermed onsite or disposed of at a solid waste landfill. Treatment is the next best alternative, but incineration and burning for energy recovery have more options within the state. There are some limitations and considerations in incinerating for disposal. Environmental quality of incineration varies with the type and age of the Facility. Therefore, when incineration becomes an option during an event, local air quality authorities would be contacted for advice about efficiency and emissions of facilities within their authority. Approval of the local air authorities is a requirement for any incineration option. Landfilling is the last option. Final disposal at a solid or dangerous waste landfill is the least environmentally sound method of dealing with a waste problem such as oily debris.

During an oil spill incident, the Company would consult with the proper regulating agency to identify the acceptable disposal methods and sites appropriately authorized to receive such wastes. The Company maintains a list of approved disposal sites that satisfy local, state, and federal regulations and company requirements. This identification of suitable waste treatment and disposal sites would be prepared by the Environmental Unit in the form of an Incident which must be authorized by the U.S. Coast Guard and/or the EPA. An Incident Disposal Plan would include predesignated interim storage sites, segregation strategies, methods of treatment and disposal for various types of debris, and the locations/contacts of all treatment and disposal site selections. Onsite treatment/disposal is preferred.

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E.5 WASTE DISPOSAL (Cont'd)

Techniques for Disposal of Recovered Oil (Cont'd)

In order to obtain the best overall Incident Disposal Plan, a combination of methods should be used. There is no template or combination of methods that can be used in every spill situation. Each incident should be reviewed carefully to ensure that an appropriate combination of disposal methods is employed.

The different types of wastes generated during response operations would require different disposal methods. To facilitate the disposal of wastes, they should be separated by type for temporary storage, transport and disposal. Figure E-3 lists some of the options that would be available to segregate oily wastes. The figure also depicts methods that may be employed to separate free and/or emulsified water from the oily liquid waste.

The following is a brief discussion of some disposal techniques available for recovered oil and oily debris.

Recycling

This technique entails removing water from the oil and blending the oil with uncontaminated oil. Recovered oil can be shipped to refineries provided that it is exempt from hazardous waste regulations. There it can be treated to remove water and debris, and then blended and sold as a commercial product.

The Company's designated HS&E Specialist or Director HS&E is responsible for ensuring that all waste materials be disposed of at an internally approved disposal site.

Incineration

This technique entails the complete destruction of the recovered oil by high temperature thermal oxidation reactions. There are licensed incineration facilities as well as portable incinerators that may be brought to a spill site. Incineration may require the approval of the local Air Pollution Control Authority. Factors to consider when selecting an appropriate site for onsite incineration would include:

- Proximity to recovery locations.
- Access to recovery locations.
- Adequate fire control.
- Approval of the local air pollution control authorities.

In Situ Burning/Open Burning

Burning techniques entail igniting oil or oiled debris and allowing it to burn under ambient conditions. These disposal techniques are subject to restrictions and permit requirements established by federal, state and local laws. They would not be used to burn PCBs, waste oil containing more than 1,000 parts per million of halogenated solvents, or other substances regulated by the EPA. Permission for *in situ* burning may be difficult to obtain when the burn takes

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place near populated areas.

E.5 WASTE DISPOSAL (Cont'd)

In Situ Burning/Open Burning (Cont'd)

As a general rule, *in situ* burning would be appropriate only when atmospheric conditions will allow the smoke to rise several hundred feet and rapidly dissipate. Smoke from burning oil will normally rise until its temperature drops to equal the ambient temperature. Afterwards, it will travel in a horizontal direction under the influence of prevailing winds.

Landfill Disposal

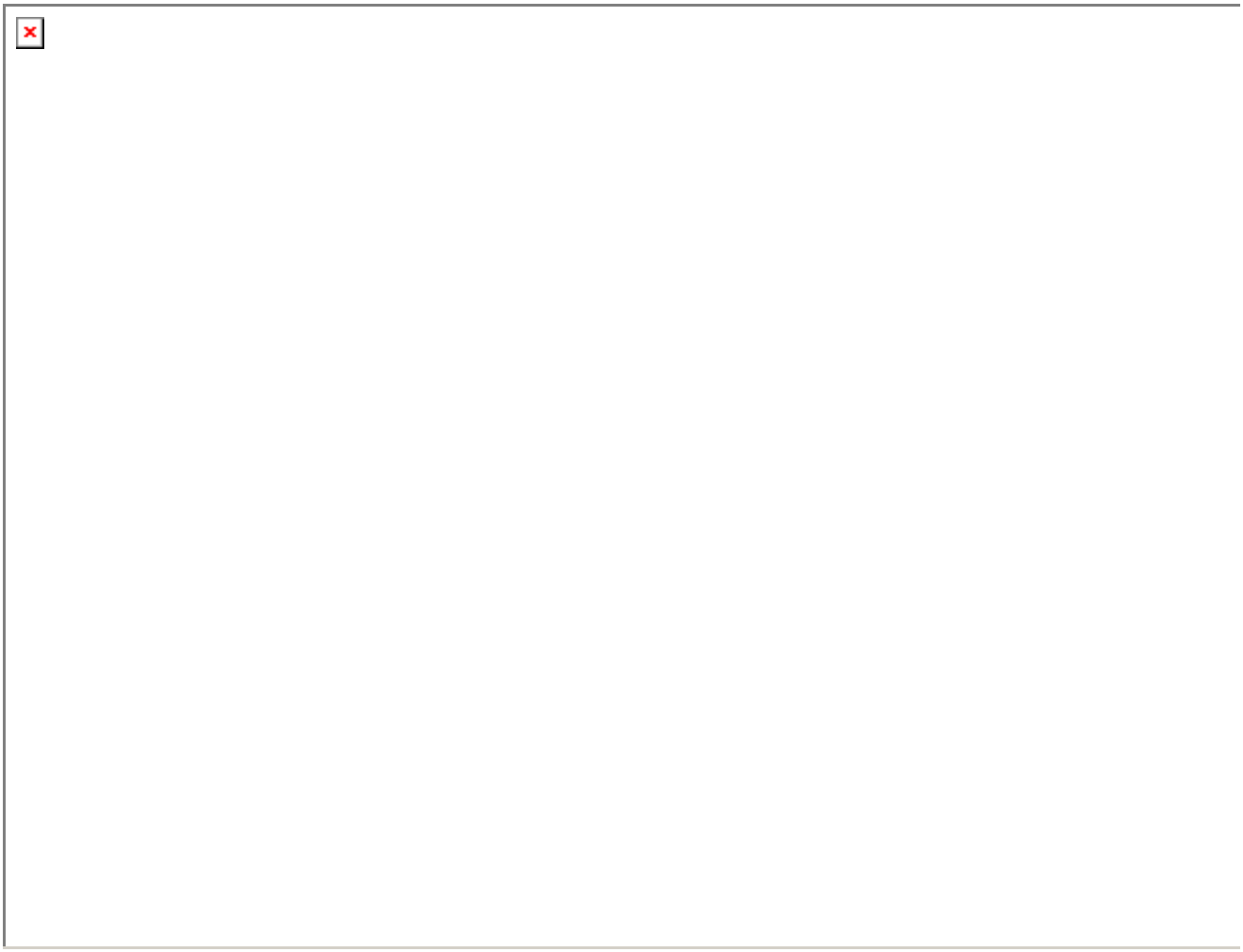
This technique entails burying the recovered oil in an approved landfill in accordance with regulatory procedures. Landfill disposal of free liquids is prohibited by federal law in the United States.

With local health department approval, non-burnable debris which consists of oiled plastics, gravel and oiled seaweed, kelp, and other organic material may be transported to a licensed, lined, approved municipal or private landfill and disposed of in accordance with the landfill guidelines and regulations. Landfill designation would be planned only for those wastes that have been found to be unacceptable by each of the other disposal options (e.g., waste reduction, recycling, energy recovery). Wastes would be disposed of only at Company-approved disposal facilities. The HS&E Specialist or Director HS&E is responsible for ensuring that all waste materials are disposed of at a Company internally approved disposal site. Disposal at a non-approved facility would require approval by the HS&E Specialist or Director HS&E prior to sending any waste to such a facility.

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FIGURE E-1

COMPARATIVE EVALUATION OF OIL SPILL TRANSFER SYSTEMS



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FIGURE E-2

TEMPORARY STORAGE METHODS

CONTAINER	ONSHORE	OFFSHORE	SOLIDS	LIQUIDS	NOTES
Barrels	x	x	x	x	May require handling devices. Covered and clearly marked.
Tank Trucks	x	x		x	Consider road access. Barge-mounted offshore
Dump/Flat Bed Trucks	x		x		May require impermeable liner and cover. Consider flammability of vapors at mufflers.
Barges		x	x	x	Liquids only in tanks. Consider venting of tanks.
Oil Storage Tanks	x	x		x	Consider problems of large volumes of water in oil.
Bladders	x	x		x	May require special hoses or pumps for oil transfer.
Frac Tanks	x			x	Consider road access.

FIGURE E-3

OILY WASTE SEPARATION AND DISPOSAL METHODS

TYPE OF MATERIAL	SEPARATION METHODS	DISPOSAL METHODS
LIQUIDS		
Non-emulsified oils	Gravity separation of free water	Incineration Use of recovered oil as refinery/production facility feedstock
Emulsified oils	Emulsion broken to release water by: • heat treatment • emulsion breaking chemicals • mixing with sand • centrifuge • filter/belt press	Use of recovered oil as refinery/production facility feedstock
SOLIDS		
Oil mixed with sand	Collection of liquid oil leaching from sand during temporary storage Extraction of oil from sand by washing with water or solvent Removal of solid oils by sieving	Incineration Use of recovered oil as refinery/production facility feedstock Direct disposal Stabilization with inorganic material Degradation through land farming or composting
Oil mixed with cobbles or pebbles	Screening Collection of liquid oil leaching from materials during temporary storage Extraction of oil from materials by washing with water or solvent	Incineration Direct disposal Use of recovered oil as refinery/production facility feedstock
Oil mixed with wood and sorbents	Screening Collection of liquid oil leaching from debris during temporary storage Flushing of oil from debris with water	Incineration Direct disposal Degradation through land farming or composting for oil mixed with seaweed or natural sorbents

APPENDIX F

MISCELLANEOUS FORMS

Forms and Exercise Documentation File Maintenance Procedures

- Forms and exercise documentation records should be maintained in a separate file in the Facility's office filing system.
- These files must be available for presentation upon request by regulatory agency personnel.

APPENDIX G

STATE REQUIREMENTS

APPENDIX H

MATERIAL SAFETY DATA SHEET(S)

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DOT/PHMSA 49 CFR Part 194 Cross Reference

Texas Oil Spill Prevention and Response Act of 1991
31 TAC Section 19.12 through 19.13 Cross Reference

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DOT/PHMSA 49 CFR PART 194 CROSS REFERENCE		
§ 194.105	**BRIEF DESCRIPTION**	**LOCATION in PLAN**
(a)	... determine the worst case discharge ... provide methodology, including calculations, used to arrive at the volume.	App B
(b)	The worst case discharge is the largest volume, in barrels (cubic meters), of the following:	-----
(b)(1)	... maximum release time in hours, plus the maximum shutdown response time in hours..., multiplied by the maximum flow rate expressed in barrels per hour..., plus the largest line drainage volume after shutdown of the line section(s) ...; or	App B
(b)(2)	The largest foreseeable discharge for the line section(s) within a response zone, expressed in barrels (cubic meters), based on the maximum historic discharge, if one exists, adjusted for any subsequent corrective or preventative action taken; or	App B
(b)(3)	If the response zone contains one or more breakout tanks, the capacity of the single largest tank or battery of tanks within a single secondary containment system, adjusted for the capacity or size of the secondary containment system, expressed in barrels (cubic meters).	App B
(b)(4)	Operators may claim prevention credits for breakout tank secondary containment and other specific spill prevention measures as follows:…	App B
§ 194.107	**BRIEF DESCRIPTION**	**LOCATION in PLAN**
(a)	Each response plan must must include procedures and a list of resources responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge.	App A
(b)	An operator must certify in the plan … reviewed NCP and each applicable ACP…	Foreword
(b)(1)	As a minimum to be consistent with the NCP a facility response plan must:	-----
(b)(1)(i)	Demonstrate an operator's clear understanding of the function of the Federal response structure…	§ 4.0
(b)(1)(ii)	Establish provisions to ensure the protection of safety at the response site; and	§ 4.0 (Command), § 5.0
(b)(1)(iii)	Identify the procedures to obtain any required Federal and State permissions for using alternative response strategies such as in-situ burning and dispersants…	§ 6.8
(b)(2)	As a minimum, to be consistent with the applicable ACP the plan must:	-----
(b)(2)(i)	Address the removal of a worst case discharge and the mitigation or prevention of a substantial threat of a worst case discharge;	§ 3.0, App B
(b)(2)(ii)	Identify environmentally and economically sensitive areas;	§ 6.0
(b)(2)(iii)	Describe the responsibilities of the operator and operator and of Federal, State and local agencies in removing a discharge and in mitigating or preventing a substantial threat of a discharge; and	§ 4.0
(b)(2)(iv)	Establish the procedures for obtaining an expedited decision on use of dispersants or other chemicals.	§ 6.8
(c)	Each response plan must include:	----
(c)(1)	A core plan consisting of …	----
(c)(1)(i)	An information summary as required in § 194.113,	Fig 1.1
(c)(1)(ii)	Immediate notification procedures,	§ 2.0
(c)(1)(iii)	Spill detection and mitigation procedures,	§ 3.0
(c)(1)(iv)	The name, address, and telephone number of the oil spill response organization, if appropriate,	Fig 2.5, App A
(c)(1)(v)	Response activities and response resources,	§ 3.0, App A
(c)(1)(vi)	Names and telephone numbers of Federal, state, and local agencies which the operator expects to have pollution control responsibilities or support,	Fig 2.5
(c)(1)(vii)	Training procedures,	App D

DOT/PHMSA 49 CFR PART 194 CROSS REFERENCE (Cont'd)

§194.107	BRIEF DESCRIPTION	LOCATION in PLAN
(c)(1)(viii)	Equipment testing,	App D.2
(c)(1)(ix)	Drill program – an operator will satisfy the requirement for a drill program by following the National Preparedness for Response Exercise Program (PREP) guidelines. An operator choosing not to follow PREP guidelines must have a drill program that is equivalent to PREP. The operator must describe the drill program in the response plan and OPS will determine if the program is equivalent to PREP.	App D.2
(c)(1)(x)	Plan review and update procedures;	§ 1.4
(c)(2)	An appendix for each response zone that includes the information required in paragraph (c)(1)(i)-(ix) of this section and the worst case discharge calculations that are specific to that response zone. An operator submitting a response plan for a single response zone does not need to have a core plan and a response zone appendix. The operator of a single response zone onshore pipeline shall have a single summary in the plan that contains the required information in § 194.113.7; and.	Annexes
(c)(3)	A description of the operator's response management system including the functional areas of finance, logistics, operations, planning, and command. The plan must demonstrate that the operator's response management system uses common terminology and has a manageable span of control, a clearly defined chain of command, and sufficient trained personnel to fill each position.	§ 4.0
§194.111	**BRIEF DESCRIPTION**	**LOCATION in PLAN**
(a)	Each operator shall maintain relevant portions of its response plan at the operator's headquarters and at other locations from which response activities may be conducted, for example, in field offices, supervisors' vehicles, or spill response trailers.	Foreword Distribution List
(b)	Each operator shall provide a copy of its response plan to each qualified individual.	Foreword Distribution List
§194.113	**BRIEF DESCRIPTION**	**LOCATION in PLAN**
(a)	The information summary for the core plan, required by § 194.107, must include:	----
(a)(1)	The name and address of the operator.	Fig 1.1
(a)(2)	For each response zone which contains one or more line sections that meet the criteria for determining significant and substantial harm as described in § 194.103, a listing and description of the response zones, including county(s) and state(s).	Fig 1.1, Response Zone Annexes
(b)	The information summary for the response zone appendix, required in § 194.107, must include:	-----
(b)(1)	The information summary for the core plan.	Fig 1.1
(b)(2)	The names or titles and 24-hour telephone numbers of the qualified individual(s) and at least one alternate qualified individual(s);	Fig 1.1, Fig 2.2
(b)(3)	The description of the response zone, including county(s) and state(s), for those zones in which a worst case discharge could cause substantial harm to the environment;	Fig 1.1, Response Zone Annexes
(b)(4)	A list of line sections for each pipeline contained in the response zone, identified by milepost or survey station number, or other operator designation;	Fig 1.1
(b)(5)	The basis for the operator's determination of significant and substantial harm; and	Foreword
(b)(6)	The type of oil and volume of the worst case discharge.	App B

DOT/PHMSA 49 CFR PART 194 CROSS REFERENCE		
§ 194.115	**BRIEF DESCRIPTION**	**LOCATION in PLAN**
(a)	Each operator shall identify and ensure, by contract or other approved means, the resources necessary to remove, to the maximum extent practicable, a worst case discharge and to mitigate or prevent a substantial threat of a worst case discharge.	App A
(b)	An operator shall identify in the response plan the response resources which are available to respond within the time specified, after discovery of a worst case discharge, or to mitigate the substantial threat of such a discharge.	App A
§ 194.117	**BRIEF DESCRIPTION**	**LOCATION in PLAN**
(a)	Each operator shall conduct training to ensure that:	-----
(a)(1)	All personnel know --	-----
(a)(1)(I)	Their responsibilities under the response plan	§ 4.0
(a)(1)(ii)	The name and address of, and the procedure for contacting, the operator on a 24-hour basis	§ 2.0, Fig 2.2
(a)(1)(iii)	The name of, and procedures for contacting, the qualified individual on a 24-hour basis	§ 2.0, Fig 1.1, Fig. 2.2
(a)(2)	Reporting personnel know --	-----
(a)(2)(I)	The content of the information summary of the response plan;	Fig 1.1
(a)(2)(ii)	The toll-free telephone number of the National Response Center, and	Fig 2.5
(a)(2)(iii)	The notification process; and	§ 2.0, Fig. 2.5
(a)(3)	Personnel engaged in response activities know --	-----
(a)(3)(I)	The characteristics and hazards of the oil discharged,	Fig 3.2, App H
a)(3)(ii)	The conditions that are likely to worsen emergencies, including the consequences of facility malfunctions or failures, and the appropriate corrective actions,	§ 3.0
(a)(3)(iii)	The steps necessary to control any accidental discharge of oil and to minimize the potential for fire, explosion, toxicity, or environmental damage, and	§ 3.0
(a)(3)(iv)	The proper firefighting procedures and use of equipment, fire suits, and breathing apparatus.	§ 3.0
(b)	Each operator shall maintain a training record for each individual that has been trained as required by this section. Theses records must be maintained in the following manner as long as the individual is assigned duties under the response plan:	App D.1
(b)(1)	Records for operator personnel must be maintained at the operator's headquarters; and	App D.1
(b)(2)	Records for personnel engaged in response, other than operator personnel, shall be maintained as determined by the operator.	App D.1
(b)(3)	Nothing in this section relieves an operator from the responsibility to ensure that all response personnel are trained to meet the Occupational Safety and Health Administration (OSHA) standards for emergency response operations in 29 CFR 1910.120 ...	App D.1

DOT/PHMSA 49 CFR PART 194 CROSS REFERENCE

§ 194.119	BRIEF DESCRIPTION	LOCATION in PLAN
(a)	Each owner shall submit two copies...	Distribution
(b)	...PHMSA will notify the operator of any alleged deficiencies...	-----
(c)	The operator...may petition PHMSA for reconsideration within 30 days...	-----
(d)	For response zones of pipelines...OPS will approve the response plan if OPS determines that the response plan meets all requirements...	-----
(e)	...The operator may submit a certification to OPS...that the operator has obtained, through contract or other approved means, the necessary personnel and equipment to respond, to the maximum extent practicable, to a worst case discharge...	Foreword (Operator's Statement)
(f)	...OPS may require an operator to provide a copy of the response plan to the OSC...	-----
§ 194.121	**BRIEF DESCRIPTION**	**LOCATION in PLAN**
(a)	Each operator shall update its response plan to address new or different operating conditions or information. In addition, each operator shall review its response plan in full at least every 5 years from the date of the last submission or the last approval as follows:	§ 1.4
(a) (1)	For substantial harm plans, an operator shall resubmit every 5 years from the last approval date.	§ 1.4
(a) (2)	For significant and substantial harm plans, an operator shall resubmit every 5 years form the last approval date.	§ 1.4
(b)	If a new or different operating condition or information would substantially affect the implementation of a response plan, the operator must immediately modify its response plan to address such a change…	§ 1.4
(b)(1)	An extension of the existing pipeline or construction of a new pipeline in a response zone not covered by the previously approved plan;	§ 1.4
(b)(2)	Relocation or replacement of the pipeline in a way that substantially affects the information included in the response plan, such as a change to the worst case discharge volume;	§ 1.4
(b)(3)	The type of oil transported, if the type affects the required response resources, such as a change from crude oil to gasoline;	§ 1.4
(b)(4)	The name of the spill removal organization;	§ 1.4
(b)(5)	Emergency response procedures;	§ 1.4
(b)(6)	The qualified individual;	§ 1.4
(b)(7)	A change in the NCP or an ACP that has significant impact on the equipment appropriate for response activities; and	§ 1.4
(b)(8)	Any other information relating to circumstances that may affect full implementation of the plan.	§ 1.4
(c)	If PHMSA determines that a change to a response plan does not meet the requirements of this part, PHMSA will notify the operator of any alleged deficiencies, and provide operator…opportunity to correct deficiencies.	-----
(d)	An operator who disagrees with a determination that proposed revisions to a plan are deficient may petition PHMSA for reconsideration, within 30 days from the date of receipt of PHMSA's notice…	-----

Texas Oil Spill Prevention and Response Act of 1991 31 TAC Section 19.12 through 19.13-Major Facilities		
§ 19.12	**DESCRIPTION OF GUIDELINE ITEM**	**LOCATION IN PLAN**
(C)	For corporate applications, the application must be signed by an officer of at least the rank of vice-president. For partnerships...signed by a partner. All applications must also be signed by the person responsible for operation... (i.e. the facility manager or area manager).	Foreword
§ 19.13	**DESCRIPTION OF GUIDELINE ITEM**	**LOCATION IN PLAN**
(a)	Applicability….	-----
(b)	Implementation of plans....	Entire Plan
(c)	Required elements of discharge prevention and response plans….include the following information:	-----
(1)	the owner and operator of the facility;	Fig. 1.1
(2)	the person or persons in charge of the facility, as required by §19.16 of this title (relating to Person in Charge);	Fig. 1.1
(3)	the name and address (both physical and mailing) of the facility;	Fig. 1.1
(4)	a description of the facility, including:	-----
(A)	The location of the facility by latitude and longitude;	Fig. 1.1
(B)	The facility's primary activity;	Fig. 1.1
(C)	The types of oil handled, whether material safety data sheets (MSDS) have been prepared for them, and the location where the MSDS are maintained;	Fig. 1.1, App. H
(D)	The storage capacity of each tank used for storing oil;	TGLO Online Facility Database*, Response Zone Annexes
(E)	The diameter of all lines through which oil is transferred;	TGLO Online Facility Database*, Response Zone Annexes
(F)	The average daily throughput of oil at the facility; and	TGLO Online Facility Database*, App H
(G)	The dimensions and capacity in barrels of the largest oil-handling vessel which docks at the facility.	N/A
(5)	For a facility which normally does not have personnel on-site, a commitment to maintain in a prominent location a sign or placard….	N/A
(6)	A general description of measures taken by the facility to prevent unauthorized discharges of oil;	App C
(7)	A plan to conduct an annual oil spill drill that entails notifying the GLO and National Response Center and keeping a log at the facility….	App D
(8)	If oil is transferred at the facility, emergency transfer procedures to be implemented if an actual or threatened unauthorized discharge of oil occurs at the facility;	§ 2.0, § 3.0
(9)	Strategic plans to contain and clean up unauthorized discharges of oil from the facility;	§ 3.0, § 6.0
(10)	A statement that all facility personnel who might be involved in an oil spill response have been informed that detergents or other surfactants are prohibited….	App A
(11)	A description of any secondary containment or diversionary structures… including the methodology for determining that the structures or equipment are adequate….	Response Zone Annexes
(d)	Additional requirements for facilities classified as intermediate….	N/A
(e)	Additional requirements for facilities classified as large…..	-----
(1)	Maps showing vehicular access to the facility, pipelines to and from the facility, and nearby residential or other populous areas;	Fig. 6.2
(2)	A site plan of the facility showing:	-----

* The TGLO Online Facility Database is reviewed annually for each regulated facility and updated as necessary.

Texas Oil Spill Prevention and Response Act of 1991
31 TAC Section 19.12 through 19.13-Major Facilities (Cont'd)

§ 19.13	DESCRIPTION OF GUIDELINE ITEM	LOCATION IN PLAN
(A)	The location of all structures in which oil is stored;	Fig. 1.2
(B)	The location of all areas where oil is transferred at the facility; and	Fig. 1.2
(C)	Drainage and diversion systems at the facility, such as sewers, outfalls, catchment or containment systems or basins, sumps, and all watercourses into which surface runoff from the facility drains (all of which bay be shown on the site plan or maps);	App C
(3)	A plan to conduct an annual oil spill drill that includes the following elements:	-----
(A)	Notifying the GLO and National Response Center;	§ 2.0
(B)	Notifying any third parties, such as discharge cleanup organizations, which have agreed to respond…	§ 2.0
(C)	If the facility has spill response equipment stored on-site, deployment of a representative portion of the equipment which would be used to respond to the type of discharge most likely to occur at the facility; and	App A, App D
(D)	A log documenting when the annual drill was conducted and the facility personnel who participated in it;	App G
(4)	A detailed description of the facility's discharge prevention and response capability, including:	-----
(A)	Leak detection and safety systems to prevent accidental discharges of oil, including a description of equipment and procedures;	App C
(B)	Schedules, methods, and procedures for testing, maintaining, and inspecting storage tanks, pipelines, and other equipment used for handling oil;	App C
(C)	Schedules, methods, and procedures for conducting accidental discharge response drills;	App D
(D)	Whether the facility's oil spill response capability will primarily be based on contracts or agreements with third parties or on the facility's own personnel and equipment;	App A
(E)	Planned response actions, the chain of command, lines of communication, and procedures for notifying the GLO, emergency response and public safety entities, other agencies, and neighboring facilities in the event of an unauthorized discharge of oil;	§ 2.0, § 3.0, § 4.0
(F)	Oil spill response equipment and supplies located at the facility, their ownership and location, and the time required to deploy them;	App A
(G)	If the facility owns and maintains oil spill response equipment, the schedules, methods, and procedures for maintaining the equipment in a state of constant readiness for deployment;	App A
(H)	If the operator has entered into any oil spill response or cleanup contract or basic ordering agreements with a discharge cleanup organization, copies of the contracts or agreements or a narrative description of their terms;	App A
(I)	The worst case unauthorized discharge of oil reasonably likely to occur at the facility and the rationale used to determine the worst case unauthorized discharge;	App B, Response Zone Annexes
(J)	A description and map of environmentally sensitive areas that would be impacted by the worst case unauthorized discharge and plans for protecting these areas if an oil spill occurs at the facility;	§ 6.0
(K)	A description of response strategies that would be implemented to contain and clean up the worst case unauthorized discharge;	§ 3.0, App A, App E
(L)	Information on the facility's program for training facility personnel on accidental discharge prevention and response;	App D
(M)	Information on facility personnel who have been specifically designated to respond to an oil spill, including any training they have received and where the training records are maintained;	Fig. 2.2, App D

Texas Oil Spill Prevention and Response Act of 1991
31 TAC Section 19.12 through 19.13-Major Facilities (Cont'd)

§ 19.13	DESCRIPTION OF GUIDELINE ITEM	LOCATION IN PLAN
(N)	Plans for transferring oil during an emergency; plans for recovering, storing, separating, transporting, and disposing of oily waste materials generated during an oil spill response; and	App E
(O)	Plans for providing emergency medical treatment, site safety, and security during an oil spill.	§ 3.0

RESPONSE ZONE INFORMATION

RESPONSE ZONE CONTACT INFORMATION

Owner Name: Explorer Pipeline Company

Addresses:

Physical Address
Explorer Pipeline Company
6120 South Yale Ave.
Tulsa, Oklahoma 74136

Mailing Address
Explorer Pipeline Company
P.O. Box 2650
Tulsa, Oklahoma 74101

24 Hour Emergency Contact Phone Numbers: (888) 876-0036 (24 Hours)

Qualified Individuals		
NAME	OFFICE	OTHER
Rick Wright	918-591-3122	713-823-2955

Alt. Qualified Individuals		
NAME	OFFICE	OTHER
Alicia Westfall	918-591-3103	281-954-1239

Other		
NAME	OFFICE	OTHER
Conroe	918-591-3388	
Galena Park	918-591-3392	
Grapeland	918-591-3384	
Hankamer	918-591-3394	
Houston	918-591-3121	
Huntsville	918-591-3386	
Pasadena	918-591-3221	
Port Arthur	918-591-3101	
Port Neches	918-591-3396	
GATX Sample Point	918-591-3392	
Bryan	918-591-3307	
Plantersville	918-591-3305	
North Houston	918-591-3303	
Washburn	918-591-3299	
Wynnewood	918-591-3301	
North Pasadena	918-591-3297	
Aaron Peltier	918-591-3127	713-252-1997
Alan Frazier	918-591-3107	409-963-4852
Amanda Havard	918-591-3231	832-401-3056
Brent Kilpatrick	918-591-3231	713-689-8667
CK Nimitz	918-591-3287	936-465-2082
David Emfinger	918-591-3286	936-524-7457
David Jarvis	918-591-3231	713-689-8734

Debbie Reichle	918-591-3115	409-543-6571
Derek Freisner	918-591-3130	713-689-4563
Homer Hernandez	918-591-3231	713-689-8714
James Psencik	918-591-3231	832-205-2144
Jamie Boehm	918-591-3231	713-689-8593
Jeff Guinn	918-591-3231	713-504-3696
Kyle Daniel	918-591-3109	409-963-8229
Mike Cotie	918-591-3231	713-907-8587
Milton Seal	918-591-3101	409-293-2278
Omar Garcia	918-591-3124	713-907-8584
Phil Cotie	918-591-3124	832-401-3059
Richard Gubbs	918-591-3231	
Ricky Sittig	918-591-3258	713-689-4976
Robert Johnson	918-591-3101	409-963-8230
Steve Quinn	918-591-3101	409-548-5666
Steve Roger	918-591-3101	409-963-8447
Steve Power	918-591-3254	832-8657386
Susan Wisdom	918-591-3231	832-401-3057
William Steeples	918-591-3221	832-525-2163

Telephone/Fax: Telephone references, including 24 hour numbers, for the Facility, Owner, and QI/AQI are provided in Figure 2.2.

Contracted Resources: Agreement numbers are on-file at Corporate Headquarters in Tulsa, Oklahoma, and classifications are detailed in Appendix A.

States Traversed: Texas

Counties Traversed: Brazos, Grimes, Jefferson, Liberty, Robertson, Chambers, Harris, Montgomery, Walker, Houston, Anderson

RESPONSE ZONE INFORMATION

RESPONSE ZONE INFORMATION SUMMARY

Determination of Significant and Substantial Harm (DOT/PHMSA):

This Response Zone has been determined to meet the significant and substantial harm classification because at least one (1) line section within the response zone has met at least one of the criteria listed in 49CFR194.103(c)(1).

Pipeline Specifications:

- The tables below list the pipeline facilities within the Response Zone.

Line Segment	Starting Mile Post	Ending Mile Post	Type of Oil	States	Counties
10" Allendale to Arlington	(b) (7)(F)		Refined Products	TX	Harris
10" Allendale to Arlington			Refined Products	TX	Montgomery
10" Allendale to Arlington			Refined Products	TX	Grimes
10" Allendale to Arlington			Refined Products	TX	Brazos
10" Allendale to Arlington			Refined Products	TX	Robertson
10" North Pasadena to Washburn (CITGO's Galena Park)			Refined Products	TX	Harris
12" Allendale to Allendale Junction			Refined Products	TX	Harris
12" Fauna to Wynnewood			Refined Products	TX	Harris
12" Galena Park to Hess			Refined Products	TX	Harris

	(b) (7)(F)			
12" Housto to Fauna	[redacted]	Refined Products	TX	Harris
12" Housto to Galena Park		Refined Products	TX	Harris
12" Housto to Galena Park		Refined Products	TX	Harris
12" Wynnewoo to Magellan (Texaco)		Refined Products	TX	Harris
14" Port Neches to Port Arthur		Refined Products	TX	Jefferson
16" Allendale (CITGO's Houston) to West Pasadena Junction		Refined Products	TX	Harris
24" Housto to Fauna		Refined Products	TX	Harris
28" Housto to Greenvill		Refined Products	TX	Harris
28" Housto to Greenvill		Refined Products	TX	Montgomery
28" Housto to Greenvill		Refined Products	TX	Walker
28" Housto to Greenvill		Refined Products	TX	Houston
28" Housto to Greenvill		Refined Products	TX	Anderson
28" Pasadena to Houston		Refined Products	TX	Harris
28" Port Arthur to Houston		Refined Products	TX	Jefferson
28" Port Arthur to Houston		Refined Products	TX	Liberty
28" Port Arthur to Houston		Refined Products	TX	Chambers
28" Port Arthur to Houston		Refined Products	TX	Harris
8" Valero to Allendale		Refined Products	TX	Harris

Worst Case Discharge (Refer to Appendix B for calculations):

- **Potential Oil Group:** 2

(b) (7)(F)

[redacted]

RESPONSE ZONE INFORMATION

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS CRITICAL INFORMATION	
Name of Critical Information Sheet:	Trinity River – Old and Lost Rivers
Location:	(b) (7)(F) [redacted]
Area of Coverage:	East of Hwy. I-10 past Mont Belvieu to Trinity and Old and Lost Rivers. Take boat to spill site 6 miles north.
Concerns:	East of Hwy. I-10 past Mont Belvieu to Trinity and Old and Lost Rivers. Take boat to spill site 6 miles north.
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	(b) (7)(F) [redacted]
Critical Crossings:	Roads, waterways, etc. Critical roads are I-10, 563, 565, and 1409. Area south of leak is water fowl wetlands.

Local Officials:

Anahuac Fire Department	(409) 267-6620
Anahuac Fire Department	(409) 267-6620
Beaumont Highway Patrol	409-924-5456
Chambers County Emergency Management	(409) 267-6371
Chambers County Sheriff	(409) 267-8318
Parks and Wildlife Service	(517) 389-4800
Texas Department of Water Resources	(713) 460-0631
U.S. Coast Guard - Port Arthur	409-723-6500

Ultimate Points to Protect:	(b) (7)(F) [redacted]
Boat Launch:	Boat launch site Trinity River Bridge at I-10, Old and

	Lost Rivers at I-10, Hwy. 1409.
Boom Deployment:	Boom site at I-10 Hilesy, see map, location of booms marked L and M. Product will be flowing toward I-10 bridges at 1 to 4 mph. Pipe crossing, where leak will occur, is 6 miles north of bridge. Next boom location is 6 miles south at Smith Point just before Trinity Bay. (Map attached to Hildebrandt Bayou information)
Independent Contractors:	
Catastrophic Spill Contractors:	
Staging Area:	I-10 Boat launch at Trinity River
Response Plan Actions:	a) Notify CCT; b) Execute emergency shutdown of Port Arthur Station; c) Activate Cascade System of Notification; d) (1) Run Houston Station and North Stations until Houston Station automatically shuts down on low suction, (2) Leave Houston delivery open if emergency occurs while delivering to Galena Park; e) Isolate Houston Station if d)(1) applies; f) Close block valves on both sides of leak. (1) Close all valves on outgoing line at Port Arthur Station and block valve on eastside of Rodair Gully if leak is in Port Acres, (2) Close all valves on outgoing line at Port Arthur Station and block valves on eastside of Rodair Gully and Westside of Hillsbrandt Bayou if leak is in swamp area between Rodair Gully and Hillsbrandt Bayou; g) Dispatch men with emergency and pollution control equipment to site; h) Follow details set forth in Emergency Procedure Manual which includes evacuation, barricade area, contain product, prevent ignition, recover product, etc.; i) Drain line with vacuum trucks or pump around closed valve on eastside of leak site into Port Arthur launcher aligned to Port Arthur transfer pump via 411 launcher drain with discharge P.D. aligned to compatible product tank; j) repair tank

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS CRITICAL INFORMATION	
Name of Critical Information Sheet:	Greater Houston Channel Area, Harris County, TX
Location:	
Area of Coverage:	(b) (7)(F) [redacted]

	(b) (7)(F) [redacted]
Concerns:	Drain down could be (b) (7)(F) [redacted]
Upstream Block Valve:	1) (b) (7)(F) [redacted]
Downstream Block Valve:	(b) (7)(F) [redacted]
Critical Crossings:	Roads, waterways, etc. Green Bayou, Houston Ship Channel. Hwy I-10 is main east west road through Houston. Houston Ship Channel is south on Hwy I-10 1/2 mile. Heavy residential and industrial area throughout – possible leak sites. Greens Bayou runs under Hwy I-10 at Uvalde Road.

Local Officials:

Channelview Fire Department	(281) 452-2954 / 452-2662
Channelview Highway Patrol	(713) 681-1761
Channelview Sheriff	(713) 221-6000
Galena Park Highway Patrol	(713) 681-1761
Galena Park Sheriff	(713) 221-6000
Houston Fire Department	(713) 227-2323
Houston Highway Patrol	(713) 681-1761

Houston Sheriff	(713) 221-6000
Jacinto City Fire Department	(281) 673-1771
Jacinto City Highway Patrol	(713) 681-1761
Jacinto City Sheriff	(713) 221-6000
Parks and Wildlife Service	(517) 389-4800
Pasadena Fire Department	(281) 477-1122
Pasadena Highway Patrol	(713) 681-1761
Pasadena Sheriff	(713) 221-6000
Sheldon Fire Department	(281) 456-9166
Sheldon Highway Patrol	(713) 681-2761
Sheldon Sheriff	(713) 221-6000
Texas Department of Water Resources	(713) 460-0631
U.S. Coast Guard - Port Arthur	409-723-6500

Ultimate Points to Protect: Houston Ship Channel, Hwy. I-10, residential and industrial throughout area.

Boat Launch: Boat launch at I-10 and San Jacinto River – also 16000 Market Street at park and picnic area. Also east of Houston Pump station end of Wallisville Road.

Boom Deployment: a) See Boom Site A on the map for Greens Bayou, booms to be placed upstream of leak site at Hwy I-10 to protect product from going under I-10 bridge during high tide. Booms to be placed at Greens Bayou and Houston Ship Channel junction to protect Ship Channel. It is 2 miles from leak site to Ship Channel; b) See Boom Site B on the map for San Jacinto River. Booms to be placed at Wallisville Road 1 21 miles from leak site and at Hwy. I-10 bridge which is 3 miles from leak site; c) See Boom Site C on the map for Houston Ship Channel leak. This will be very difficult to put booms – large body of water, will require directional product toward shore with boom boats.

Independent Contractors:

Catastrophic Spill Contractors:

Staging Area: (b) (7)(F) [redacted]

Response Plan Actions: a) Notify CCT; b) Execute emergency shutdown of Port Arthur Station; c) Activate Cascade System of

	Notification; d) (1) Run Houston Station and North Stations until Houston Station automatically shuts down on low suction, (2) Leave Houston delivery open if emergency occurs while delivering to Galena Park; e) Isolate Houston Station if d)(1) applies; f) Close block valves on both sides of leak. (1) Close all valves on outgoing line at Port Arthur Station and block valve on eastside of Rodair Gully if leak is in Port Acres, (2) Close all valves on outgoing line at Port Arthur Station and block valves on eastside of Rodair Gully and Westside of Hillsbrandt Bayou if leak is in swamp area between Rodair Gully and Hillsbrandt Bayou; g) Dispatch men with emergency and pollution control equipment to site; h) Follow details set forth in Emergency Procedure Manual which includes evacuation, barricade area, contain product, prevent ignition, recover product, etc.; i) Drain line with vacuum trucks or pump around closed valve on eastside of leak site into Port Arthur launcher aligned to Port Arthur transfer pump via 4" launcher drain with discharge P.D. aligned to compatible product tank; j) Repair leak.

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS CRITICAL INFORMATION	
Name of Critical Information Sheet:	Spring Creek to San Jacinto River
Location:	
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted] 3) Shopping mall and residential – major media response.
Upstream Block Valve:	(b) (7)(F) [redacted] .
Downstream Block Valve:	(b) (7)(F) [redacted]
Critical Crossings:	Roads, waterways, etc., Santa Fe Railroad – FM 1960,

	Hwy. 59 flow of stream will be south to Lake Houston, leak site (San Jacinto River) is 5 miles above Hwy. 59 leak site, Spring Creek is 2 ½ miles above Hwy. 59.

Local Officials:

Atascocita Fire Department	(281) 852-2233
Atascocita Highway Patrol	(713) 681-1761
Atascocita Sheriff	(713) 221-6000
Eastex Freeway Fire Department	(281) 441-2244
Eastex Freeway Highway Patrol	(713) 681-1761
Eastex Freeway Sheriff	(713) 221-6000
Houston Fire Department	(713) 227-2323
Houston Highway Patrol	(713) 681-1761
Houston Sheriff	(713) 221-6000
Humble City Sheriff	(713) 221-6000
Humble Fire Department	(281) 446-2211
Humble Highway Patrol	(713) 681-1761
Lake Houston Anti-Pollution Control	(713) 880-2444
Lake Houston Water Pumping Station	(281) 456-9304
Parks and Wildlife Service	(517) 389-4800
Texas Department of Water Recourse	(713) 460-0631

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Boat launch and primary boom site is just north of Humble, TX at Hwy. 59 (Eastex Frwy.) and San Jacinto River. The San Jacinto and Spring Creek run together just west of this location, see map attached.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors:

Staging Area: North of Humble at Hwy. 59 and San Jacinto Bridge.

Response Plan Actions: a) Notify CCT; b) Executive emergency shutdown of Lake Charles Station; c) Actuate Cascade System of Notification; d) Run Huntsville Station and North Stations until Huntsville Station shuts down automatically on low suction; e) Isolate Huntsville Station and close mainline block valve; f) Close block

	valves on both sides of Spring Creek; g) Dispatch crew with control equipment to site; h) Contact local contractor for spill control, if necessary; i) Follow details set forth in Emergency Procedures Manual for containment of product and recovery of product; j) Repair leak

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS CRITICAL INFORMATION

Name of Critical Information Sheet: Trinity River

Location:

(b) (7)(F) [redacted]

Concerns: Lake Livingston – (b) (7)(F) [redacted].

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: Roads, waterways, etc., critical roads are Hwy. 19 – Hwy. 190.

Local Officials:

Crockett Fire Department	(409) 544-2222 (911)
Crockett Highway Patrol	(409) 544-2862
Crockett Sheriff	(409) 544-2862
Houston County Emergency Management , Crockett, TX	(409) 544-3255
Huntsville Fire Department	(409) 295-2323
Huntsville Highway Patrol	(409) 295-1577
Huntsville Sheriff	(409) 295-8154

Parks and Wildlife Service	(517) 389-4800
Texas Department of Water Recourse	(713) 460-0631

Ultimate Points to Protect: Livingston – Hwy. 19 and Hwy. 190

Boat Launch: Boat launch at Hwy. 19 at Lake Livingston 9 miles downstream from pipeline crossing. Place boom when the boat reaches the river, the river is running at 1 mph unless there has been recent heavy rain. As the boat goes upstream, place boom when product is found.

Boom Deployment: See above (Boat Launch)

Independent Contractors:

Catastrophic Spill Contractors:

Staging Area: Hwy. 19 Bridge or Carolina Cove Marina 2 miles east of riverside.

Response Plan Actions: a) Notify CCT; b) Execute emergency shutdown of Huntsville Station, Houston Station and origins; c) Activate Cascade System of Notification; d) Run Conroe and north stations until shuts down automatically on low suction; e) Isolate stations and close mainline block valve; f) (b) (7)(F) ; g) Dispatch men and OSRO; h) Contact local contractor for assistance, if necessary; i) Follow procedure for oil spills; j) Repair leak.

RESPONSE ZONE 1 PORT ARTHUR AND HOUSTON AREAS CRITICAL INFORMATION

Name of Critical Information Sheet: Sabine River/Cow Bayou

Location: (b) (7)(F)

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings:	Roads, waterways, railroads, etc. include flow normal flow is south, at high tide flow will be north, northeast. Mouth of Cow Bayou is 2 miles south of Crossing Sabine. Lake is 4 miles south of Crossing Intercoastal Waterway East is 2 miles northeast of crossing. Velocity very swift.

Local Officials:

Beaumont Highway Patrol	409-924-5456
Parks and Wildlife Service	(517) 389-4800
Texas Dept. of Water Resources	(409) 883-2973
U.S. Coast Guard - Port Arthur	409-723-6500
West Orange Fire Department	(409) 883-2266
West Orange Police	(409) 883-2612

Ultimate Points to Protect:	Sabine River, Cow Bayou, Sabine Lake and Marsh Lands
Boat Launch:	Launch boat at Firestone Recreation Area on east side of Cow Bayou. Recreation area is on East Round Bunch Road which is 2 miles east of Hwy. 87. Boat can also be 2 miles east of Cow Bayou Block Valves. Lottie's Landing can also be used on Hwy. 1006, Orange, TX, from there travel southwest on Sabine River 3 miles to where Cow Bayou enters Sabine River.
Boom Deployment:	Booms to be placed on north and south of block valves to protect from rising and lowering of tides. A boom should be placed across Cow Bayou where it runs into the Sabine River and Intercoastal Waterway 2 miles south of block valve location. See boom location H-I and F on map.
Independent Contractors:	
Catastrophic Spill Contractors:	
Staging Area:	Lottie's Landing on Hwy. 1006, Orange, TX.
Response Plan Actions:	

EXTERNAL NOTIFICATION REFERENCES

Texas

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Anderson County		
Elkhart Volunteer Fire Department	Elkhart, TX, Texas	(903) 764-2161
Tennessee Colony Volunteer Fire Department	Tennessee Colony, Texas	
Brazos County		
Brazos County Fire Department		(979) 361-4100
Brazos County LEPC		(979) 361-4141
Brazos County Sheriff Department	Bryan, Texas	(979) 361-4100
Bryan Fire Department	Bryan, Texas	(979) 209-5970
Bryan Police Department	Bryan, Texas	(979) 209-5301
College Station Fire Department	College Station , Texas	(979) 764-3700
Highway Patrol Bryan	Bryan, Texas	(979) 797-3101 (979) 776-3113
Chambers County		
Local Emergency Planning Committee (LEPC) - Chambers County	Anahuac, Texas	(409) 267-8343
Mont Belvieu/Barbers Hill Volunteer Fire Department	Mont Belvieu, Texas	(281) 576-2021
Local Emergency Planning Committee (LEPC)	Anahuac, TX, Texas	(409) 267-8343
Mont Belvieu Police Department	Mont Belvieu, TX, Texas	(281) 576-2417
Anahuac Volunteer Fire Department	Anahuac, Texas	(409) 267-8318
Winnie Stowell Fire Department	Winnie, Texas	(409) 296-4133
Bayside Community Hospital	Anahuac, Texas	(409) 267-3143 (409) 267-3143
Chambers County Sheriff's Department	Anahuac, Texas	(409) 267-8318
Eagle Medical Transport	Mont Belvieu, Texas	(877) 400-0367 (832) 208-3180
Highland Volunteer Fire Department	Highland, Texas	(281) 843-2466 (281) 843-2466
Kankamere Volunteer Fire Department	Hankamer, Texas	(409) 374-2736
Winnie Community Hospital	Winnie, Texas	(409) 296-6000 (409) 296-6000
Grimes County		
Grimes County LEPC		(936) 873-2151
Grimes County Sheriff Department		(936) 873-2151
Navasota Volunteer Fire Department	Navasota, Texas	(936) 825-3368
Grimes St. Joseph Health Center	Navasota, Texas	(936) 825-6444

South Brazos City Fire Department	Navasota, Texas	(936) 825-6960
Harris County		
Atascocita Volunteer Fire Department – Fire and Medical Alarm Only	Atascocita, Texas	(281) 852-2233
Baytown Fire Department	Baytown, Texas	(281) 427-8511
Baytown Police Department	Baytown, Texas	(281) 422-8371
City of Houston - Fire Alarm Only	Houston, TX, Texas	(713) 227-2323
Pasadena Police Department	Pasadena, TX, Texas	(713) 477-1221
Harris County Sheriff's Department	Houston, Texas	(713) 221-6000
Tomball Fire Department	Tomball, Texas	(281) 255-2411
Tomball Regional Hospital	Tomball, Texas	(281) 351-1623
Baycoast Medical Center	Baytown, Texas	(281) 420-6100 (281) 420-6100
East Houston Medical Center	Houston, Texas	(713) 393-2118 (713) 393-2000
Highway Patrol Houston	Houston, Texas	(281) 517-1300 (281) 517-1220
Houston Police Department	Houston, Texas	(281) 471-4797 (713) 453-6959
Kingwood Medical Center	Kingwood, Texas	(281) 348-8560 (281) 348-8000
Southwest Regional EMS	Houston, Texas	(281) 820-3900
Local Emergency Planning Committee (LEPC) - Harris County	Houston, TX, Texas	(713) 884-4227
Northeast Medical Center Hospital	Humble, TX, Texas	(281) 540-7700
Pasadena Fire Department	Pasadena, TX, Texas	(713) 477-1122
Sheldon Volunteer Fire Department	Houston, TX, Texas	(281) 456-9166
Bayshore Hospital	Pasadena, Texas	(713) 359-1440 (713) 359-2000
Beach City Volunteer Ambulance	Baytown, Texas	(821) 573-1196
Harris County Homeland Security and Emergency Management	Houston, TX, Texas	(713) 881-3100
Harris County Public Health and Environmental Services	Houston, TX, Texas	(713) 920-2831
Houston Mid Town Police Department	Houston, Texas	(713) 222-3131
Humble City Police Department	Humble, TX, Texas	(281) 466-7127
Humble Fire Department	Humble, TX, Texas	(281) 446-2211
Jacinto City Police Department	Houston, TX, Texas	(713) 672-2455
Crosby Fire Department	Crosby, TX, Texas	(281) 328-2300
Doctors Hospital East Loop	Houston, TX, Texas	(713) 675-3241
Eastex Freeway Volunteer Fire Department	Humble, TX, Texas	(281) 441-2244
Fire Marshall	Houston, TX, Texas	(281) 931-1085
Galena Park Fire Department	Galena Park, TX, Texas	(713) 674-5311
Galena Park Police Department	Galena Park, TX, Texas	(713) 675-3471
Houston County		

Houston County Sheriff's Department	Crockett, Texas	(936) 544-2862
Crockett Fire Department	Crockett, TX, Texas	(936) 544-2222
Crockett Police Department	Crockett, TX, Texas	(936) 544-2021
Grapeland Fire Department	Grapeland, TX, Texas	(936) 687-2222
Local Emergency Planning Committee (LEPC) - Houston County Texas	Crockett, Texas	(936) 544-5156
Slocum Fire Department	Crockett, TX, Texas	(936) 544-2222
Texas Division of Emergency Management	Austin, TX, Texas	(512) 424-2138
East Texas Medical Center	Crockett, Texas	(936) 545-4610 (936) 546-3862
Highway Patrol Lufkin	Lufkin, Texas	(936) 544-7050 (936) 699-7340
Jefferson County		
Port Arthur Fire Department	Port Arthur, Texas	(409) 983-8700
Jefferson County Sheriff's Department	Beaumont, Texas	(409) 835-8411
The Medical Center of Southeast Texas	Nederland, TX, Texas	(409) 727-2321
Fire Chief	Beaumont, TX, Texas	(409) 880-3901
Hamshire Volunteer Fire Department	Hamshire, TX, Texas	(409) 243-2311
Jefferson County Office of Emergency Management	Beaumont, TX, Texas	(409) 722-4371
St. Mary Hospital	Port Arthur, TX, Texas	(409) 985-7431
Highway Patrol Beaumont	Beaumont, Texas	(409) 924-5456 (409) 924-5400
Nederland Fire Department	Nederland, Texas	(409) 722-8262 (409) 723-1531
West Orange Fire Department	West Orange, Texas	(409) 883-2266 (409) 883-3468
Labelle Fannett Volunteer Fire Department	Beaumont, TX, Texas	(409) 796-1441
Local Emergency Planning Committee (LEPC)	Beaumont, TX, Texas	(409) 722-4371
Nederland Police Department	Nederland, TX, Texas	(409) 722-4965
Port Arthur Police Department	Port Arthur, TX, Texas	(409) 983-8600
Port Neches Fire Department	Port Neches, TX, Texas	(409) 722-5885
Port Neches Police Department	Port Neches, TX, Texas	(409) 722-1424
Liberty County		
Liberty County Sheriff's Department	Liberty, Texas	(936) 336-4500
Fire Marshall	Rye, TX, Texas	(936) 298-3359
Liberty County Emergency Management	Liberty, TX, Texas	(936) 336-4558
Liberty-Dayton Community Hospital	Liberty, TX, Texas	(409) 336-7316

Local Emergency Planning Committee (LEPC)	Liberty, TX, Texas	(936) 336-4558
Dayton Fire Department	Dayton, Texas	(936) 258-5323 (936) 258-5323
Dayton Police Department	Dayton, Texas	(936) 258-7621 (936) 258-7621
Liberty Fire Department	Liberty, Texas	(936) 336-3922 (936) 336-3922
Montgomery County		
Conroe Fire Department	Conroe, Texas	(936) 522-3080
Montgomery County Sheriff's Department 4	Magnolia, Texas	(936) 538-7864
Fire Marshall	Conroe, TX, Texas	(936) 538-8288
Local Emergency Planning Committee (LEPC)	Conroe, TX, Texas	(936) 760-5806
Magnolia Police Department		(281) 356-2500
Montgomery County Office of Emergency Management	Conroe, TX, Texas	(936) 760-5852
Heathrow Air Ambulance	Magnolia, Texas	(832) 934-2390
Highway Patrol Conroe	Conroe, Texas	(936) 442-2831 (936) 442-2822
magnolia Volunteer Fire Department	Magnolia, Texas	(281) 356-3288
Plantersville Stoneham Fire Department	Plantersville, Texas	(936) 894-9566 (936) 894-9566
ProTec Ambulance Service	Willis, Texas	(936) 856-8462
Oakridge North Police Department		(281) 292-4643
Montgomery County Sheriff's Department 1	Conroe, Texas	(936) 788-8371
Conroe Regional Medical Center	Conroe, Texas	(936) 539-7050 (936) 539-1111
Cut and Shoot Fire Department	Conroe, Texas	(936) 264-1313 (936) 264-1313
Cut and Shoot Police Department	Cut and Shoot, Texas	(936) 264-2173 (936) 264-2173
Grangerland Fire Department	Conroe, Texas	(936) 231-3527 (936) 231-3527
Orange County		
Bridge City Police Department	Bridge City, Texas	(409) 735-5332
Local Emergency Planning Committee (LEPC)	Orange, TX, Texas	(409) 886-6816
Memorial Hermann Baptist Hospital of Orange	Orange, TX, Texas	(409) 883-9361
Orange City Fire Department	Orange, TX, Texas	(409) 883-1050
Orange City Fire Marshall	Orange, TX, Texas	(409) 988-7360
Orange City Police Department	Orange, TX, Texas	(409) 883-1026
Orange County Office of Emergency Management	Orange, TX, Texas	(409) 882-7895
Orange County Sheriff's Department	Orange, TX, Texas	(409) 883-2612
West Orange Police Department	Orange, TX, Texas	(409) 883-7574
Bridge City Fire Department	Bridge City, Texas	(409) 735-3539 (409) 735-2419
Robertson County		

Bremond Police Department		(254) 746-7710
Calvert Police Department	Calvert, Texas	(979) 828-3299
Hearne Police Department	Hearne, Texas	(979) 279-5333
Robertson County Fire Department		(979) 828-3299
Robertson County LEPC		(979) 828-3542
Robertson County Sheriff Department		(979) 828-3299
Black Jack Volunteer Fire Station	Hearne, Texas	(979) 279-5881
Tarrant		
Tarrant County LEPC	Fort Worth, Texas	(817) 884-1804
Fort Worth Ambulance	Fort Worth, Texas	(817) 927-9620
Fort Worth Fire Department	Fort Worth, Texas	(817) 922-3000
Walker County		
Huntsville Fire Department	Huntsville, Texas	(936) 291-3047
Huntsville Police Department	Huntsville, TX, Texas	(936) 291-5444
Local Emergency Planning Committee (LEPC)	Huntsville, TX, Texas	(936) 436-4910
State Fire Marshall	Austin, TX, Texas	(512) 305-7900
Walker County Emergency Management	Huntsville, TX, Texas	(936) 435-2400
Walker County Sheriff's Department	Huntsville, Texas	(936) 435-2400
Huntsville Memorial Hospital	Huntsville, Texas	(936) 291-4583 (936) 291-3411
New Waverly Fire Department	New Waverly, Texas	(936) 344-6911 (936) 344-6911
Walker County EMS	Huntsville, Texas	(936) 295-4848

RESPONSE ZONE INFORMATION

RESPONSE ZONE CONTACT INFORMATION		
Owner Name:	Explorer Pipeline Company	
Addresses:	***Physical Address***	***Mailing Address***
	Explorer Pipeline Company 6120 South Yale Ave. Tulsa, Oklahoma 74136	Explorer Pipeline Company P.O. Box 2650 Tulsa, Oklahoma 74101
24 Hour Emergency Contact Phone Numbers:	(888) 876-0036 (24 Hours)	

Qualified Individuals		
NAME	OFFICE	OTHER
Carlos Denton	918-591-3142	214-532-7640

Alt. Qualified Individuals		
NAME	OFFICE	OTHER
Doug Lee	918-591-3143	214-709-3738

Other		
NAME	OFFICE	OTHER
ROW Greenville	918-591-3144	
Bonham	918-591-3360	
Coalgate	918-591-3356	
Durant	918-591-3358	
Greenville	918-591-3141	
Mabank	918-591-3380	
Palestine	918-591-3382	
Richardson	918-591-3376	
Darren Strege	918-591-3285	214-728-4526
Eric Lewis	918-591-3288	580-436-7949
Holly Nesler	918-591-3141	214-534-5187
Josh Payne	918-591-3141	214-862-8592
Terry Lollar	918-591-3141	214-864-1209
Todd Hackney	918-591-3148	903-274-6928
Tony Thomason	918-591-3144	214-289-7087

Telephone/Fax: Telephone references, including 24 hour numbers, for the Facility, Owner, and QI/AQI are provided in Figure 2.2.

Contracted Resources: Agreement numbers are on-file at Corporate Headquarters in Tulsa,

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	Oklahoma, and classifications are detailed in Appendix A.
States Traversed:	Texas and Oklahoma
Counties Traversed:	Anderson, Henderson, Van Zandt, Kaufman, Hunt, Coal, Pontotoc

RESPONSE ZONE INFORMATION

RESPONSE ZONE INFORMATION SUMMARY

Determination of Significant and Substantial Harm (DOT/PHMSA):

This Response Zone has been determined to meet the significant and substantial harm classification because at least one (1) line section within the response zone has met at least one of the criteria listed in 49CFR194.103(c)(1).

Pipeline Specifications:

- The tables below list the pipeline facilities within the Response Zone.

Line Segment	Starting Mile Post	Ending Mile Post	Type of Oil	States	Counties
12" Greenville to Grapevine	(b) (7)(F)		Refined Products	TX	Hunt
12" Greenville to Grapevine			Refined Products	TX	Collin
24" Greenville to Magellan			Refined Products	TX	Hunt
28" Greenville to Glenpool			Refined Products	TX	Hunt
28" Greenville to Glenpool			Refined Products	TX	Fannin
28" Greenville to Glenpool			Refined Products	TX	Bryan
28" Greenville to Glenpool			Refined Products	OK	Atoka
28" Greenville to Glenpool			Refined Products	OK	Coal
28"					

Greenville to Glenpool	(b) (7)(F)	Refined Products	OK	Pontotoc
28" Houston to Greenville		Refined Products	TX	Anderson
28" Houston to Greenville		Refined Products	TX	Henderson
28" Houston to Greenville		Refined Products	TX	Van Zandt
28" Houston to Greenville		Refined Products	TX	Kaufman
28" Houston to Greenville		Refined Products	TX	Hunt

Worst Case Discharge (Refer to Appendix B for calculations):

- **Potential Oil Group:** 2
- **DOT/PHMSA Planning Volume:** (b) (7)(F)

RESPONSE ZONE INFORMATION

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Palestine to Greenville
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	(b) (7)(F) [redacted]

Critical Crossings:

(b) (7)(F) [redacted]

Local Officials:

Henderson County Sheriff	(903) 675-5128
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133

Ultimate Points to Protect:

(b) (7)(F) [redacted]

Boat Launch:

1) Caney Creek north side of Hwy. #90 north of town of Malakoff; 2) Clear Creek launch site on Hwy. 2329 or Hwy. 90 Bridge; 3) Twin Creek launch site toward Northwood Marina on Hwy. 90 Bridge; 4) Lacy Creek launch Hwy, #175 or Cedar Knoll Marina, and Hwy. #85; 5) Cedar Creek Hwy. #175 and Country Club Road; 6) Purtis Creek State Park public boat ramps

Boom Deployment:

NA

Independent Contractors:

Catastrophic Spill Contractors:

Staging Area:

Athen's Airport phone (214) 677-1897, located south of town on Hwy. #19, look for sign

Response Plan Actions:

a) Vital information; b) Notify Dispatcher to begin emergency shutdown according to policy; c) Set in operation Cascade System of Notification; d) Contact Sheriff of Van Zandt County, phone (903) 567-4133. Also, notify Lake and Park Superintendent, Jess Ramsey, phone (903) 425-2332; e) Dispatch personnel

	to close block valves south side of (b) (7)(F) and north side of (b) (7)(F) ; f) Evaluate the situation and dispatch personnel and contractor to response site with necessary material and equipment; g) Proceed with containment and repair in accordance with Emergency Procedure Manual; h) Establish a communication command post; i) Close block valves on both sides of Trinity River; j) Dispatch men with pollution control equipment; k) Contact local contractor for assistance, if necessary; l) Follow procedure for oil spills outlined in the Emergency Procedure Manual; m) Repair leak

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Palestine to Greenville, Lake Tawakoni
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Sabine River Authority	(903) 598-2216
Van Zandt County Sheriff	(903) 567-4133
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch:	1) Hwy. #34 south of Quinlan; 2) King Marina Hwy. #751 north side of bridge; 3) FMR #751, north of Stop & Shop Center; 4) Duck Cove Landing, south side of lake on FMR #751; 5) 429 Marina, on Kitsee Inlet; 6) Caddo Creek Landing, Hwy. #2101; 7) Hwy. #35, West Tawakoni, north side of bridge; 8) Hwy. #35, East Tawakoni, north side of bridge; 9) Wind Point Park, south end of park Hwy. #1571
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	
Staging Area:	Greenville Station, two (2) miles south of Caddo Mills, TX on FMR #36
Response Plan Actions:	a) Vital information; b) Notify Dispatcher to began emergency shutdown and dispatch local personnel to (b) (7)(F)) Notify Sabine River Authority, phone (214) 598-2216, to shutdown discharge from the lake to reduce current; d) Set in operation Cascade System of Notification; e) Notify Sheriff in Hunt County, phone (903) 455-3502, to assist in evacuating lake areas affected; f) Evaluate the situation and dispatch personnel and contractor as needed to necessary response site; g) Establish a communication command post; h) Follow Emergency Procedure Manual policies and guidelines

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Palestine to Greenville Station, Terrell City Lake
Location:	TBA
Area of Coverage:	(b) (7)(F)
Concerns:	(b) (7)(F) a) Ables Springs WSC, contact: Toni Flanagal; b) College Mounds WSC, contact: Tommy Sneed; c) Elmo Water WSC, contact: Billy R.

	Anderson; d) Highpoint WSC, contact: Sammy Bland (972) 563-0696; e) Lawrence WSC, contact: Monty Giffin; f) North Kaufman WSC, contact: Alma Smith (972) 962-7614; g) Poetry WSC, contact: Paul Foster (972) 222-8676; h) Rosehill WSC, contact: Mrs. Byron Smith (972) 932-3077; i) City of Terrell, contact: Stan Fowler
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F) [redacted]
Local Officials:	

Ables Spring WSC	
College Mounds WSC	
Elmo Water WSC	
Highpoint WSC	(903) 563-0696
Lawrence WSC	
North Kaufman	(903) 932-7614
Poetry WSC	(903) 222-8676
Rosehill WSC	(903) 932-7614
Sheriff of Kaufman County	(972) 932-4337

Ultimate Points to Protect:	(b) (7)(F) [redacted]
Boat Launch:	The lake is approximately two (2) miles long with several launching areas available.
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	
Staging Area:	Greenville Station 2 miles south of Caddo Mills on FMR

	#36
Response Plan Actions:	a) Obtain vital information; b) Notify dispatcher to begin emergency shutdown according to Explorer Pipeline's policy; c) Contact Sheriff of Kaufman County, TX, phone (972) 932-4337, to assist in evacuating the lake of pleasure crafts; d) Set in operation Cascade System of Notification; e) (b) (7)(F) f) Evaluate situation and dispatch personnel, and contractors to designated response area with equipment needed for containment and repair; g) Establish communication command post; h) Proceed with containment and repairs according to Emergency Procedure Manual

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Greenville to Durant Station, Red River
Location:	TBA
Area of Coverage:	(b) (7)(F)
Concerns:	(b) (7)(F)
Upstream Block Valve:	(b) (7)(F)
Downstream Block Valve:	
Critical Crossings:	1) Hwy. #78, four (4) miles east of Explorer; 2) Hwy. #271, seventy (70) miles east of Explorer
Local Officials:	
Army Corp of Engineers at Lake Texoma	(903) 465-4990

Irrigation Intake	(903) 966-2439
Irrigation Water Intake	(903) 732-5000
Lawrence WSC	
Sheriff of Bryan County	(405) 924-3000
Sheriff of Fannin County	(903) 583-2143

Ultimate Points to Protect: 1) Irrigation intake, 70 miles east of Explorer; 2) Irrigation intake, 100 miles east of Explorer

Boat Launch: 1) Hwy. #78, 4 miles east of Explorer; 2) Hwy. #271, 70 miles east of Explorer; 3) Numerous private and farm roads on both sides of the river

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors:

Staging Area: Jones Field Airport on Hwy. #78 north of Bonham, TX, (903) 583-8623

Response Plan Actions: a) Obtain vital information; b) Relay information to Dispatcher, Dispatcher shutdown system in accordance with procedure, dispatch personnel to close block valves; c) Set in operations Cascade System of Notification; d) Contact Army Corp of Engineers at Texoma Denison Dam site and request shutdown of discharge water into the Red River, phone (903) 465-4990, Resident Engineer; e) Contact Sheriff's Department in Fannin County, TX, phone (903) 583-2143, and Bryan County, OK, phone (405) 924-3000. Request Parks and Wildlife personnel to evacuate river of persons in pleasure or commercial crafts; f) Evaluate situation and dispatch personnel, and contractors to designated response area with equipment needed for containment and repair; g) Establish communication command post, h) Proceed with containment and repairs according to Emergency Procedure Manual.

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Greenville to Jonel Creek, Lake Ray Hubbard

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve:

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Dallas Water Operation or Mr. Strenger at Lake Ray Hubbard	(214) 670-8060
Sheriff of Hunt County	(903) 455-3502
Sheriff, Collin County	(972) 600-1023
T.U. Electric Power Plant,	(214) 812-8200

Ultimate Points to Protect: 1) Lake Ray Hubbard; 2) City of Wylie, TX

Boat Launch: 1) Hwy. #2755, south of Explorer; 2) Hwy. #205, 12 miles south of Explorer crossing; 3) Hwy. #78 at east fork of the Trinity River; 4) Hwy. #66 east side of Lake Ray Hubbard; 5) Several housing developments on east and west side of Lake Ray Hubbard.

Boom Deployment:

Independent Contractors:

Driver Pipeline Excavating	(214) 638-7131

Catastrophic Spill Contractors:

Staging Area: Greenville Terminal, 2 miles southeast of Caddo Mills, TX on FMR #36

Response Plan Actions: a) Obtain vital information; 2) Relay information to Dispatcher for emergency shutdown of 1211 line; c) Contact Sheriff of Collin County, phone (214) 600-1023, to assist in possible evacuation of residents, and pleasure crafts on Ray Hubbard Lake; d) Set in operation Cascade System of Notification; e) (b) (7)(F) [redacted]; f) Establish communication command post; g) Proceed with containment and repairs according to Emergency Procedure Manual

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Jones Creek to White Rock Creek, White Rock Lake

Location: TBA

Area of Coverage: [redacted]

Concerns: White Rock Lake, White Rock Lake is owned and operated by the City of Dallas and is used for pleasure only. Explorer crosses approximately four (4) miles of watershed to the creek and lake. The area is covered by very expensive home and business complexes.

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve:

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Dallas County Sheriff	(417) 345-2441
Dallas Fire Department	(214) 466-3333
Dallas Police Department	(214) 466-3333

Ultimate Points to Protect: White Rock Lake

Boat Launch: 1) Arapaho Road; 2) Spring Valley Road; 3) Alpha Road; 4) Service Road on I-635; 5) Service Road on Hwy. 75; 6) Greenville Avenue; 7) Walnut Hill Lane; 8) Fair Oaks Road; 9) Abrams Road; 10) Skillman Street; 11) Mockingbird Lane; 12) Pullenboat Ramp off Buckner Boulevard

Boom Deployment:

Independent Contractors:

Driver Pipeline Excavating	(214) 638-7131

Catastrophic Spill Contractors:

Staging Area: Addison Airport at Beltline and Addison Road

Response Plan Actions: a) Vital information; b) Relay information to Dispatcher; c) Contact Sheriff, Police, and Fire Department to assist in evacuation of residents, traffic control, and pleasure crafts on White Rock Lake; d) Set in operation Cascade System of Notification; e) Dispatch personnel to (b) (7)(F) [redacted] f) Dispatch personnel, and or contractors to spill site with necessary equipment to contain product and repair damaged pipe; g) Establish communication command post; h) Proceed with clean-up and repairs to pipeline in accordance with Emergency Procedure Manual

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Trinity River

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: (b) (7)(F) [redacted] areas as Los Colinas, D/FW, City of Grapevine, and major industrial area all along the pipeline. We also, cross several major highways which include I-35, I-635, Hwy. 114, Hwy. 121, Hwy. 26, Hwy. 183, and Loop 12

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Coppell Police Department	(972) 323-5505
Dallas County Sheriff	(417) 345-2441
Tarrant County Sheriff	(817) 334-1315

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: 1) Valley View Lane and Explorer; 2) Royal Lane and Explorer; 3) Hwy. #348; 4) Hwy. #114; 5) Loop 12 and west side Dallas; 6) Hwy. #183; 7) Westmoreland Road; 8) Hampton Road; 9) Continental Avenue; 10) Commerce Road; 11) Houston ViaDuct; 12) Jefferson Boulevard; 13) Corinith Street; 14) Martin Luther King Boulevard; 15) Hwy. #75; 15) Hwy. #75; 16) Loop 12 –

	south side Dallas; 17) I-635 south side Dallas; 18) Beltline Road – south side Dallas; 19) Hwy. #34 – south of Rosser, TX; 20) Hwy. #85 – east of Ennis, TX; 21) Hwy. #31 – west of Athens, TX; 22) Hwy. #387 – west of Cayuga, TX
Boom Deployment:	
Independent Contractors:	
Driver Pipeline Excavating	(214) 638-7131
Catastrophic Spill Contractors:	
Staging Area:	(b) (7)(F) [redacted]
Response Plan Actions:	a) Vital information; b) Relay information to Dispatcher; c) Contact Sheriff in Dallas County, phone (214) 749-8641, Carrollton Police Department, phone (972) 466-3333; Carrollton Fire Department, phone (972) 466-3333 to assist in traffic control and evacuating of residents, businesses and water crafts; d) Set in operation Cascade System of Notification; e) (b) (7)(F) [redacted] Dispatch personnel, and or contractors to spill site with necessary equipment to contain product and repair damaged pipe; g) Establish communication command post; h) Proceed with clean-up and repairs to pipeline in accordance with Emergency Procedure Manual

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Grapevine to Fort Worth
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]

	ways and surrounded by highly populated areas and business.
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F) [redacted]
Local Officials:	
Colleyville Fire Department	(817) 281-3132
Colleyville Police Department	(817) 281-3132
Fort Worth Fire Department	(817) 871-6800
Fort Worth Police Department	(817) 335-4222
Halton City Fire Department	(817) 834-7321
Halton City Police Department	(817) 834-7321
Hurst Fire Department	(817) 788-7238
Hurst Police Department	(817) 788-7180
North Richland Hills Fire Department	(817) 581-5670
North Richland Hills Police Department	(817) 281-1000
Southlake Fire Department	(817) 488-7222
Southlake Police Department	(817) 481-5581
Ultimate Points to Protect:	(b) (7)(F) [redacted]
Boat Launch:	1) Intersection of Hwy. 121 and Midway Road; 2) Intersection of Hwy. 121 and Carson Road
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	
Staging Area:	
Response Plan Actions:	

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Lake Tawakoni

Location: (b) (7)(F) [redacted]

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

City of Dallas	(214) 670-8060
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Sabine River Authority	(903) 598-2216
Van Zandt County Sheriff	(903) 567-4133

Ultimate Points to Protect:

1. (b) (7)(F) [redacted]

Boat Launch:

Caney Creek north side of Hwy. #90, north of town of Malakoff; Clear Creek Launch Site on Hwy. 2329 or Hwy. 90 bridge; Twin Creek Launch Site toward Northwood Marina on Hwy. #90 bridge; Lacy Creek Launch Hwy. #175 or Cedar Knoll Marina, and Hwy. #85; Cedar Creek Hwy. #175 and Country Club Road; Purtis Creek State Park public Doar ramps

Boom Deployment:	See above (Boat Launch)
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Staging Area:	Athen's Airport phone #(214) 677-1897; located south of town on Hwy. #19, look for sign
Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	Palestine to Greenville
Location:	(b) (7)(F) [redacted]
Area of Coverage:	
Concerns:	
Upstream Block Valve:	
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F) [redacted]

Local Officials:

Henderson County Sheriff	(903) 675-5128
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133

Ultimate Points to Protect:	(b) (7)(F) [redacted] 2. Purtis Creek Lake Recreational Park
Boat Launch:	Caney Creek north side of Hwy. #90, north of town of Malakoff; Clear Creek Launch Site on Hwy. 2329 or Hwy. 90 bridge; Twin Creek Launch Site toward Northwood Marina on Hwy. #90 bridge; Lacy Creek Launch Hwy. #175 or Cedar Knoll Marina, and Hwy. #85; Cedar Creek Hwy. #175 and Country Club Road; Purtis Creek State Park public Doar ramps
Boom Deployment:	See above (Boat Launch)
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Staging Area:	Athen's Airport phone #(214) 677-1897; located south of town on Hwy. #19, look for sign
Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	(b) (7)(F) [redacted]
Location:	Henderson County, TX
Area of Coverage:	
Concerns:	
Upstream Block Valve:	
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F) [redacted]

Local Officials:

Henderson County Sheriff	(903) 675-5128
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332

Tarrant County Water Commission	(214) 432-2814
Ultimate Points to Protect:	(b) (7)(F) [redacted]
Boat Launch:	Caney Creek North side of Highway #90 north of town of Malakoff.
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Staging Area:	Athen's Airport phone (214) 677-1897, located south of town on Hwy. #19, look for sign
Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	(b) (7)(F) [redacted]
Location:	Henderson County, TX
Area of Coverage:	
Concerns:	
Upstream Block Valve:	
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F) [redacted]

Local Officials:

Henderson County Sheriff	(903) 675-5128
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Clear Creek Launch Site on Hwy 2329 or Hwy 90 bridge.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors: NA

Staging Area: Athen's Airport phone (214) 677-1897, located south of town on Hwy. #19, look for sign

Response Plan Actions: NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F) [redacted]

Location: Henderson County and Van Zandt County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F)

Local Officials:

Henderson County Sheriff	(903) 675-5128
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133

Ultimate Points to Protect: (b) (7)(F)

Boat Launch: Twin Creek Launch Site toward Northwood Marina on Hwy #90 bridge.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors: NA

Staging Area: Athen's Airport phone (214) 677-1897, located south of town on Hwy. #19, look for sign

Response Plan Actions: NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F)

Location: Van Zandt County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Twin Creek Launch Site toward Northwood Marina on Hwy #90 bridge. Purtis Creek State Park public Doar ramps.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors: NA

Staging Area: Athen's Airport phone (214) 677-1897, located south of town on Hwy. #19, look for sign

Response Plan Actions: NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F) [redacted]

Location: Van Zandt County and Kaufman County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Kaufman County Sheriff	(972) 93204337
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814
Van Zandt County Sheriff	(903) 567-4133

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Lacy Creek Launch Hwy #175 and Cedar Knoll Marina, and Hwy #85.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors: NA

Staging Area: Athen's Airport phone (214) 677-1897, located south of town on Hwy. #19, look for sign

Response Plan Actions: NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F) [redacted]

Location: Hunt County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Hunt County Sheriff	(903) 455-3502
Lake and Park Superintendent (Purtis Creek)	(903) 425-2332
Tarrant County Water Commission	(214) 432-2814

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Cedar Creek Hwy #175 and Country Club Road.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors: NA

Staging Area: Athen's Airport phone (214) 677-1897, located south of town on Hwy. #19, look for sign

Response Plan Actions: NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F)

Location: Kaufman County, TX

Area of Coverage:

Concerns:

Upstream Block Valve: (b) (7)(F)

Downstream Block Valve: (b) (7)(F)

Critical Crossings: (b) (7)(F)

Local Officials:

City of Terrell Water Supply	(903) 563-2681
Highpoint WSC	(903) 563-0696
North Kaufman	(903) 932-7614
Poetry WSC	(903) 222-8676
Rosehill WSC	(903) 932-7614
Sheriff of Kaufman County	(972) 932-4337

Ultimate Points to Protect: (b) (7)(F)

Boat Launch: The lake is approximately 2 miles long with several launching areas available.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors: NA

Staging Area:	Greenville Station 2 miles south of Caddo Mills on FMR #36
Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F))

Location: Hunt County and Kaufman County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F)

Local Officials:

Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Kaufman County Sheriff	(972) 93204337
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134

Ultimate Points to Protect: (b) (7)(F)

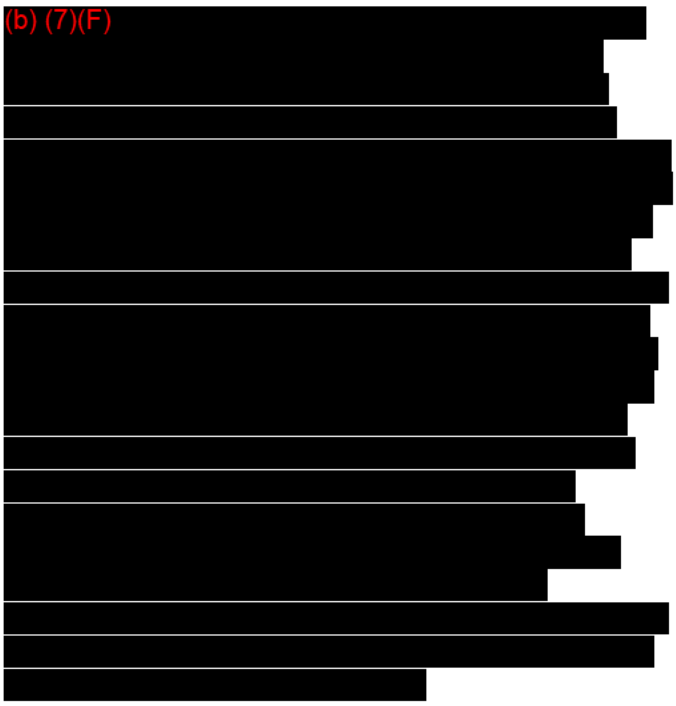
	(b) (7)(F) [redacted]
Boat Launch:	Hwy #34 south of Quinlan. King Marina Hwy #751 north side of bridge. FMR #751, north of Stop & Shop Center. Duck Cover Landing, south side of lake on FMR #751. 429 Marina, on Kitsee Inlet. Caddo Creek Landing, Hwy 2101. Hwy #35, West Tawakoni, north side of bridge. Hwy #35, East Tawakoni, north side of bridge. Wind Point Park, south end of Park Hwy #1571.
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Staging Area:	Greenville Station, 2 miles south of Caddo Mills, TX on FMR #36.
Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	(b) (7)(F) [redacted]
Location:	Hunt County, TX
Area of Coverage:	
Concerns:	
Upstream Block Valve:	
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F) [redacted]
Local Officials:	

Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134

Ultimate Points to Protect:

(b) (7)(F)



Boat Launch:

Hwy #34 south of Quinlan. King Marina Hwy #751 north side of bridge. FMR #751, north of Stop & Shop Center. Duck Cover Landing, south side of lake on FMR #751. 429 Marina, on Kitsee Inlet. Caddo Creek Landing, Hwy 2101. Hwy #35, West Tawakoni, north side of bridge. Hwy #35, East Tawakoni, north side of bridge. Wind Point Park, south end of Park Hwy #1571.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors:

NA

Staging Area:

Greenville Station, 2 miles south of Caddo Mills, TX on FMR #36.

Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F)

Location: Hunt County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F)

Local Officials:

Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134

Ultimate Points to Protect: (b) (7)(F)

Boat Launch:	Hwy #34 south of Quinlan. King Marina Hwy #751 north side of bridge. FMR #751, north of Stop & Shop Center. Duck Cover Landing, south side of lake on FMR #751. 429 Marina, on Kitsee Inlet. Caddo Creek Landing, Hwy 2101. Hwy #35, West Tawakoni, north side of bridge. Hwy #35, East Tawakoni, north side of bridge. Wind Point Park, south end of Park Hwy #1571.
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Staging Area:	Greenville Station, 2 miles south of Caddo Mills, TX on FMR #36.
Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	(b) (7)(F)
Location:	Hunt County, TX
Area of Coverage:	
Concerns:	
Upstream Block Valve:	
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F)

Local Officials:

Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216

West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Hwy #34 south of Quinlan. King Marina Hwy #751 north side of bridge. FMR #751, north of Stop & Shop Center. Duck Cover Landing, south side of lake on FMR #751. 429 Marina, on Kitsee Inlet. Caddo Creek Landing, Hwy 2101. Hwy #35, West Tawakoni, north side of bridge. Hwy #35, East Tawakoni, north side of bridge. Wind Point Park, south end of Park Hwy #1571.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors: NA

Staging Area: Greenville Station, 2 miles south of Caddo Mills, TX on FMR #36.

Response Plan Actions: NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F) [redacted]

Location: Hunt County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Hwy #34 south of Quinlan. King Marina Hwy #751 north side of bridge. FMR #751, north of Stop & Shop Center. Duck Cover Landing, south side of lake on FMR #751. 429 Marina, on Kitsee Inlet. Caddo Creek Landing, Hwy 2101. Hwy #35, West Tawakoni, north side of bridge. Hwy #35, East Tawakoni, north side of bridge. Wind Point Park, south end of Park Hwy #1571.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors:	NA
Staging Area:	Greenville Station, 2 miles south of Caddo Mills, TX on FMR #36.
Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Elm Creek

Location: Hunt County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134

Ultimate Points to Protect: (b) (7)(F) [redacted]

	(b) (7)(F) [redacted]
Boat Launch:	Hwy #34 south of Quinlan. King Marina Hwy #751 north side of bridge. FMR #751, north of Stop & Shop Center. Duck Cover Landing, south side of lake on FMR #751. 429 Marina, on Kitsee Inlet. Caddo Creek Landing, Hwy 2101. Hwy #35, West Tawakoni, north side of bridge. Hwy #35, East Tawakoni, north side of bridge. Wind Point Park, south end of Park Hwy #1571.
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Staging Area:	Greenville Station, 2 miles south of Caddo Mills, TX on FMR #36.
Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	(b) (7)(F) [redacted]
Location:	Hunt County, TX
Area of Coverage:	
Concerns:	
Upstream Block Valve:	
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F) [redacted]

Local Officials:

Cash Rural Water District	(903) 883-2443
City of Dallas	(214) 670-8060
Commerce Water Plan	(903) 886-1156
Emory	(903) 473-2465
Hunt County Sheriff	(903) 455-3502
Sabine River Authority	(903) 598-2216
West Tawakoni	(903) 447-1185
Wind Point	(903) 662-5134

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Hwy #34 south of Quinlan. King Marina Hwy #751 north side of bridge. FMR #751, north of Stop & Shop Center. Duck Cover Landing, south side of lake on FMR #751. 429 Marina, on Kitsee Inlet. Caddo Creek Landing, Hwy 2101. Hwy #35, West Tawakoni, north side of bridge. Hwy #35, East Tawakoni, north side of bridge. Wind Point Park, south end of Park Hwy #1571.

Boom Deployment:

Independent Contractors:

Catastrophic Spill Contractors: NA

Staging Area: Greenville Station, 2 miles south of Caddo Mills, TX on FMR #36.

Response Plan Actions: NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	(b) (7)(F) [redacted]
Location:	Fannin County, TX and Bryan County, OK
Area of Coverage:	
Concerns:	
Upstream Block Valve:	
Downstream Block Valve:	
Critical Crossings:	(b) (7)(F) [redacted]

Local Officials:

Army Corps. Of Engineers at Lake Texoma contact and request a shutdown of discharge into Red River	(903) 465-4990
Irrigation Intake, Woodlands Farm. Mgr.	(903) 966-2439
Irrigation Water IntakeIrrigation Water Intake, Clyde Claudell	(903) 732-5000
Sheriff of Bryan County, OK	(405) 924-3000
Sheriff of Fannin County, TX	(903) 583-2143

Ultimate Points to Protect:	(b) (7)(F) [redacted]
Boat Launch:	Hwy #78, 4 miles east of Explorer; Hwy #271, 70 miles east of Explorer; Numerous private and farm roads on both sides of the river.
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Staging Area:	Jones Field Airport on Hwy #78 north of Bonham, Texas

Response Plan Actions:	NA

RESPONSE ZONE 2 GREENVILLE AREA CRITICAL INFORMATION

Name of Critical Information Sheet: (b) (7)(F)

Location: Hunt County, TX and Collin County, TX

Area of Coverage:

Concerns:

Upstream Block Valve:

Downstream Block Valve:

Critical Crossings: (b) (7)(F)

Local Officials:

Dallas Water Operation	(214) 226-5002
Mr. Strenger at Lake Ray Hubbard	(214) 670-8060
Sheriff of Collin County, TX	(972) 600-1023
Sheriff of Hunt County, TX	(903) 455-3502
T.U. Electric Power Plant, Lake Ray Hubbard	(214) 812-8200

Ultimate Points to Protect: (b) (7)(F)

Boat Launch:	Hwy #2755, south of Explorer; Hwy #205, 12 miles south of Explorer crossing; Hwy #78 at east fork of the Trinity River; Hwy #66, east side of Lake Ray Hubbard; Several housing developments on east and west side of Lake Ray Hubbard.
Boom Deployment:	
Independent Contractors:	
Catastrophic Spill Contractors:	NA
Staging Area:	Greenville Terminal 12 miles southeast of Caddo Mills, Texas on FMR #36.
Response Plan Actions:	NA

EXTERNAL NOTIFICATION REFERENCES

Oklahoma

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Atoka County		
County Sheriff	Atoka, OK, Oklahoma	(580) 889-2221
Fire Chief # rolls over to the FD	Atoka, OK, Oklahoma	(580) 889-2121
Local Emergency Planning Committee (LEPC)	Atoka, OK, Oklahoma	(580) 889-2221
Bryan County		
County Sheriff	Durrant, OK, Oklahoma	(580) 924-3000
Durant Fire Department	Durant, OK, Oklahoma	(580) 924-2358
Durant Police,Fire,& EMS Departments for Bryan County	Durant, OK, Oklahoma	(580) 924-3737
Local Emergency Planning Committee (LEPC)	Durrant, OK, Oklahoma	(580) 924-7222
Medical Center of Southeastern Oklahoma	Durant, OK, Oklahoma	(580) 924-3080
Oklahoma Office of Civil Emergency Management	Oklahoma City, OK, Oklahoma	(405) 521-2481
Coal County		
Coalgate Fire Department	Coalgate, OK, Oklahoma	(580) 927-3913
Coalgate Police Department	Coalgate, OK, Oklahoma	(580) 927-3913
County Sheriff	Coalgate, OK, Oklahoma	(580) 927-2121
Local Emergency Planning Committee (LEPC)	Coalgate, OK, Oklahoma	(580) 927-3913 58092739123911
Mary Hurly Hospital	Coalgate, OK, Oklahoma	(580) 927-2327
Oklahoma Office of Civil Emergency Management	Oklahoma City, OK, Oklahoma	(405) 521-2481
State Fire Marshall	Oklahoma City, OK, Oklahoma	(405) 522-5005 (405) 522-5011
Hughes County		
Allen Police Department	Allen, Oklahoma	(580) 857-2722
Pontotoc County		
City of Ada Fire Department	Ada, OK, Oklahoma	(580) 332-4466
County Sheriff	Ada, Oklahoma	(580) 332-4169
County Sheriff	Ada, OK, Oklahoma	(580) 332-4169
Fire Department	Ada, Oklahoma	(580) 436-8076

Local Emergency Planning Committee (LEPC)	Ada, OK, Oklahoma	(580) 332-4466
Pontotoc County Emergency Management(Gene Linton)	Ada, OK, Oklahoma	(580) 436-8015

Texas

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Anderson County		
Anderson County Department of Emergency Management	Palestine, TX, Texas	(903) 723-7813
Athens Fire Department	Athens, TX, Texas	(903) 675-2231 (903) 677-6636
Athens Police Department	Athens, TX, Texas	(903) 675-5454
East Texas Medical Center – Athens	Athens, TX, Texas	(903) 675-2216
Fire Department – To Report a Fire	Palestine, TX, Texas	(903) 729-2254 (903) 729-7100
Anderson County Sheriff's Department	Palestine, Texas	(903) 729-6068 (903) 729-6068
Highway Patrol/Texas Rangers Palestine	Palestine, Texas	(903) 729-3124
Fire Marshall	Palestine, TX, Texas	(903) 731-8464
Local Emergency Planning Committee (LEPC) Anderson County	Palestine, Texas	(903) 723-7813
Palestine Police & Fire Department	Palestine, TX, Texas	(903) 729-2254
Palestine Regional Medical Center	Palestine, TX, Texas	(903) 731-1000
Texas Division of Emergency Management	Athens, TX, Texas	(512) 424-2138
Texas Rangers	Palestine, TX, Texas	(903) 661-5000
Chambers County		
State Fire Marshall	Austin, TX, Texas	(512) 305-7900
Collin County		
Baylor Richardson Medical Center	Richardson, TX, Texas	(972) 498-4000
Collin County Sheriff	McKinney, TX, Texas	(972) 547-5100 (972) 547-5350
Farmersville Fire Department	Farmersville, TX, Texas	(972) 782-6093
Farmersville Police Department	Farmersville, TX, Texas	(972) 782-6141
Collin Fire Marshall	McKinney, TX, Texas	(972) 548-5576
Lake Pointe Medical Center	Rowlett, TX, Texas	(972) 412-2273
Local Emergency Planning Committee (LEPC)	McKinney, TX, Texas	(214) 491-6840
Plano Police Department	Plano, TX, Texas	(972) 941-7900

Texas Division of Emergency Management	McKinney, TX, Texas	(512) 424-2138
Wylie Police/Fire & EMS Department	Wylie, TX, Texas	(972) 442-8171
Dallas County		
Baylor Medical Center at Irving	Irving, TX, Texas	(972) 579-8110
City of Irving Fire Department	Irving, TX, Texas	(972) 721-2308
City of Irving Non-Emergency Number	Irving, TX, Texas	(972) 721-2518
City of Richardson Fire Department	Dallas, TX, Texas	(972) 744-4800
County Sheriff	Dallas, TX, Texas	(214) 653-3450
Parkland Memorial Hospital	Dallas, TX, Texas	(214) 590-8000
RHD Memorial Medical Center	Farmers Branch, TX, Texas	(972) 247-1000
Rockwall Police Department	Rockwall, TX, Texas	(972) 771-7717
Town of Addison Fire	Addison, TX, Texas	(972) 233-1111
Fire Marshall	Dallas, TX, Texas	(214) 670-4319
Lake Pointe Medical Center	Rowlett, TX, Texas	(972) 412-2273
Local Emergency Planning Committee (LEPC)	Dallas, TX, Texas	(214) 920-5990
Dallas County Office of Security and Emergency Management	Dallas, TX, Texas	(214) 653-7980
Fannin County		
Bonham Police, Fire, EMS Station	Bonham, TX, Texas	(903) 583-2141
County Sheriff	Bonham, TX, Texas	(903) 583-2143
Fannin County Emergency Management	Bonham, TX, Texas	(903) 640-8484
Leonard Police Department	Leonard, TX, Texas	(903) 587-2234
Local Emergency Planning Committee (LEPC)	Bonham, TX, Texas	(903) 640-8484
Northeast Medical Center	Bonham, TX, Texas	(903) 583-8585
State Fire Marshall	Austin, TX, Texas	(512) 305-7900
Henderson County		
County Sheriff	Athens, TX, Texas	(903) 675-9275
Fire Marshall	Athens, TX, Texas	(903) 675-6157
Highway Patrol	Athens, TX, Texas	(903) 675-4172
Local Emergency Planning Committee (LEPC)	Athens, TX, Texas	(903) 677-7242
Hunt County		
City of Caddo Mills Fire Department	Caddo Mills, TX, Texas	(903) 527-3333
City of Greenville Police Department	Greenville, TX, Texas	(903) 457-2900
County Sheriff	Greenville, TX, Texas	(903) 453-6800
Fire Marshall	Greenville, TX, Texas	(903) 408-4246 (903) 450-7001
Greenville Fire Station	Greenville, TX, Texas	(903) 457-2950
Hunt County Emergency Management	Greenville, TX, Texas	(903) 453-6800
Local Emergency Planning Committee (LEPC)	Greenville, Texas	(903) 408-4246
Hunt Regional Medical Center at Greenville	Greenville, TX, Texas	(903) 408-5000
Kaufman County		
Kaufman County Sheriff	Kaufman, Texas	(972) 932-4337
Fire Marshall	Kaufman, TX, Texas	(469) 376-4110

Local Emergency Planning Committee (LEPC)	Kaufman, TX, Texas	(972) 932-9696
Terrell Police Department	Terrell, TX, Texas	(972) 551-6622
Texas Division of Emergency Management	Austin, TX, Texas	(512) 424-2138
Tarrant County		
Baylor Medical Center	Grapevine, TX, Texas	(817) 488-7546
Coppell Police Department	Coppell, TX, Texas	(972) 304-3610
County Sheriff	Fort Worth, TX, Texas	(817) 884-3099
Fire Marshall	Fort Worth, TX, Texas	(817) 838-4660
Grapevine Police Department	Grapevine, TX, Texas	(817) 410-8127
Local Emergency Planning Committee (LEPC)	Fort Worth, TX, Texas	(817) 871-6171
RHD Memorial Medical Center	Farmers Branch, TX, Texas	(972) 247-1000
Southlake Department of Public Safety	Southlake, TX, Texas	(817) 481-2810
Texas Division of Emergency Management	Austin, TX, Texas	(512) 424-2138
Van Zandt County		
Canton Fire Department	Canton, TX, Texas	(903) 567-6477
Canton Police Department	Canton, TX, Texas	(903) 567-4991
City of Wills Point Ambulance and Fire Emergency Calls	Wills Point, TX, Texas	(903) 873-2222
County Sheriff	Canton, TX, Texas	(903) 567-4133
Cozby-Germany Hospital	Grand Saline, TX, Texas	(903) 962-4242
Local Emergency Planning Committee (LEPC)	Canton, TX, Texas	(903) 567-4133
Texas Division of Emergency Management	Austin, TX, Texas	(512) 424-2138
Wills Point Police Department	Wills Point, TX, Texas	(903) 873-2588

RESPONSE ZONE INFORMATION

RESPONSE ZONE CONTACT INFORMATION

Owner Name: Explorer Pipeline Company

Addresses:

Physical Address
Explorer Pipeline Company
6120 South Yale Ave.
Tulsa, Oklahoma 74136

Mailing Address
Explorer Pipeline Company
P.O. Box 2650
Tulsa, Oklahoma 74101

24 Hour Emergency Contact Phone Numbers: (888) 876-0036 (24 Hours)

Qualified Individuals		
NAME	OFFICE	OTHER
Tom Graves	918-291-5262	918-637-4084

Alt. Qualified Individuals		
NAME	OFFICE	OTHER
Chad Roggendorff	918-591-3263	918-698-1083

Other		
NAME	OFFICE	OTHER
ROW Glenpool	918-591-3264	
Claremore	918-591-3348	
Glenpool	918-291-5250	
Holdenville	918-591-3354	
Joplin	918-591-3344	
Mount Vernon	918-591-3342	
Okmulgee	918-591-3352	
Springfield	918-591-3340	
Vinita	918-591-3346	
West Tulsa	918-591-3350	
Bryan Hendricks	918-591-3261	
Dennis Crutchfield	918-591-3261	
Dennis Roling	918-591-3289	918-638-8808
Dennis Smith	918-591-3290	918-638-8807
John Stock	918-291-5264	918-728-1672
John Mobley	918-591-3261	918-640-3570
Ken Washington	918-591-3291	417-268-8743
Marvin Jackson	918-591-3261	918-638-8809
Paul Spangler	918-591-3270	918-728-1673
Steve Osceola	918-591-3261	
Steven Brewer	918-291-5266	918-698-1095

Telephone/Fax:	Telephone references, including 24 hour numbers, for the Facility, Owner, and QI/AQI are provided in Figure 2.2.
Contracted Resources:	Agreement numbers are on-file at Corporate Headquarters in Tulsa, Oklahoma, and classifications are detailed in Appendix A.
States Traversed:	Oklahoma and Missouri
Counties Traversed:	Pontotoc, Hughes, Okfuskee, Okmulgee, Tulsa, Creek, Wagoner, Rogers, Mayes, Craig, Delaware, Ottawa, Newton, Jasper, Lawrence, Dade, Green, Polk

RESPONSE ZONE INFORMATION

RESPONSE ZONE INFORMATION SUMMARY

Determination of Significant and Substantial Harm (DOT/PHMSA):

This Response Zone has been determined to meet the significant and substantial harm classification because at least one (1) line section within the response zone has met at least one of the criteria listed in 49CFR194.103(c)(1).

Pipeline Specifications:

- The tables below list the pipeline facilities within the Response Zone.

Line Segment	Starting Mile (b) (7)(F)	Ending Mile Post	Type of Oil	States	Counties
14" Glenpool to Gulf Perryman	[redacted]		Refined Products	OK	Tulsa
20" Glenpool to Cimarron			Refined Products	OK	Tulsa
24" Glenpool to Conoco			Refined Products	OK	Tulsa
24" Glenpool to Wood River			Refined Products	OK	Tulsa
24" Glenpool to Wood River			Refined Products	OK	Wagoner
24" Glenpool to Wood River			Refined Products	OK	Rogers
24" Glenpool to Wood River			Refined Products	OK	Mayes
24" Glenpool to Wood River			Refined Products	OK	Craig
24"					

Glenpool to Wood River	(b) (7)(F)	Refined Products	OK	Delaware
24" Glenpool to Wood River		Refined Products	OK	Ottawa
24" Glenpool to Wood River		Refined Products	MO	Newton
24" Glenpool to Wood River		Refined Products	MO	Jasper
24" Glenpool to Wood River		Refined Products	MO	Lawrence
24" Glenpool to Wood River		Refined Products	MO	Dade
24" Glenpool to Wood River		Refined Products	MO	Greene
24" Glenpool to Wood River		Refined Products	MO	Polk
28" Glenpool to West Tulsa		Refined Products	OK	Tulsa
28" Glenpool to West Tulsa		Refined Products	OK	Creek
28" Glenpool to West Tulsa		Refined Products	OK	Tulsa
28" Greenville to Glenpool		Refined Products	OK	Pontotoc
28" Greenville to Glenpool		Refined Products	OK	Hughes
28"				

Greenville to Glenpool	Refined Products	OK	Okfuskee
28" Greenville to Glenpool	Refined Products	OK	Okmulgee
28" Greenville to Glenpool	Refined Products	OK	Tulsa
28" Greenville to Glenpool	Refined Products	OK	Creek
28" Greenville to Glenpool	Refined Products	OK	Tulsa

Worst Case Discharge (Refer to Appendix B for calculations):

- **Potential Oil Group:** 2
- **DOT/PHMSA Planning Volume:** (b) (7)(F)

RESPONSE ZONE INFORMATION

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Durant to Holdenville Station, South Canadian River
Location:	TBA
Area of Coverage:	Counties involved include Hughes, McIntosh, and Pittsburg
Concerns:	South Canadian River and Lake Eufaula
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	TBA
Critical Crossings:	Highway 75, approximately 5 miles downstream of Explorer's crossing.
Local Officials:	
Corp. of Engineers Office of Dam Site	(918) 484-5135
Hughes County Health Department	(405) 379-3313
Hughes County Sheriff	(405) 379-2203
Ultimate Points to Protect:	South Canadian River; Lake Eufaula
Boat Launch:	1. 6 miles, downstream of Explorer's crossing, approximately 1 mile north side of South Canadian River exit off of Highway 75, then go under the bridge headed east to gauging station where an access to the river is located. 2. 12.5 miles, downstream of Explorer's crossing, continue on above mentioned road approximately 6 miles, last mile is unimproved, may

	need additional equipment to get in. This road leads to the river. 3. 20.5 miles, downstream of Explorer's crossing, head east off of Highway 75, at Horntown, Oklahoma to Lamar, go south on third road then east to the river approximately 6 miles. 4. 34 miles, downstream of Explorer's crossing. From Hanna exit on Highway 9 on Indian Nation Turnpike go east to Highway 52, go south on Highway 52 from Hanna approximately 3 miles. Go west under turnpike to river. This is the last access before Lake Eufaula. 5. 44 miles, downstream of Explorer's crossing. 6 miles west of Canadian on Highway 113 is a public boat ramp.
Boom Deployment:	TBA
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	
Staging Area:	Holdenville Station Highway 75 south to Horntown, Oklahoma, then west on Highway 270 approximately 2 miles to station.
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to the particular response area.

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Holdenville Station to Glenpool, North Canadian River
Location:	TBA
Area of Coverage:	Counties involved include Hughes and Okmulgee.

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: TBA

Critical Crossings: Highway 84, approximately 14 miles downstream of Explorer's crossing. Indian Nation Turnpike, approximately 22 miles downstream of Explorer's crossing.

Local Officials:

Corp. of Engineers Office at Dam Site Lake Eufaula	(918) 484-5135
Hughes County Health Department	(405) 379-3313
Hughes County Sheriff	(405) 379-2203
Okmulgee County Health Department	(918) 756-1883
Okmulgee County Sheriff	(918) 756-4311

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: 1. 2.5 miles downstream is a fish hatchery, take first good road south of Weleetka to hatchery. 2. 9 miles downstream bridge crosses river approximately 1 mile south of Weleetka. 3. 13.5 miles downstream of Explorer's crossing, go east of Weleetka 4.75 miles on Highway 84 to oil well lease road to south of river. 4. 16.5 miles downstream of

	Explorer's crossing, take Highway 84 east out of Weleetka to bridge which provides access to river. 5. 22 miles downstream of Explorer's crossing take Indian Nation Turnpike south to Highway 9, exit go east on Highway 9 2 miles then go north on unimproved dirt road approximately 5 miles to Turnpike Bridge which provides access to the river. 6. 32 miles downstream of Explorer's crossing, go east out of Henryetta, Oklahoma, on I-40 to four corners, then south 4 miles, then east 2 miles to bridge which provides access to river. 7. 40.5 miles downstream of Explorer's crossing, this is the last site before reaching the lake, go east out of Henryetta, Oklahoma on I-40 to Tiger Mt. Road, then east 1 mile then south 1 mile to river which provides access to the river.
Boom Deployment:	TBA
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	
Staging Area:	Toll gate south of Henryetta, Oklahoma on Indian Nation Turnpike, first exit on Highway 49.
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to the particular response area.

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Glenpool Station to Vinita Station
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]

(b) (7)(F)

Upstream Block Valve: (b) (7)(F)

Downstream Block Valve: TBA

Critical Crossings: (b) (7)(F)

Local Officials:

Corp. of Engineers, Tulsa	(918) 669-7366
Tulsa County Health Department	(918) 582-9355
Jenks Police	(918) 299-6311
Tulsa County Sheriff	(918) 596-9222
Tulsa Police	(918) 596-2100

Ultimate Points to Protect: (b) (7)(F)

Boat Launch: 1. 96th Street Bridge at Jenks, Oklahoma, approximately 1 mile north of Explorer's crossing, at public boat ramp. 2. Highway 64 or Memorial Drive. 3. Highway 72, north of Haskell. 4. Highway 51, east of Haskell. 5. Highway 69, north of Muskogee. 6. Highway 16, northeast of Muskogee. 7. Highway 62, east of Muskogee. 8. A large number of private farm roads, which may require additional equipment to launch a boat.

Boom Deployment:	TBA
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	
Staging Area:	Glenpool Terminal, Highway 75 south and 126th Street
Response Plan Actions:	1) Vital information. 2) Relay information to dispatcher. 3) Contact Sheriff, in Tulsa County, phone (918) 585-1261, to assist in traffic control, and evacuating pleasure crafts from the river. Contact Corp. of Engineers, in Tulsa, to request shutdown of discharge from Lake Keystone, reducing flow in the river, phone (918) 669-7371. 4) Set in operation "Cascade System of Notification". 5)(b) (7)(F) [redacted]. 7) Establish communication command post. 8) Proceed with clean up and repairs to pipeline in accordance with Emergency Procedure Manual.

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	Glenpool to Vinita Station, Verdigris River.
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted]

(b) (7)(F) [redacted]

Downstream Block Valve: TBA

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Lock and Dam #15	(918) 775-2091
Lock and Dam #16	(918) 489-5987
Lock and Dam #17	(918) 687-4501
Lock and Dam #18	(918) 543-2216
Port of Catoosa	(918) 266-2291
Rogers County Sheriff	(918) 341-3535
Sheriff of Wagoner County	(918) 485-3124

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: 1. Highway 33, landing just north of Explorer's crossing, a public boat ramp. 2. Rocky Point Park located 4 miles east of Verdigris River on old Highway 33, turn south 2 miles then west to park. This would be a good place to pick up product. 3. Goohope ramp, north of Lock and Dam #18, east of Tulsa on 71st Street. 4. Public boat ramp on south side of Lock and Dam #18. With help from the Corp. we should be able to contain all of the product at Lock and Dam #18. 5. Afton landing, approximately 18 miles downstream of Explorer's crossing. Highway 51 east of Coweta, Oklahoma. 6. Highway 69 Coal Creek ramp near Lock and Dam #17, approximately 22 miles downstream of Explorer's crossing. 7. Highway 80, southwest of Okay, Oklahoma, approximately 25 miles downstream of Explorer's crossing.

Boom Deployment: TBA

Independent Contractors:

Acme Pollution Controls	(918) 836-7184

Catastrophic Spill Contractors:

Staging Area: Glenpool Station on Highway 75 South and 125th Street.

Response Plan Actions: 1) Obtain vital information. 2)Relay information to dispatcher. 3) Contact Sheriff's in Wagoner and Rogers Counties. 4) Contact Corp. of Engineers Lock and Dam operations. 5) Set in operation "Cascade System of Notification". 6) (b) (7)(F) [redacted] 7) Dispatch personnel, and/or contractors, to spill site with necessary equipment to contain product and repair damaged pipe. 8) Establish communication/command post. 9) Proceed with clean up and repairs to pipeline according to Emergency Procedure Manual.

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Glenpool to Vinita Station, Lake Hudson

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

	(b) (7)(F) [redacted]
Downstream Block Valve:	TBA
Critical Crossings:	(b) (7)(F) [redacted]

Local Officials:

Grand River Dam Authority Lake Patrol	(918) 782-9594
Sheriff, Mayes County	(918) 825-3535

Ultimate Points to Protect:	(b) (7)(F) [redacted]
Boat Launch:	1. Highway 28, east of Adair, Oklahoma, approximately 41 miles at Rock Creek. 2. 2 miles west of Strang, Oklahoma to public boat ramp. 3. West side of lake where Spavinaw Creek enters Lake Hudson is a public ramp. No highway available. Go 1 mile south on Highway 69 from Green, Oklahoma, go east approximately 9 miles to lake.
Boom Deployment:	TBA

Independent Contractors:

Acme Pollution Controls	(918) 836-7184

Catastrophic Spill Contractors:	
Staging Area:	I-44 Turnpike gate at Big Cabin, Oklahoma.

Response Plan Actions:	1) Obtain vital information. 2) Relay information to dispatcher. 3) Contact Sheriff of Mayes County, phone (918) 825-3535, and Grand River Dam Authority Lake Patrol, phone (918) 782-9594, to assist in traffic control, evacuation of residents, and pleasure crafts from Lake Hudson. 4) Set in operation "Cascade System of Notification". 5) (b) (7)(F) [redacted] 6) Dispatch personnel, and/or contractors, to spill site with necessary equipment to contain product and repair damaged pipe. 7) Establish communication/command post. 8) Proceed with clean up and repairs to pipeline in accordance with Emergency Procedure Manual.

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	Vinita to Mt. Vernon Station, Grand Lake
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted]

(b) (7)(F) [redacted]

Downstream Block Valve: TBA

Critical Crossings: (b) (7)(F) [redacted].

Local Officials:

Lake Patrol	(918) 782-9594
Ottawa County Environmental Office	(918) 540-2481
Ottawa County Sheriff	(918) 542-2806

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: 1. Grand Lake is unique in that water front property owners can install various kinds of boat docks and other docks with different types of usage. The Lake's shoreline is full of expensive homes with water intakes at most home for lawn care. The best place for a last ditch effort is the Twin Bridge area. After this area, the lake becomes wide and would be very difficult to control a product spill. 2. 10 miles downstream at Twin Bridge State Park where Grand and Spring River join together. Take Will Roger's Turnpike to Afton exit, then east on Highway 60 to park and public boat ramp. 3. 18 miles downstream of Explorer's crossing Sycamore Creek, take Will Roger's Turnpike to Afton exit, go east on Highway 60 to intersection of Highway 10 South, then south on Highway 10 to Sycamore Creek area. 4. Grand Lake area does not provide many public boat ramps, however, a large number of private ramps are scattered along the lake, which in case of a leak, we could find access to the lake.

Boom Deployment: TBA

Independent Contractors:

Acme Pollution Controls	(918) 836-7184

Catastrophic Spill Contractors:

Staging Area: Twin Bridge Recreation Park.

Response Plan Actions: 1. Obtain vital information. 2. Relay information to dispatcher. 3. Contact Sheriff at Ottawa County, phone (918) 542-2806, Lake Patrol, phone (918) 782-9594, to assist in traffic control, evacuation of residents, and pleasure crafts from Grand Lake. 4. Set in operation "Cascade System of Notification". 5. (b) (7)(F) [redacted] r. 6. Dispatch personnel, and/or contractors, to spill site with necessary equipment to contain product and repair damaged pipe. 7. Establish communication/command post. 8. Proceed with clean up and repairs to pipeline according to Emergency Procedure Manual.

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Vinita to Mt. Vernon, Shoal Creek

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: TBA

Critical Crossings: (b) (7)(F) [redacted]

(b) (7)(F) [redacted]

Local Officials:

Department of Natural Resources for State of Missouri	(573) 751-8330
Joplin Water Department - 24 hours	(800) 256-6426
Lawrence County LEPC	(417) 235-0200
Newton County Sheriff	(417) 451-8300

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: 1. 3 miles downstream of Explorer's crossing. U.S. Highway 71 take I-44 to Highway 71 exit south approximately 3 miles to bridge for access to river. 2. 6 miles downstream of Explorer's crossing. Highway 43 take I-44 to Highway 43 exit, go south on Highway 43 approximately 2 miles to bridge for access to river. 3. 7 to 12 miles downstream of Explorer crossing. Shoal Creek Park where several locations are available for access to river. Take I-44 to Highway 43 exit, go north to service road then west to park. 4. 18 miles, downstream of Explorer's crossing. Take first exit after Joplin toll gate, go north on Highway 26 to Shoal Creek bridge, south of Galena, Kansas. 5. Shoal Creek eventually enters Spring River, which is part of Grand Lake. See Grand Lake response plan.

Boom Deployment: TBA

Independent Contractors:

Acme Pollution Controls	(918) 836-7184

Catastrophic Spill Contractors:

Staging Area: Roadside park on I-44, just east of toll gate.

Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Mt. Vernon to Springfield

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Greene County LEPC	(417) 869-6040
Greene County Sheriff	(417) 868-4040
Lawrence County LEPC	(417) 235-0200
Missouri Highway Patrol	(417) 895-6868
Polk County Sheriff of	(417) 326-7684

Dallas County Local Emergency Planning Committe	(417) 345-7800

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: 1. North on Highway D from Bolivar, MO to intersection with Highway NN then west and north on NN to where it dead ends on country road then left to river. 2. Most all road crossings on the Pomme De Terre River give access to the river.

Boom Deployment: TBA

Independent Contractors:

Geeding Construction	(636) 528-5863

Catastrophic Spill Contractors:

Staging Area: Springfield Airport would be used for Spert team arrivals; other activities could be coordinated from Springfield station.

Response Plan Actions: 1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 3 GLENPOOL AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Holdenville Station to Glenpool Station

Location: TBA

Area of Coverage: Okmulgee County

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: TBA

Critical Crossings: (b) (7)(F) [redacted].

Local Officials:

Corp. of Engineers Office at Dam Site	(918) 484-5135
Okmulgee County Health Department	(918) 756-1883
Okmulgee County Sheriff	(918) 756-4311

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: 1. 2.5 miles downstream of Explorer's crossing location site south of Highway 75 to 19th street in Okmulgee or last traffic light, go west approximately 3 miles to bridge over river where access to river is available. 2. 8.0 miles downstream of Explorer's crossing. Location site south of Okmulgee on Highway 75 to railroad bridge first road west, go west 1 mile to river. 3. 11.5 miles downstream of Explorer's crossing; location site south of Okmulgee on Highway 75 to Coalton exit then east to Coalton through town east to bridge over river. 4. 25.0 miles downstream of Explorer's crossing, location site south of Okmulgee on Highway 75 to Coalton exit then east to Coalton through town east to bridge over river. 5. 29.5 miles downstream of Explorer's crossing, location site south of Okmulgee on Highway 75 to Highway 266/52, then east through Dewar to bridge over river. 6. 33.5 miles downstream of Explorer's crossing, location site east site before Lake Eufaula. Take Highway 75 south of Okmulgee to Highway 266/52 then east to Hoffman

	then last street east of Hoffman to south bridge over river.
Boom Deployment:	TBA
Independent Contractors:	
Acme Pollution Controls	(918) 836-7184
Catastrophic Spill Contractors:	
Staging Area:	Okmulgee airport one (1) mile east of Highway 75 on Highway 56.
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to the particular response area.

EXTERNAL NOTIFICATION REFERENCES

Missouri

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Dade County		
City of Greenfield Fire Department	Greenfield, Missouri	(417) 637-5344
County Sheriff	Greenfield, Missouri	(417) 637-5344
Dade County Emergency Management	Arcola, Missouri	(417) 840-8994 (417) 424-3239
Everton City and Rural Fire Department	Everton, Missouri	(417) 535-7711
Local Emergency Planning Committee (LEPC)	Arcola, Missouri	(417) 840-8994
St. John's Regional Health Center	Greenfield, Missouri	(417) 820-2000
Greene County		
Ash Grove Fire Protection District	Ash Grove, Missouri	(417) 880-7837
County Sheriff	Springfield, Missouri	(417) 868-4040
Local Emergency Planning Committee (LEPC)	Springfield, Missouri	(417) 869-6040
Springfield Fire Department	Springfield, Missouri	(417) 864-1138
Springfield Fire Department	Springfield, Missouri	(417) 874-1212 (417) 864-1500
Springfield Police Department	Springfield, Missouri	(417) 864-1810
Springfield-Greene County Office of Emergency Management	Springfield, Missouri	(417) 869-6040
Walnut Grove Fire Department	Walnut Grove, Missouri	(417) 788-2670
Walnut Grove Fire Department	Walnut Grove, Missouri	(417) 874-1212
Walnut Grove Police Department	Walnut Grove, Missouri	(417) 788-3040
Jasper County		
Carthage Police Department	Carthage, Missouri	(417) 237-7200
City of Jasper: Ambulance – Police – Fire	Carthage, Missouri	(417) 359-9100
County Sheriff	Carthage, Missouri	(417) 358-8177
Freeman Hospital	Joplin, Missouri	(417) 623-2801
Joplin Fire Department	Joplin, Missouri	(417) 624-0313 (417) 624-0820

Joplin Police Department	Joplin, Missouri	(417) 623-3131
Joplin/Jasper County Emergency Management	Joplin, Missouri	(417) 623-5858
Local Emergency Planning Committee (LEPC)	Carthage, Missouri	(417) 237-7102
McCune Brooks Hospital	Carthage, Missouri	(417) 358-8121
Sarcoxie Fire Department	Sarcoxie, Missouri	(417) 548-3500
Sarcoxie Police Station	Sarcoxie, Missouri	(417) 548-3500
Lawrence County		
Lawrence County Local Emergency Planning Committee (LEPC)	Monett, Missouri	(417) 235-0200
Mt. Vernon Fire Department	Mt. Vernon, Missouri	(417) 466-2131 (417) 461-0837
Mt. Vernon Police Department	Mt. Vernon, Missouri	(417) 466-2131
Newton County		
County Sheriff	Neosho, Missouri	(417) 451-8300
Local Emergency Planning Committee (LEPC)	Neosho, Missouri	(417) 451-8021
Neosho Fire Department	Neosho, Missouri	(417) 451-8021
Polk County		
County Sheriff	Bolivar, Missouri	(417) 326-7684
Polk County Emergency Management	Bolivar, Missouri	(417) 328-0284

Oklahoma

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Craig County		
Bluejacket Emergency Management	Bluejacket, Oklahoma	(918) 784-2382
County Sheriff	Vinita, Oklahoma	(918) 256-6466
Craig General Hospital	Vinita, Oklahoma	(918) 256-7551
Local Emergency Planning Committee (LEPC)	Vinita, Oklahoma	(918) 256-6466
Vinita Fire Department	Vinita, Oklahoma	(918) 256-2674
Vinita Fire Department	Vinita, Oklahoma	(918) 256-6414
Vinita Police Department	Vinita, Oklahoma	(918) 256-6414
Bluejacket Fire Department	Bluejacket, Oklahoma	(918) 784-2382
Creek County		
County Sheriff	Sapulpa, Oklahoma	(918) 227-6370
Local Emergency Planning Committee (LEPC)	Bristow, Oklahoma	(918) 367-9489
Sapulpa Emergency Management	Sapulpa, Oklahoma	(918) 224-3862
Sapulpa Fire Department	Sapulpa, Oklahoma	(918) 224-3359
Omni Medical Center	Sapulpa, Oklahoma	(918) 227-1000

Delaware County		
County Sheriff	Jay, Oklahoma	(918) 253-4531
Delaware County Emergency Management	Grove, Oklahoma	(918) 541-6911
Jay Fire Department	Jay, Oklahoma	(918) 253-4277
Local Emergency Planning Committee (LEPC)	Jay, Oklahoma	(918) 787-4357
Hughes County		
Allen Fire Department	Allen, Oklahoma	(580) 332-4168
City of Holdenville: To Report a Fire	Holdenville, Oklahoma	(405) 379-2121
County Sheriff	Holdenville, Oklahoma	(405) 379-2203
Holdenville City Police Department	Holdenville, Oklahoma	(405) 379-6627
Holdenville Fire Department	Holdenville, Oklahoma	(405) 379-2413
Holdenville General Hospital	Holdenville, Oklahoma	(405) 379-4200
Hughes County Emergency Management	Wetumka, Oklahoma	(405) 380-3209
Local Emergency Planning Committee (LEPC)	Wetumka, Oklahoma	(405) 380-3209
Valley View Regional Hospital	Allen, Oklahoma	(580) 332-2323
Wetumka General Hospital	Weleetka, Oklahoma	(405) 452-3276
Mayes County		
County Sheriff	Pryor, Oklahoma	(918) 825-3535
Local Emergency Planning Committee (LEPC)	Pryor, Oklahoma	(918) 825-4650
Mayes County Emergency Management	Pryor, Oklahoma	(877) 825-4650
Mayes County Medical Center	Pryor, Oklahoma	(918) 825-1600
Pryor Fire Department	Pryor, Oklahoma	(918) 825-1313
Pryor Police Department	Pryor, Oklahoma	(918) 825-1212
Okfuskee County		
County Sheriff	Okemah, Oklahoma	(918) 623-1122
Local Emergency Planning Committee (LEPC)	Okemah, Oklahoma	(918) 623-1234
Okfuskee County Emergency Management	Okemah, Oklahoma	(918) 623-9289
Weleetka Fire Department	Weleetka, Oklahoma	(405) 786-2274
Weleetka Police Department	Weleetka, Oklahoma	(405) 786-2274
Okemah Police Department	Okemah, Oklahoma	(918) 623-1234
Okmulgee County		
Beggs City Fire Department	Beggs, Oklahoma	(918) 267-4935
Beggs City Police Department	Beggs, Oklahoma	(918) 267-4935
Beggs Fire Department	Beggs, Oklahoma	(918) 267-4935
County Sheriff	Okmulgee, Oklahoma	(918) 756-4311
Fire Department Emergency	Okmulgee, Oklahoma	(918) 756-1313
Henryetta Police Department	Henryetta, Oklahoma	(918) 652-3106
Local Emergency Planning Committee	Okmulgee,	(918) 756-4311

(LEPC)	Oklahoma	(918) 759-2235
Okmulgee County Emergency Management	Okmulgee, Oklahoma	(918) 759-9984
Okmulgee Fire Department	Okmulgee, Oklahoma	(918) 756-1313
Okmulgee Memorial Hospital	Okmulgee, Oklahoma	(918) 756-4233
Okmulgee Memorial Hospital	Beggs, Oklahoma	(918) 756-4238
Okmulgee Police Department Administration	Okmulgee, Oklahoma	(918) 756-3511
Ottawa County		
County Sheriff	Miami, Oklahoma	(918) 542-2806
Local Emergency Planning Committee (LEPC)	Miami, Oklahoma	(918) 542-6685
Miami Emergency Management	Miami, Oklahoma	(918) 541-2275 (918) 541-2247
Miami Fire Department	Miami, Oklahoma	(918) 542-4164
Rogers County		
Claremore Fire Department	Claremore, Oklahoma	(918) 341-0200
Claremore Fire Department	Claremore, Oklahoma	(918) 341-1212
Claremore Police Department	Claremore, Oklahoma	(918) 341-1212
Claremore Regional Hospital	Claremore, Oklahoma	(918) 341-2556
Claremore/Rogers County Emergency Management	Claremore, Oklahoma	(918) 341-4233
County Sheriff	Claremore, Oklahoma	(918) 341-3535
Local Emergency Planning Committee (LEPC)	Claremore, Oklahoma	(918) 341-2060
Tulsa County		
Broken Arrow Fire Department	Broken Arrow, Oklahoma	(918) 259-8400
Broken Arrow Medical Center: St. Francis Hospital	Broken Arrow, Oklahoma	(918) 455-3535
Broken Arrow Police Department	Broken Arrow, Oklahoma	(918) 259-8400
Glenpool Fire Department	Glenpool, Oklahoma	(918) 322-8110
Glenpool Police Department	Glenpool, Oklahoma	(918) 322-8110
Local Emergency Planning Committee (LEPC)	Tulsa, Oklahoma	(918) 628-0651
Tulsa Police Department - Non Emergency #	Tulsa, Oklahoma	(918) 596-9222
Jenks Police Department	Jenks, Oklahoma	(918) 299-6311
Jenks Fire Department	Jenks, Oklahoma	(918) 298-1491
Southcrest Hospital	Glenpool, Oklahoma	(918) 294-4000
St. Francis Hospital	Tulsa, Oklahoma	(918) 494-2200
Tulsa City/County Area Emergency Management	Tulsa, Oklahoma	(918) 596-9890
Tulsa County Sheriff	Tulsa, Oklahoma	(918) 596-9222

Tulsa Fire Department	Tulsa, Oklahoma	(918) 596-9222
Tulsa Fire Department	Tulsa, Oklahoma	(918) 596-9444
Wagoner County		
Local Emergency Planning Committee (LEPC)	Coweta, Oklahoma	(918) 485-2132
Wagoner County Emergency Management	Porter, Oklahoma	(918) 521-4007
Wagoner County Sheriff	Wagoner, Oklahoma	(918) 485-3124
Wagoner Fire Department	Wagoner, Oklahoma	(918) 485-8082
Coweta City Emergency Management	Coweta, Oklahoma	(918) 688-0892

RESPONSE ZONE INFORMATION

RESPONSE ZONE CONTACT INFORMATION

Owner Name: Explorer Pipeline Company

Addresses:

Physical Address
Explorer Pipeline Company
6120 South Yale Ave.
Tulsa, Oklahoma 74136

Mailing Address
Explorer Pipeline Company
P.O. Box 2650
Tulsa, Oklahoma 74101

24 Hour Emergency Contact Phone Numbers: (888) 876-0036 (24 Hours)

Qualified Individuals		
NAME	OFFICE	OTHER
Rick Thompson	918-591-3182	618-604-4788

Alt. Qualified Individuals		
NAME	OFFICE	OTHER
Todd Johanson	918-591-3183	618-741-5806

Other		
NAME	OFFICE	OTHER
SCADA Break Area	918-359-5419	
ROW WoodRiver		
East St. Louis	918-591-3325	
Gerald	918-591-3334	
Lebanon	918-591-3338	
Rolla	918-591-3336	
St. Louis	918-591-3327	
St. Peters	918-591-3329	
Weldon Spring	918-591-3331	
Wood River	918-591-3191	
ROW Wood River	618-251-0267	618-660-3596
Alan Spann	918-591-3181	618-219-6478
David Hagen	918-591-3190	618-610-3319
Dennis Reckmann	918-591-3191	618-530-1632
Jake Hallahan	918-591-3292	618-806-4565
Marty Manning	918-591-3181	618-219-6383
Nick Sullivan	918-591-3187	618-604-0417
Randy Vinyard	918-591-3189	618-540-9562
Robert Kruemmelbein	918-591-3181	618-219-6418
Rogelio Berumen	918-591-3195	618-691-8140
Travis Steward	918-591-3181	618-610-2076

Telephone/Fax:	Telephone references, including 24 hour numbers, for the Facility, Owner, and QI/AQI are provided in Figure 2.2.
Contracted Resources:	Agreement numbers are on-file at Corporate Headquarters in Tulsa, Oklahoma, and classifications are detailed in Appendix A.
States Traversed:	Missouri and Illinois
Counties Traversed:	Polk, Dallas, Laclede, Camden, Pulaski, Maries, Gasconade, Franklin, St. Charles, Madison, Macoupin, Montgomery, Christian, St. Clair

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RESPONSE ZONE INFORMATION

RESPONSE ZONE INFORMATION SUMMARY

Determination of Significant and Substantial Harm (DOT/PHMSA):

This Response Zone has been determined to meet the significant and substantial harm classification because at least one (1) line section within the response zone has met at least one of the criteria listed in 49CFR194.103(c)(1).

Pipeline Specifications:

- The tables below list the pipeline facilities within the Response Zone.

Line Segment	Starting Mile Post	Ending Mile Post	Type of Oil	States	Counties
12" Arco-Amoco Junction to Amoco	(b) (7)(F)		Refined Products	IL	Madison
12" Arco-Amoco Junction to Arco			Refined Products	IL	Madison
12" Conoco Phillips (Shell) Junction to Arco-Amoco Junction			Refined Products	IL	Madison
12" Conoco Phillips (Shell) Junction to Conoco Phillips (Shell)			Refined Products	IL	Madison
12" Mainline to Saint Peters			Refined Products	MO	Saint Charles
12" Saint Peters to Magellan (Williams)			Refined Products	MO	Saint Charles
12" Wood					

River to Conoco	0.00	1.14	Refined Products	IL	Madison
12" Wood River to Conoco Phillips (Shell) Junction	0.00	1.35	Refined Products	IL	Madison
12" Wood River to Marathon	0.00	0.50	Refined Products	IL	Madison
14" East Saint Louis to Missouri State Line	19.90	22.15	Refined Products	IL	Saint Clair
14" East Saint Louis to Sun/ Mobil	0.00	2.14	Refined Products	IL	Saint Clair
14" Illinois State Line to Saint Louis	22.15	22.41	Refined Products	MO	Saint Louis City
14" Saint Louis to JD Street 1	0.00	0.25	Refined Products	MO	Saint Louis City
14" Saint Louis to JD Street 2	0.00	0.25	Refined Products	MO	Saint Louis City
14" Wood River to East Saint Louis	0.00	14.16	Refined Products	IL	Madison
14" Wood River to East Saint Louis	14.16	19.90	Refined Products	IL	Saint Clair
24" Glenpool to Wood River	191.97	198.32	Refined Products	MO	Polk
24" Glenpool to Wood River	198.32	219.22	Refined Products	MO	Dallas
24"					

Glenpool to Wood River	(b) (7)(F)		Refined Products	MO	Laclede
24" Glenpool to Wood River			Refined Products	MO	Camden
24" Glenpool to Wood River			Refined Products	MO	Pulaski
24" Glenpool to Wood River			Refined Products	MO	Maries
24" Glenpool to Wood River			Refined Products	MO	Gasconade
24" Glenpool to Wood River			Refined Products	MO	Franklin
24" Glenpool to Wood River			Refined Products	MO	Saint Charles
24" Glenpool to Wood River			Refined Products	IL	Madison
24" Wood River to Hammond			Refined Products	IL	Madison
24" Wood River to Hammond			Refined Products	IL	Macoupin
24" Wood River to Hammond			Refined Products	IL	Montgomery
24" Wood River to Hammond			Refined Products	IL	Christian
8" Arco to Marathon at Wood River			Refined Products	IL	Madison

Worst Case Discharge (Refer to Appendix B for calculations):

- **Potential Oil Group:** 2

- **DOT/PHMSA Planning Volume:** (b) (7)(F) [redacted]

RESPONSE ZONE INFORMATION

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Springfield to Lebanon (1 of 2)

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Buffalo Fire Department	(417) 345-7100
Dallas County, MO Sheriff	(417) 345-2441
Missouri Highway Patrol	(417) 895-6868
Dallas County Local Emergency Planning Committe	(417) 345-7800

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch:	(b) (7)(F) [redacted]
Boom Deployment:	TBA
Independent Contractors:	
Geeding Construction	(636) 528-5863
Catastrophic Spill Contractors:	
Staging Area:	Springfield Airport would be used for SPERT team arrivals. Other activities could be coordinated east of Buffalo, MO at intersection Highway 32 and H.
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Springfield to Lebanon (2 of 2)
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	(b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Bennett Springs Volunteer Fire Department	(417) 532-2311
Dallas County Sheriff	(417) 345-2441
Laclede County Sheriff	(417) 532-2311
Missouri Highway Patrol	(417) 895-6868

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: First gravel road to northeast off of Highway 00 approximately 1 mile south of Bennett Springs where road crosses Bennett Spring Creek. Where Highway 64 crosses Nianqua River just north of Bennett Springs. Northwest on Highway 64 to first gravel road to northeast then to second gravel road to east then to Nianqua River.

Boom Deployment: TBA

Independent Contractors:

Geeding Construction	(636) 528-5863

Catastrophic Spill Contractors:

Staging Area: SPERT Team could be flown into Springfield, MO. Other activities could be directed from Lebanon Station.

Response Plan Actions: 1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Lebanon to Rolla

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: Residential and commercial all around pipeline.

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

City of Crocker Police Department	(573) 736-2211
Crocker Fire Department	(573) 736-2244
Missouri Highway Patrol	(417) 895-6868
Pulaski County Sheriff	(573) 774-6196

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Where Highway U crosses Tavern Creek 2 ½ miles west of Crocker, MO. Where Highway 17 crosses Tavern Creek 1 mile north of intersection Highway 17 with Highway K north of Crocker, MO.

Boom Deployment: TBA

Independent Contractors:

Geeding Construction	(636) 528-5863

Catastrophic Spill Contractors:	
Staging Area:	Spert Team could be flown into Springfield, MO. Staging area for other activities at intersection on Hwy 17 and 133 south of Crocker, MO.
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	Rolla to Gerald
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted] .
Downstream Block Valve:	(b) (7)(F) [redacted]
Critical Crossings:	(b) (7)(F) [redacted]
Local Officials:	

Maries County Sheriff	(314) 422-3381
Vichy Fire Department	(573) 299-4646
Dallas County Local Emergency Planning Committe	(417) 345-7800

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: 2 miles east of Vienna, MO on Highway 42 where it crosses Gasconade River. There are several other places where Gasconade can be accessed to numerous to show here (most any road crossing). Where Gasconade runs into Missouri River at Gasconade, MO there is a park and boat ramps. Spring Creek crosses Highway A 1 mile south of intersection of Highway A and Highway 63.

Boom Deployment: TBA

Independent Contractors:

Geeding Construction	(636) 528-5863
Missouri Highway Patrol	(314) 895-6868

Catastrophic Spill Contractors:

Staging Area: SPERT Team could be flown into Rolla International Airport at Vichy, MO. The airport would also serve as the staging area. There are no commercial flights into this airport.

Response Plan Actions: 1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	Gerald to Weldon Springs
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted] r.
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	(b) (7)(F) [redacted]
Critical Crossings:	(b) (7)(F) [redacted] .

Local Officials:

Franklin County Sheriff	(636) 583-2560
Missouri Highway Patrol	(417) 895-6868
St. Charles County Fire Department	(314) 978-3900
St. Charles County Sheriff	(636) 949-0809
U.S. Coast Guard St. Louis	(866) 360-3386
Boles Fire Department	(636) 742-2515
Dallas County Local Emergency Planning Committe	(417) 345-7800

Ultimate Points to Protect:	(b) (7)(F) [redacted]

Boat Launch:	Boats can be launched into Mississippi River at Continental Pipeline dock. There are several other points along the Illinois side of the river where boats can be launched.
Boom Deployment:	River is too large to be able to boom completely across. Will have to pick eddies and slower moving areas of river to boom.
Independent Contractors:	
Catastrophic Spill Contractors:	
Staging Area:	Weldon Springs Station. Spert Team could be flown into St. Louis Lambert Airport.
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	Weldon Springs to Wood River (1 of 2)
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	(b) (7)(F) [redacted]

Critical Crossings:

(b) (7)(F) [redacted]

Local Officials:

Missouri Highway Patrol	(417) 895-6868
St. Charles County Emergency	(314) 947-2666
St. Charles County Fire Department	(314) 978-3900
St. Charles County Sheriff	(636) 949-0809
St. Charles Police Department	(314) 978-3900
St. Peters Police Department	(314) 278-2222

Ultimate Points to Protect:

(b) (7)(F) [redacted]

Boat Launch:

Highway N where Dardenne Creek crosses just north of Cottleville, MO (boom site). At point where Dardenne Creek enters Mississippi River at Kampville, MO Highway B to Kampville out of Boschertown, MO.

Boom Deployment:

Highway N where Dardenne Creek crosses just north of Cottleville, MO (boom site).

Independent Contractors:

Use any and all listed under Wood River area.

Catastrophic Spill Contractors:

Staging Area:

Spert Team fly into St. Louis Lambert Airport. Staging area Weldon Springs Station.

Response Plan Actions:

1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the

	"Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Weldon Springs to Wood River (2 of 2)

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Illinois Highway Patrol District 11	(618) 346-3990
Madison County, IL Sheriff	(618) 692-4433
St. Charles County Sheriff	(636) 949-0809
U.S. Coast Guard St. Louis	(866) 360-3386

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch:	Continental Barge Dock in Lewis and Clark Park just west of Wood River Tank Farm off of Highway 3. Mobile barge dock just west of Explorer's East St. Louis Metering Station.
Boom Deployment:	TBA
Independent Contractors:	Use any and all listed under Wood River area.
Catastrophic Spill Contractors:	
Staging Area:	Wood River Tank Farm. Spert Team could be flown into Lambert at St. Louis or Civic Memorial Airport in East Alton, IL (non-commercial).
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	14" Local Line Wood River to E. St. Louis and St. Louis Meter Station.
Location:	TBA
Area of Coverage:	Madison County and St. Clair County, IL along the east bank of the Mississippi River and the Navigation Canal, finally crossing the Mississippi River to the Missouri side at Sauget, IL. Total line length 22.4 miles.
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	(b) (7)(F) [redacted]

(b) (7)(F) [redacted]

Critical Crossings:

(b) (7)(F) [redacted]

Local Officials:

Illinois State Police District 11	(618) 346-3990
Madison County Sheriff (MP-0.0 to 14.0)	(618) 692-4433
St. Clair	(618) 277-3012
St. Clair County Sheriff (MP-0.0 to 21.9)	(618) 277-3500
U.S. Coast Guard St. Louis	(866) 360-3386

Ultimate Points to Protect:

(b) (7)(F) [redacted]

Boat Launch:

Continental Barge Dock in Lewis and Clark Park just west of Wood River Tank Farm off of Highway 3. Mobile barge dock just west of Explorer's East St. Louis Metering Station.

Boom Deployment:

TBA

Independent Contractors:

Catastrophic Spill Contractors:

Staging Area:

Wood River Tank Farm. Spert Team could be flown into Lambert at St. Louis (International) or Civic Memorial Airport in East Alton, IL (non-commercial).

Response Plan Actions:

1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions

specific to this particular response area.

RESPONSE ZONE 4 WOOD RIVER AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Wood River to Litchfield

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: Heavily populated region. Drainage is to Mississippi River just south of Wood River Station.

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted].

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Illinois State Police District 11	(618) 346-3990
Madison County, IL Sheriff	(618) 692-4433

Ultimate Points to Protect: (b) (7)(F) [redacted]

Boat Launch: Ultimate would be Cahokia Canal, in Lewis and Clark Park just before it empties into Mississippi River. Located just south and west of Wood River Tank Farm off of Highway 3.

Boom Deployment: TBA

Independent Contractors:	Use any and all listed under Wood River area.
Catastrophic Spill Contractors:	
Staging Area:	Wood River Tank Farm. Spert Team could be flown into Lambert at St. Louis (International) or Civic Memorial Airport in East Alton, IL (non-commercial).
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

EXTERNAL NOTIFICATION REFERENCES

Illinois

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Christian County		
Christian County ESDA	Taylorville, Illinois	(217) 824-5421
County Sheriff	Taylorville, Illinois	(217) 824-4961
IL State Police District 9	Springfield, IL, Illinois	(217) 786-7107
Morrisonville Palmer Fire Protection District	Morrisonville, Illinois	(217) 526-4554
Stonington Fire Protection District	Stonington, Illinois	(217) 325-4011
Taylorville Fire Department	Taylorville, Illinois	(217) 824-2295
Taylorville Memorial Hospital	Taylorville, Illinois	(217) 824-3331
Taylorville Police Department	Taylorville, Illinois	(217) 824-2211
Macoupin County		
County Sheriff	Carlinville, Illinois	(217) 854-3135
Gillespie Police and Fire Department	Gillespie, Illinois	(217) 839-2922
Illinois State Police District 18	Litchfield, IL, Illinois	(217) 324-4900
Macoupin County ESDA	Carlinville, Illinois	(217) 854-3352
Dorchester Fire Department	Dorchester, Illinois	(217) 839-4211
Gillespie Benald Ambulance District	Gillespie, Illinois	(217) 839-2922
Illinois Emergency Management Agency Region 8	Collinsville, Illinois	(618) 344-1024
Madison county		
Alton Memorial Hospital	Roxana, Illinois	(618) 463-7311
Granite City Fire Department	Granite City, Illinois	(618) 876-4545
Granite City Police Department	Granite City, Illinois	(618) 876-1064
Hartford Fire Department	Hartford, Illinois	(618) 254-0012
Hartford Village Police Department	Hartford, Illinois	(618) 254-4393
Illinois State Police District 11	Collinsville, IL, Illinois	(618) 346-3990
Illinois Emergency Management Agency Region 8	Collinsville, Illinois	(618) 344-1024
Illinois American Water	East St. Louis, Illinois	(618) 874-2402 (800) 422-2782
Illinois American Water Company	Granite City, Illinois	(618) 877-8622 (800) 422-2782
Roxana Fire Department	Roxana, Illinois	(618) 254-8293
Roxana Police Department	Roxana, Illinois	(618) 254-2228

South Roxana Village Fire Department	South Roxana, Illinois	(618) 254-1088
South Roxana Village Police Department	S. Roxanna, Illinois	(618) 254-7469
Venice Fire Department	Venice, Illinois	(618) 877-4232
Venice Police Department	Venice, Illinois	(618) 877-2114
Madison County ESDA	Edwardsville, Illinois	(618) 692-0537
Meadowbrook Village Fire Department	Bethalto, Illinois	(618) 377-8474
Prairietown Fire Department	Worden, Illinois	(618) 888-2436
Rosewood Heights Fire Department	East Alton, Illinois	(618) 259-3311
Roxana Fire Department	Roxana, Illinois	(618) 254-4308
Montgomery County		
County Sheriff	Hillsboro, Illinois	(217) 532-9511
Litchfield Fire Department	Litchfield, Illinois	(217) 324-4042
Litchfield Police Department	Litchfield, Illinois	(217) 324-5991
Montgomery County Health Department – Environmental Health	Hillsboro, Illinois	(217) 532-2001
Montgomery County LEPC	Hillsboro, Illinois	(217) 532-9560
Raymond-Harvel Fire Department	Raymond, Illinois	(217) 229-4549
St. Francis Hospital	Litchfield, Illinois	(217) 324-2191
Illinois Emergency Management Agency Region 8	Collinsville, Illinois	(618) 394-2233
St. Clair County		
IL State Police District 11	Collinsville, Illinois	(618) 346-3990
Brooklyn Volunteer Fire Department	Brooklyn, Illinois	(618) 271-8424
Cahokia Volunteer Fire Department	Cahokia, Illinois	(618) 337-5080
East St. Louis Fire Department	East St. Louis, Illinois	(618) 482-6868
Sauget Fire Department	Sauget, Illinois	(618) 332-6700
Cahokia Police Department	Cahokia, Illinois	(618) 337-9505
Brooklyn Police Department	Brooklyn, Illinois	(618) 874-8204
East St. Louis Police	East St. Louis, Illinois	(618) 482-6700
Illinois Emergency Management Agency Region 8	Collinsville, Illinois	(618) 344-1024

Missouri

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
City of St. Louis Water Division	St. Louis, Missouri	(314) 592-8226 (314) 592-8200
Camden County		
Camdenton Fire Department	Camdenton, Missouri	(573) 346-6260

County Sheriff	Camdenton, Missouri	(573) 346-2243
Camden Co. Local Emergency Planning Committee (LEPC)	Camdenton, Missouri	(573) 346-7108 (573) 692-6256
Tri County Fire and Rescue	Richland, Missouri	(573) 512-0066
Dallas County		
Citizens Memorial Healthcare		(417) 326-6000
Dallas Co. Local Emergency Planning Committee (LEPC)	Buffalo, Missouri	(417) 840-8640
Southern Dallas County Fire Protection District	Buffalo, Missouri	(417) 345-6060
Franklin County		
Beaufort-Leslie Fire Protection District	Beaufort, Missouri	(573) 484-3333
Boles Fire Protection District	Labadie, Missouri	(636) 742-2515
County Sheriff	Union, Missouri	(636) 583-2560
Franklin Co. Local Emergency Planning Committee (LEPC)	Union, Missouri	(636) 583-2567
Mcauley Clinic	Union, Missouri	(636) 239-8000
Union Fire Department	Union, Missouri	(636) 583-2515
Washington Fire Department	Washington, Missouri	(636) 390-1020
Washington Police Department	Washington, Missouri	(636) 390-1050
Gasconade County		
Bland Fire Protection District	Bland, Missouri	(573) 646-3244
County Sheriff	Hermann, Missouri	(573) 486-2424
Owensville Fire Department	Owensville, Missouri	(573) 437-2195
Owensville Police Department	Owensville, Missouri	(573) 437-2195
Gasconade Co. Local Emergency Planning Commission	St. James, Missouri	(573) 437-7770
Laclede County		
Bennet Spring Fire Protection District	Lebanon, Missouri	(417) 588-9833
County Sheriff	Lebanon, Missouri	(417) 532-2311
Lebanon Fire Department	Lebanon, Missouri	(417) 532-2104
Lebanon Police Department	Lebanon, Missouri	(417) 532-3131
Lebanon Rural Fire District	Lebanon, Missouri	(417) 532-7678
Laclede Co. Local Emergency Planning Committee (LEPC)	Lebanon, Missouri	(417) 532-6992
St. John's Hospital	Stoutland, Missouri	(417) 533-6100
Stoutland Volunteer Fire Department	Stoutland, Missouri	(417) 588-7004
Maries County		
County Sheriff	Vienna, Missouri	(573) 422-3381
Emergency Medical Services	Vichy, Missouri	(573) 364-3100
Maries Co. Local Emergency Planning Committee (LEPC)	St. James, Missouri	(573) 263-0566
Vichy VFPA	Vichy, Missouri	(573) 299-4611
Osage County		
Missouri State Emergency Management Agency	Jefferson City, Missouri	(573)-634-2436

Polk County		
Bolivar Fire Department	Bolivar, Missouri	(417) 326-2489
Citizens Memorial Healthcare	Pleasant Hope, Missouri	(417) 326-6000
County Sheriff	Bolivar, Missouri	(417) 326-7684
Polk Co. Local Emergency Planning Committee (LEPC)	Bolivar, Missouri	(417) 327-3721
Pleasant Hope Police Department	Pleasant Hope, Missouri	(417) 267-5027
Pulaski County		
County Sheriff	Waynesville, Missouri	(573) 774-6196
Crocker Fire Protection District	Crocker, Missouri	(573) 736-2733
Crocker Police Department	Crocker, Missouri	(573) 736-2211
Dixon Rural Fire Protection District	Dixon, Missouri	(573) 759-6315
Pulaski Co. Local Emergency Planning Committee (LEPC)	Waynesville, Missouri	(573) 774-7393
Pulaski County Emergency Management	Waynesville, Missouri	(573) 528-2266
St. Charles County		
Augusta Fire District	Augusta, Missouri	(636) 987-2411
Central County Fire and Rescue	St. Peters, Missouri	(636) 970-9700
City of St. Charles Police Department	St. Charles, Missouri	(636) 949-3300
Cottleville Fire Department	St. Charles, Missouri	(636) 447-6655
County Sheriff	St. Charles, Missouri	(636) 949-0809
St. Charles Co. Local Emergency Planning Committee (LEPC)	St. Charles, Missouri	(636) 949-3023
Orchard Farm Fire Protection District	St. Charles, Missouri	(636) 258-3166
Rivers Point FPD	West Alton, Missouri	(636) 899-1122
SSM St. Joseph Hospital	St. Charles, Missouri	(636) 947-5000
St. Peters Police Department	St. Peters, Missouri	(636) 278-2222
Confluence State Park	West Alton, Missouri	(573) 634-2436 (314) 807-1511
St. Louis City		
St. Louis Local Emergency Response Commission	St. Louis, Missouri	(314) 613-7232 (314) 691-7381
St. Louis Fire Department	St. Louis, Missouri	(314) 533-3406

RESPONSE ZONE INFORMATION

RESPONSE ZONE CONTACT INFORMATION

Owner Name: Explorer Pipeline Company

Addresses:

Physical Address
Explorer Pipeline Company
6120 South Yale Ave.
Tulsa, Oklahoma 74136

Mailing Address
Explorer Pipeline Company
P.O. Box 2650
Tulsa, Oklahoma 74101

24 Hour Emergency Contact Phone Numbers: (888) 876-0036 (24 Hours)

Qualified Individuals		
NAME	OFFICE	OTHER
John Majewski	918-591-3203	219-712-4460

Alt. Qualified Individuals		
NAME	OFFICE	OTHER
Sue Holifield	918-591-3203	219-939-4104

Other		
NAME	OFFICE	OTHER
ROW Hammond	918-591-3204	
Decatur	918-591-3323	
Griffith	918-591-3317	
Hammond	918-591-3201	
Schererville Jct	918-591-3319	
Chatsworth	918-591-3321	
Christopher Meyer	918-591-3207	219-808-4842
Ed Drebes	918-591-3294	219-712-0133
Gordon Hill	918-591-3201	219-381-9260
Kevin Dommer	918-591-3201	219-381-9263
Mark Lorenzi	918-591-3201	
Randy Hartge	918-591-3201	219-712-4574

Telephone/Fax: Telephone references, including 24 hour numbers, for the Facility, Owner, and QI/AQI are provided in Figure 2.2.

Contracted Resources: Agreement numbers are on-file at Corporate Headquarters in Tulsa, Oklahoma, and classifications are detailed in Appendix A.

States Traversed: Illinois and Indiana

Counties Traversed:	Christian, Macon, Dewitt, Mclean, Ford, Livingston, Iroquois, Kankakee, Will, Lake

RESPONSE ZONE INFORMATION

RESPONSE ZONE INFORMATION SUMMARY

Determination of Significant and Substantial Harm (DOT/PHMSA):

This Response Zone has been determined to meet the significant and substantial harm classification because at least one (1) line section within the response zone has met at least one of the criteria listed in 49CFR194.103(c)(1).

Pipeline Specifications:

- The tables below list the pipeline facilities within the Response Zone.

Line Segment	Starting Mile Post	Ending Mile Post	Type of Oil	States	Counties
12" East Chicago to Badger	(b) (7)(F)		Refined Products	IN	Lake
12/ 16" Hammond to Wolverine			Refined Products	IN	Lake
14" East Chicago to Clark			Refined Products	IN	Lake
14" East Chicago to Sun/ Mobil			Refined Products	IN	Lake
14" Hammond to Citgo			Refined Products	IN	Lake
14" Hammond to Citgo Spare			Refined Products	IN	Lake
14" Hammond to East Chicago			Refined Products	IN	Lake
14" East Chicago to White Oak (BP)			Refined Products	IN	Lake
16" Buckeye (Shell) to West Shore			Refined Products	IN	Lake

16" Griffith to Buckeye 2 (Arco - Gas)	(b) (7)(F)	Refined Products	IN	Lake
16" Griffith to Buckeye Hartsdale (Tecumseh Lakehead - Oil)		Refined Products	IN	Lake
16" Griffith to Conoco/ Marathon (North line)		Refined Products	IN	Lake
16" Griffith to Conoco/ Marathon (South line		Refined Products	IN	Lake
16" Griffith to East Shore (Lottaville)		Refined Products	IN	Lake
16" Hammond to Buckeye (Shell)		Refined Products	IN	Lake
16" Hammond to East Chicago Spare		Refined Products	IN	Lake
16" Hammond to Kennedy		Refined Products	IN	Lake
16" Columbus Junction to Buckeye (Phillips)		Refined Products	IN	Lake
16" Columbus Junction to Harbor Canal (BP)		Refined Products	IN	Lake
16" Hammond to Columbus Junction		Refined Products	IN	Lake
16" Hammond				

to Columbus Junction (Spare)	(b) (7)(F)		Refined Products	IN	Lake
24" Scherervil to Griffith			Refined Products	IN	Lake
24" Wood River to Hammond			Refined Products	IL	Christian
24" Wood River to Hammond			Refined Products	IL	Macon
24" Wood River to Hammond			Refined Products	IL	De Witt
24" Wood River to Hammond			Refined Products	IL	McLean
24" Wood River to Hammond			Refined Products	IL	Livingston
24" Wood River to Hammond			Refined Products	IL	Ford
24" Wood River to Hammond			Refined Products	IL	Iroquois
24" Wood River to Hammond			Refined Products	IL	Kankakee
24" Wood River to Hammond			Refined Products	IL	Will
24" Wood River to Hammond			Refined Products	IN	Lake
8" Badger to Buckey			Refined Products	IN	Lake

Worst Case Discharge (Refer to Appendix B for calculations):

- **Potential Oil Group:** 2
- **DOT/PHMSA Planning Volume:** (b) (7)(F)

RESPONSE ZONE INFORMATION

RESPONSE ZONE 5 HAMMOND AREA CRITICAL INFORMATION	
Name of Critical Information Sheet:	Decatur to Clinton
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted]
Upstream Block Valve:	(b) (7)(F) [redacted]
Downstream Block Valve:	(b) (7)(F) [redacted]
Critical Crossings:	(b) (7)(F) [redacted]

Local Officials:

Dewitt County Sheriff	(217) 935-9441
Dewitt, County E.S.D.A. Supervisor	(217) 935-9596
Illinois Highway Patrol	(815) 844-3131
Macon County LEPC	(217) 424-1327
Macon County Sheriff	(217) 424-1321

Ultimate Points to Protect:	(b) (7)(F) [redacted]
Boat Launch:	Clinton Lake Recreational Area just north of (b) (7)(F) [redacted]
Boom Deployment:	TBA
Independent Contractors:	

L.W.D Field Services, Inc. Gary, Indiana	(800) 334-0004

Catastrophic Spill Contractors:

Staging Area: Future Clinton Station. Spert Team could be flown in at Lambert in St. Louis or Civic Memorial in East Alton, Illinois (Non-commercial).

Response Plan Actions: 1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

RESPONSE ZONE 5 HAMMOND AREA CRITICAL INFORMATION

Name of Critical Information Sheet: Chatsworth to Kankakee

Location: TBA

Area of Coverage: (b) (7)(F) [redacted]

Concerns: (b) (7)(F) [redacted]

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

	(b) (7)(F) [redacted]

Local Officials:

Ford County, IL Sheriff	(217) 379-2324
Illinois Highway Patrol	(815) 844-3131
Iroquois, IL County Sheriff	(815) 432-6992
Kankakee County E.S.D.A. Coordinator	(815) 937-3929
Kankakee County, Illinois Sheriff	(815) 933-3324

Ultimate Points to Protect:	(b) (7)(F) [redacted]
Boat Launch:	Kankakee River State Park, ± 3 miles northwest of where Explorer crosses Highway 102.
Boom Deployment:	TBA
Independent Contractors:	Any and all contractors listed for Hammond Area
Catastrophic Spill Contractors:	
Staging Area:	Future Kankakee Station. Spert Team could be flown into Greater Kankakee Valley Airport (Non-commercial).
Response Plan Actions:	1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch personnel to close block valves. 4. Actuate the "Cascade System of Notification". appraise

RESPONSE ZONE 5 HAMMOND AREA CRITICAL INFORMATION

Name of Critical Information Sheet:	Kankakee to Hammond
Location:	TBA
Area of Coverage:	(b) (7)(F) [redacted]
Concerns:	(b) (7)(F) [redacted].

Upstream Block Valve: (b) (7)(F) [redacted]

Downstream Block Valve: (b) (7)(F) [redacted]

Critical Crossings: (b) (7)(F) [redacted]

Local Officials:

Indiana Highway Patrol	(815) 769-8459
Lake County, Indiana Sheriff	(217) 755-3333
Will County, IL Sheriff	(815) 727-8895

Ultimate Points to Protect: Highly populated all along the pipeline. Little Calumet River.

Boat Launch: Little Calumet River

Boom Deployment: TBA

Independent Contractors: Any and all contractors listed for Hammond Area

Catastrophic Spill Contractors:

Staging Area: Hammond Tank Farm. Spert Team could be flown into Gary Airport (Non-commercial).

Response Plan Actions: 1. Obtain as much information as possible (may include location, time, extent, etc.). 2. Relay information to dispatcher, verify situation. 3. Coordinate emergency shut-down procedure with dispatcher. Dispatch

	personnel to close block valves. 4. Actuate the "Cascade System of Notification". 5. Notify, appraise and request assistance from local officials. 6. Evaluate situation and dispatch personnel, contractors and equipment to response site or sites. 7. Establish communications/command post. 8. Additional actions specific to this particular response area.

EXTERNAL NOTIFICATION REFERENCES

Illinois

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Christian County		
Christian County Emergency Services & Disaster Agency	Taylorville, Illinois	(217) 824-5421
County Sheriff	Taylorville, Illinois	(217) 824-4961
Local Emergency Planning Committee (LEPC)	Taylorville, Illinois	(217) 824-5421
Stonington Fire Protection District	Stonington, Illinois	(217) 325-4011
Taylorville Fire Department	Taylorville, Illinois	(217) 824-2295
Dewitt County		
Clinton Fire Department	Clinton, Illinois	(217) 935-3196
Clinton Fire Department	Clinton, Illinois	(217) 935-3712
County Sheriff	Clinton, Illinois	(217) 935-6718
Dewitt County Sheriff	Clinton, Illinois	(217) 935-3196
Dr. John Warner Hospital	Clinton, Illinois	(217) 935-9571
Farmer City Fire Department	Farmer City, Illinois	(309) 928-2111
Local Emergency Planning Committee (LEPC)	Clinton, Illinois	(217) 935-9596
Provena Covenant Medical Center Emergency Department	Farmer City, Illinois	(217) 337-2131
Ford County		
County Sheriff	Paxton, Illinois	(217) 379-2324
Ford County Emergency Services & Disaster Agency	Paxton, Illinois	(217) 379-2324
Gibson Area Hospital and Health Service	Saybrook, Illinois	(217) 784-4251
Gibson City Fire Department	Paxton, Illinois	(217) 784-4221 (217) 379-2324
Gibson City Fire Protection District	Gibson City, Illinois	(217) 784-8666 (217) 784-4221
Gibson City Police Department	Gibson City, Illinois	(217) 784-8666
Local Emergency Planning Committee (LEPC)	Paxton, Illinois	(217) 379-2324
Piper City Fire Department	Piper City, Illinois	(815) 686-9014
Village of Piper City Police	Piper City, Illinois	(815) 686-9014
Iroquois County		
County Sheriff	Watseka, Illinois	(815) 432-6992
Iroquois County Emergency Services & Disaster Agency	Watseka, Illinois	(815) 432-6997
Local Emergency Planning Committee (LEPC)	Watseka, Illinois	(815) 867-6667
Kankakee County		

County Sheriff	Kankakee, Illinois	(815) 933-3324
Kankakee City Fire Department	Kankakee, Illinois	(815) 933-0460
Kankakee County Emergency Services & Disaster Agency	Kankakee, Illinois	(815) 802-7174
Kankakee Fire Department	Kankakee, Illinois	(815) 933-3324
Kankakee Police Department	Kankakee, Illinois	(815) 933-3324
Local Emergency Planning Committee (LEPC)	Kankakee, Illinois	(815) 937-3929
Manteno Fire Department	Manteno, Illinois	(815) 933-3324
Manteno Village Police Department	Manteno, Illinois	(815) 933-3324
Provena St. Mary's Hospital	Manteno, Illinois	(815) 468-1000
Provena St. Mary's Hospital	Kankakee, Illinois	(815) 937-2490
Livingston County		
Chatsworth Fire Protection District	Chatsworth, Illinois	(815) 844-7171
Chatsworth Police Department	Chatsworth, Illinois	(815) 844-7171
County Sheriff	Pontiac, Illinois	(815) 844-2774 (815) 844-7171
Livingston County Emergency Services & Disaster Agency	Pontiac, Illinois	(815) 844-7741
Local Emergency Planning Committee (LEPC)	Pontiac, Illinois	(815) 844-7741
Piper City Fire Department	Chatsworth, Illinois	(815) 686-9014
St. James Hospital	Chatsworth, Illinois	(815) 842-4591
Macon County		
Argenta Fire Department	Argenta, Illinois	(217) 795-4713
Blue Mound Fire Department	Blue Mound, Illinois	(217) 692-2929
Blue Mound Police Department	Blue Mound, Illinois	(217) 692-2711
City of Elwin Police	Decatur, Illinois	(217) 424-1311
County Sheriff	Decatur, Illinois	(217) 424-1321
Decatur Memorial Hospital	Warrensburg, Illinois	(217) 876-3000
Maroa Countryside Fire Protection District	Maroa, Illinois	(217) 794-3375
Southshore Medical Center	Decatur, Illinois	(217) 428-4180
Warrensburg Fire Department	Warrensburg, Illinois	(217) 672-3741
Decatur Memorial Hospital	Decatur, Illinois	(217) 876-3000
Harristown Fire Protection District	Decatur, Illinois	(217) 423-2912
Hickory Point Fire Protection District	Forsyth, Illinois	(217) 877-1398
Local Emergency Planning Committee (LEPC)	Decatur, Illinois	(217) 424-1327
Macon County Emergency Management Agency	Decatur, Illinois	(217) 424-1311
Macon County Family Medicine	Blue Mound, Illinois	(217) 692-2151
Madison County		
Madison Co. IL Sheriff	Edwardsville, Illinois	(618) 692-1064
McLean County		
Bloomington Township Police	Saybrook, Illinois	(309) 888-5000
County Sheriff	Bloomington, Illinois	(309) 888-5034 (309) 888-5019
Gibson Area Hospital and Health Service	Saybrook, Illinois	(217) 784-4251
Local Emergency Planning Committee (LEPC)	Bloomington, Illinois	(309) 888-5020

McLean County Emergency Management Agency	Bloomington, Illinois	(309) 888-5020
Saybrook Fire Deparment	Saybrook, Illinois	(309) 475-2026
Saybrook Fire Department	Saybrook, Illinois	(309) 888-5000
Will County		
Beecher Fire Protection District	Beecher, Illinois	(708) 946-2341
Beecher Village Fire Department	Beecher, Illinois	(708) 946-6585
Beecher Village Police Department	Beecher, Illinois	(708) 946-2341
County Sheriff	Joliet, Illinois	(815) 727-8895 (815) 727-8575
Local Emergency Planning Committee (LEPC)	Joliet, Illinois	(815) 740-8351
Peotone Fire Department	Peotone, Illinois	(708) 258-6884 (708) 258-3221
Peotone Fire Protection District	Peotone, Illinois	(708) 258-3003
St. James Hospital	Chicago Heights, Illinois	(708) 756-1000
St. Mary's Hospital	Kankakee, Illinois	(708) 937-2100
Village of Peotone Police Department	Joliet, Illinois	(708) 258-3003
Will County Emergency Management Agency	Joliet, Illinois	(815) 740-8351

Indiana

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Lake County		
County Sheriff	Crown Point, Indiana	(219) 755-3400
East Chicago Fire Department	E. Chicago, Indiana	(219) 391-8472
East Chicago Fire Department	East Chicago, Indiana	(219) 391-8472
East Chicago Police Department	E. Chicago, Indiana	(219) 391-8400 (219) 391-8268
Fire Marshall	Indianapolis, Indiana	(317) 232-2226
Griffith Fire Department	Griffith, Indiana	(219) 922-3065
St. Catherine Emergency Department	E. Chicago, Indiana	(219) 392-7200
St. John Fire Department	St. John, Indiana	(219) 365-6034 (219) 365-8636
St. Margaret Mercy	Dyer, Indiana	(219) 865-2141
St. Margaret Mercy	Hammond, Indiana	(219) 932-2300
The CHS Community Hospital Emergency Department	Munster, Indiana	(219) 836-4511
Lake County Emergency Management Agency	Crown Point, Indiana	(219) 755-3549
Local Emergency Planning Committee	Crown Point,	(219) 755-3512

(LEPC)	Indiana	(219) 755-3000
Police Commissioner	St. John, Indiana	(219) 365-7503
Schererville Fire Department	Schererville, Indiana	(219) 322-2121
Schererville Fire Department	Griffith, Indiana	(219) 322-2599
Schererville Police Department	Schererville, Indiana	(219) 322-5000
Griffith Police Department	Griffith, Indiana	(219) 924-7503 (219) 924-3141
Hammond Fire Department	Hammond, Indiana	(219) 853-6490
Hammond Police Department	Hammond, Indiana	(219) 853-6490
Highland Fire Department	Highland, Indiana	(219) 838-3181
Highland Fire Department	Highland, Indiana	(219) 923-9876
Highland Police Department	Highland, Indiana	(219) 838-3184

RESPONSE ZONE INFORMATION

RESPONSE ZONE CONTACT INFORMATION

Owner Name: Explorer Pipeline Company

Addresses:

Physical Address
Explorer Pipeline Company
6120 South Yale Ave.
Tulsa, Oklahoma 74136

Mailing Address
Explorer Pipeline Company
P.O. Box 2650
Tulsa, Oklahoma 74101

24 Hour Emergency Contact Phone Numbers: (24 Hours)

Qualified Individuals		
NAME	OFFICE	OTHER
John Patterson	918-591-3162	214-532-7532

Alt. Qualified Individuals		
NAME	OFFICE	OTHER
Stan Flahaut	918-591-3163	817-689-3068

Other		
NAME	OFFICE	OTHER
Arlington	918-591-3160	
Fort Worth Delivery	918-591-3390	
Ross	918-591-3315	
Waco	918-591-3313	
Lake Creek	918-591-3311	
Hearne	918-591-3309	
Carrollton Jct.	918-591-3374	
Dallas	918-591-3370	
DFW	918-591-3366	
FW Chevron	NA	
FW Meter	918-591-3364	
Grapevine	918-591-3368	
Irving	918-591-3372	
Jeramy Welch	918-591-3173	214-532-9546
Marvin Dennis	918-591-3170	214-709-7850
Rodney Burton	918-591-3174	214-532-7533

Telephone/Fax: Telephone references, including 24 hour numbers, for the Facility, Owner, and QI/AQI are provided in Figure 2.2.

Contracted Resources:	Agreement numbers are on-file at Corporate Headquarters in Tulsa, Oklahoma, and classifications are detailed in Appendix A.
States Traversed:	Texas and Oklahoma
Counties Traversed:	Carter, Cooke, Dallas, Denton, Falls, Garvin, Hill, Johnson, Love, McClain, Me Lennan, Tarrant

RESPONSE ZONE INFORMATION

RESPONSE ZONE INFORMATION SUMMARY

Determination of Significant and Substantial Harm (DOT/PHMSA):

This Response Zone has been determined to meet the significant and substantial harm classification because at least one (1) line section within the response zone has met at least one of the criteria listed in 49CFR194.103(c)(1).

Pipeline Specifications:

- The tables below list the pipeline facilities within the Response Zone.

Line Segment	Starting Mile Post	Ending Mile Post	Type of Oil	States	Counties
10" Allendale to Arlington	(b) (7)(F)		Refined Products	TX	Robertson
10" Allendale to Arlington			Refined Products	TX	Falls
10" Allendale to Arlington			Refined Products	TX	McClennan
10" Allendale to Arlington			Refined Products	TX	Hill
10" Allendale to Arlington			Refined Products	TX	Johnson
10" Allendale to Arlington			Refined Products	TX	Tarrant
12" Fort Worth Meter to Motiva (Star)			Refined Products	TX	Tarrant
12" Grapevine to Chevron/			Refined Products	TX	Tarrant

Fort Worth	(b) (7)(F)				
12" Grapevine to Conoco			Refined Products	TX	Tarrant
12" Grapevine to Conoco			Refined Products	TX	Tarrant
12" Grapevine to Diamond Shamrock			Refined Products	TX	Tarrant
12" Grapevine to Fina			Refined Products	TX	Tarrant
12" Grapevine to Fina			Refined Products	TX	Tarrant
12" Grapevine to Koch			Refined Products	TX	Tarrant
12" Grapevine to Tankage (Fill)			Refined Products	TX	Tarrant
12" Grapevine to Tankage (Suction)			Refined Products	TX	Tarrant
12" Greenville to Grapevine			Refined Products	TX	Collin
12" Greenville to Grapevine			Refined Products	TX	Dallas
12" Greenville to Grapevine			Refined Products	TX	Tarrant
12" Irving Junction to Emery			Refined Products	TX	Tarrant
3" Arlington to Fort Worth Delivery			Refined Products	TX	Tarrant

3" Arlington to Love Field	(b) (7)(F)	Refined Products	TX	Tarrant
3" Arlington to Love Field		Refined Products	TX	Dallas
6" Arlington to Fort Worth Delivery		Refined Products	TX	Tarrant
8" Ardmore Station t Bell Junction		Refined Products	OK	Carter
8" Arlington to Grapevin		Refined Products	TX	Tarrant
8" Arlington to Irving Meter Station		Refined Products	TX	Tarrant
8" Arlington to Irving Meter Station		Refined Products	TX	Dallas
8" Emer to Bell Junction		Refined Products	TX	Tarrant
8" Emer to Bell Junction		Refined Products	TX	Denton
8" Emer to Bell Junction		Refined Products	TX	Cooke
8" Emer to Bell Junction		Refined Products	OK	Love
8" Emer to Bell Junction		Refined Products	OK	Carter
8" Grapevin to DFW Airport		Refined Products	TX	Tarrant
8" Total to				

Bell Junction	(b) (7)(F)	Refined Products	OK	Carter
8" Valero to Ardmore		Refined Products	OK	Carter

Worst Case Discharge (Refer to Appendix B for calculations):

- **Potential Oil Group:** 2
- **DOT/PHMSA Planning Volume:** (b) (7)(F)

RESPONSE ZONE INFORMATION

© Response Management Associates, Inc.

EXTERNAL NOTIFICATION REFERENCES

Oklahoma

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Carter		
Ardmore Ambulance	Ardmore, Oklahoma	(580) 223-1223
Ardmore Fire Department	Ardmore, Oklahoma	(580) 223-1212
Ardmore Police Department	Ardmore, Oklahoma	(580) 223-1212
Carter County LEPC	Ardmore, Oklahoma	(580) 223-4453
Carter County Sheriff Department		(580) 223-6014
Love		
Love County LEPC	Marietta, Oklahoma	(580) 267-3150
Marietta Ambulance	Marietta, Oklahoma	(580) 276-3347
Marietta Fire Department	Marietta, Oklahoma	(580) 276-3150
Marietta Police Department	Marietta, Oklahoma	(580) 276-9371

Texas

OTHER POTENTIAL REQUIRED NOTIFICATIONS (Cont'd)

DIAL - 911 for all Police, Fire and Ambulance Services.

Calls to 911 concerning petroleum spills will usually alert LEPC; however, it is advisable to notify them directly for any spill that requires a 911 notification.

AGENCY	LOCATION	OFFICE/ALTERNATE
Cooke County		
Cooke County LEPC	Gainsville, Texas	(940) 668-5400
Cooke County Sheriff Department		(940) 665-3471
Department of Public Safety	Gainsville, Texas	(940) 665-3471
Gainesville Ambulance	Gainesville, Texas	(940) 665-3471
Gainesville Fire Department	Gainesville, Texas	(940) 668-7777
Gainsville Police Department	Gainsville, Texas	(940) 668-7777
Dallas County		
City of Carrollton Police and Fire	Carrollton, TX, Texas	(972) 466-3333
Park & Wildlife	Garland, Texas	(972) 226-9966
Irving Ambulance	Irving, Texas	(972) 721-2308
Irving Fire Department	Irving, Texas	(972) 721-2308
Irving Police Department	Irving, Texas	(972) 721-2661
Dallas Ambulance	Dallas, Texas	(214) 744-4444
Dallas County LEPC	Dallas, Texas	(214) 653-7890
Dallas Police Department	Dallas, Texas	(214) 744-4444
Dallas Sheriff Department	Dallas, Texas	(214) 653-3450
Department of Public Safety	Cedar Hill, Texas	(972) 299-5474

Denton		
Denton Ambulance	Denton, Texas	(940) 349-8181
Denton County Fire Department	Denton, Texas	(940) 349-8181
Denton County LEPC	Denton, Texas	(940) 349-2840
Denton Police Department	Denton, Texas	(940) 349-8181
Denton County Sheriff Department	Denton, Texas	(940) 349-1600
Lewisville Ambulance	Lewisville, Texas	(972) 219-3640
Lewisville Fire Department	Lewisville, Texas	(972) 219-3640
Lewisville Police Department	Lewisville, Texas	(972) 219-3640
Sanger Ambulance	Sanger, Texas	(940) 349-1600
Sanger Fire Department	Sanger, Texas	(940) 349-1600
Sanger Police Department	Sanger, Texas	(940) 349-1600
Falls County		
Falls County Ambulance	Marlin, Texas	(254) 883-3443
Falls County Fire Department		(254) 883-1431
Falls County LEPC	Marlin, Texas	(254) 883-1426
Falls County Police Department		(254) 883-9255
Falls County Sheriff Department		(254) 883-1431
Franklin		
Calvert Fire Department	Calvert, Texas	(979) 828-3299
Calvert Police Department	Calvert, Texas	(979) 828-3299
Hill		
Aquilla Ambulance	Whitney, Texas	(254) 694-9706
Aquilla Fire Department	Aquilla, Texas	(254) 582-5313
Hill County Ambulance		(254) 582-5313
Hill County Fire Department		(254) 694-5985
Hill County LEPC	Hillsboro, Texas	(254) 582-5313
Hill County Sheriff Department		(254) 582-5313
Itasca Ambulance	Itasca, Texas	(254) 582-5313
Itasca Fire Department	Itasca, Texas	(254) 687-2020
Itasca Police Department		(254) 687-2020
Johnson		
Alvarado Fire Department	Alvarado, Texas	(817) 783-3131
Alvarado Police Department	Alvarado, Texas	(817) 783-3131
Grandview Police Department	Grandview, Texas	(817) 866-3399
Johnson County Ambulance	Cleburne, Texas	(817) 556-6060
Johnson County Fire Department		(817) 556-6060
Johnson County LEPC	Cleburne, Texas	(817) 556-6346
Johnson County Sheriff Department		(817) 556-6060
Mansfield Ambulance	Mansfield, Texas	(817) 473-0211
Mansfield Fire Department	Mansfield, Texas	(817) 473-0211
Mansfield Police Department	Mansfield, Texas	(817) 473-0211
Mc Lennan		
Department of Public Safety	Waco, Texas	(254) 759-7131
Mc Lennan County Ambulance	Waco, Texas	(800) 255-2011
Mc Lennan County Fire Department		(254) 757-5222
Mc Lennan County LEPC	Waco, Texas	(254) 757-5049
Mc Lennan County Sheriff Department	Waco, Texas	(254) 757-5222
Park & Wildlife	Waco, Texas	(254) 867-5313
Waco Ambulance	Waco, Texas	(800) 255-2011

Waco Fire Department	Waco, Texas	(254) 745-6051
Waco Police Department	Waco, Texas	(254) 750-7500
Robertson		
Bremond Fire Department	Bremond, Texas	(979) 828-3299
Bremond Police Department	Bremond, Texas	(254) 746-7710
Calvert Ambulance	Calvert, Texas	(979) 828-4911
Department of Public Safety		(979) 776-3100
Hearne Fire Department	Hearne, Texas	(979) 279-5333
Hearne Police Department	Hearne, Texas	(979) 279-5333
Robertson County Ambulance	Franklin, Texas	(979) 828-3299
Robertson County Fire Department	Franklin, Texas	(979) 828-3299
Robertson County Sheriff Department	Franklin, Texas	(979) 828-3299
Tarrant		
Arlington Ambulance	Arlington, Texas	(817) 274-4444
Arlington Fire Department	Arlington, Texas	(817) 274-4444
Arlington Police Department	Arlington, Texas	(817) 274-4444
Tarrant County Department of Public Safety	Hurst, Texas	(817) 299-1300
Euless Ambulance	Euless, Texas	(817) 685-1520
Euless Fire Department	Euless, Texas	(817) 685-1520
Hurst Fire Department	Hurst, Texas	(817) 788-7183
Hurst Police Department	Hurst, Texas	(817) 788-7183
Park & Wildlife	Haltom City, Texas	(817) 831-3128
Tarrant County Sheriff Department	Fort Worth, Texas	(817) 884-3000
Grapevine Fire Department	Grapevine, Texas	(817) 410-8127
Grapevine Police Department	Grapevine, Texas	(817) 410-8127
Haltom City Ambulance	Haltom City, Texas	(817) 834-7321
Haltom City Fire Department	Haltom City, Texas	(817) 834-7321
Haltom City Police Department	Haltom, Texas	(817) 834-7321
Hurst Ambulance	Hurst, Texas	(817) 788-7183
Euless Police Department	Euless, Texas	(817) 685-1526
Fort Worth Police Department	Fort Worth, Texas	(817) 335-4222
Tarrant County Game Warden	Haltom City, Texas	(817) 831-3128
Grapevine Ambulance	Grapevine, Texas	(817) 410-8127