IAP Cover Sheet Version Name: Period 11

Incident Name: Assault SWD Period: Period 11 [09/15/2017 06:00 - 09/30/2017 06:00]

Approved By

Deputy Incident Commander: Wittenbach, Stuart

### **Incident Action Plan**

IOII Pian

Notes

Period 11 Incident Action Plan (0600\_09/15/2017 - 0600\_09/30/2017 - ) \*This Operational Period will cover a eriod of 384 Hours\*

Overview



IAP Cover Sheet		Prepared By Davis, Tiffani, Updated 09/15/2017 08:35 GMT -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™	Printed 09/15/2017 08:35 GMT -6:00	Page 1 of 1	© TRG	

Weather Report				Version Name: Period	
Incident Name: Assault SWD				Period: Period 11 [09/15/2017 06:00 - 09/30/2017 06:0	
			Present Con	ditions	
			Conditions as o		7:41
			Data Entered N	fanually	
	Humidity (%): 58				Pressure: 29.77 IN
	Wind Speed: 13.00	MPH			Dew Point: 59.00
	ection (from): S				Feels Like: 75.00
7	Temperature: 75.00				UV Index:
0	Visibility: 10.00	) MI		•	
	rrent Speed:				Vave Height:
	Direction (to): Temperature:				ve Direction:
water i	emperature:				Swell Height: well Interval:
Mostly Cloudy with	n Nearby Thunderst	orms		31	ren miterval.
Forecast Date	Wind	Temp Hi/Lo	% Precip	Sunrisel Sunset	Notes
Fri	8.00 MPH W	95.00 F	34.00		Partly Cloudy with Scattered Storms
09/15/2017	10.00 MPH SW	66.00 F	39.00		Mostly Cloudy with Scattered Storms
<b>Sat</b> 09/16/2017	8.00 MPH S	91.00 F	39.00		Partly Cloudy with Scattered Storms
	8.00 MPH SE	64.00 F	30.00		Partly Cloudy with Scattered Storms
Sun	9.00 MPH SE	90.00 F	24.00		Partly Cloudy with Isolated Storms
09/17/2017	10.00 MPH SE	64.00 F	9.00		Partly Cloudy
Mon	7.00 MPH ESE	90.00 F	10.00		Partly Cloudy with Isolated Storms
09/18/2017	7.00 MPH ESE	66.00 F	28.00		Partly Cloudy with Scattered Storms
Tue	8.00 MPH SW	93.00 F	28.00		Partly Cloudy with Scattered Storms
09/19/2017	10.00 MPH WSW	66.00 F	19.00		Partly Cloudy with Isolated Storms
Wed	11.00 MPH WSW	91.00 F	18.00		Partly Cloudy with Scattered Storms
09/20/2017	10.00 MPH SW	64.00 F	19.00		Partly Cloudy with Isolated Storms
Thu	11.00 MPH WSW	91.00 F	9.00		Mostly Sunny
09/21/2017	7.00 MPH SSW	73.00 F	8.00		Clear
Fri	8.00 MPH WSW	91.00 F	7.00		Mostly Sunny
09/22/2017	6.00 MPH SSW	75.00 F	7.00		Partly Cloudy
Sat	7.00 MPH NW	90.00 F	0.00		Sunny
09/23/2017	7.00 MPH WSW	72.00 F	0.00		Clear

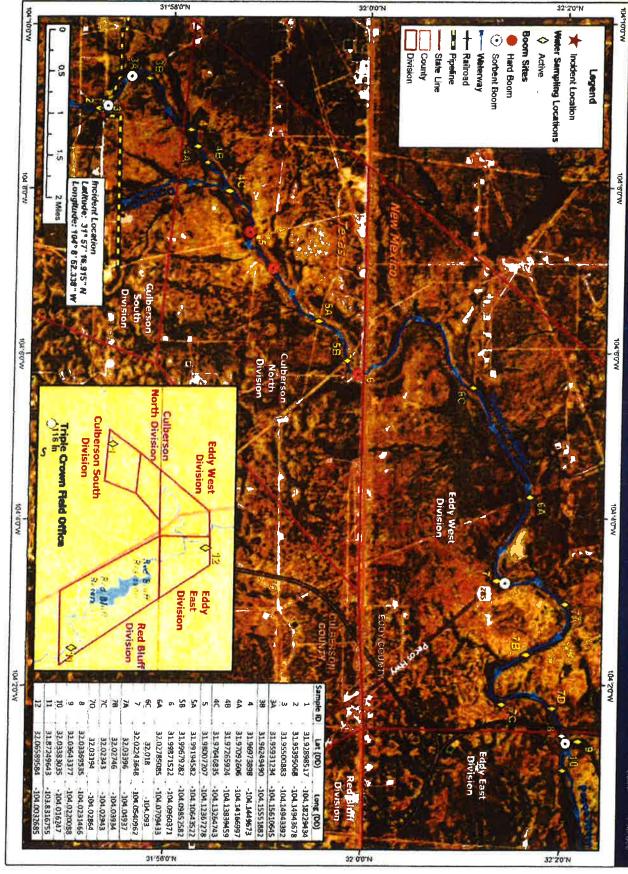
Weather Report			Version Name: Period 11	
Incident Name: Assault SWD			Period: Period 11 [09/15/2017 06:00 - 09/30/2017 06:00	
C	19.00 MPH N	86.00 F	0.00	Sunny
<b>Sun</b> 09/24/2017	10.00 MPH NNE	72.00 F	0.00	Clear
Man	7.00 MPH SE	90.00 F	0.00	Sunny
<b>Mon</b> 09/25/2017	6.00 MPH SSW	70.00 F	0.00	Mostly Clear
Tue	6.00 MPH SE	86.00 F	0.00	Sunny
	9.00 MPH E	68.00 F	25.00	Mostly Clear with Light Rain
Wed	14.00 MPH ENE	81.00 F	0.00	Sunny
09/27/2017	12.00 MPH SE	64.00 F	0.00	Clear
Thu	11.00 MPH SE	84.00 F	0.00	Sunny
09/28/2017	12.00 MPH SE	68.00 F	0.00	Clear
Fri	8.00 MPH SE	88.00 F	0.00	Sunny
09/29/2017	10.00 MPH S	75.00 F	0.00	Clear
			Tides	





# Midland - Assault SWD Gathering Line Incident Situation Status Map 8-9-2017 At 07:00

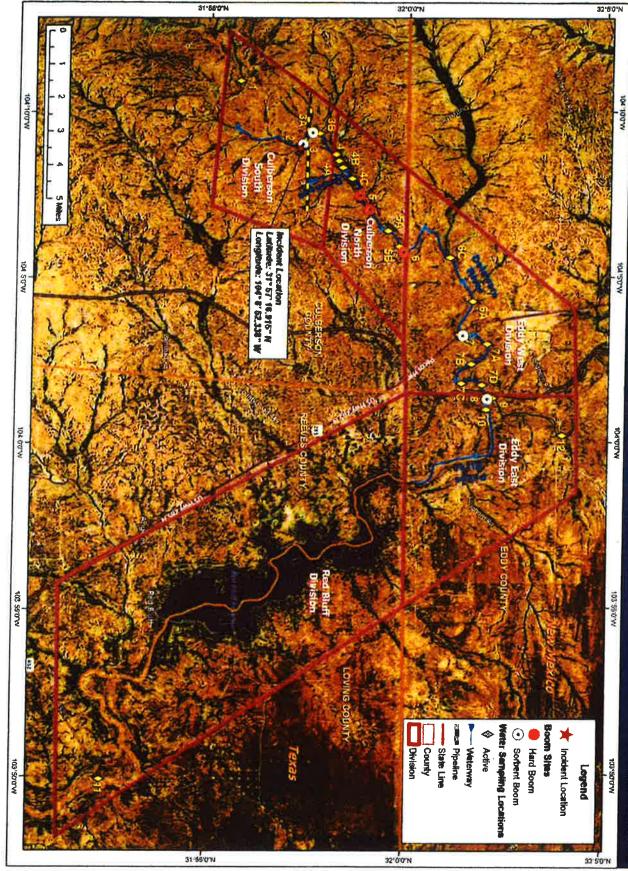






# Midland - Assault SWD Gathering Line Incident Division Overview Map

The Response Group



ICS 202 - Incident Objectives		Version Name: Period 11
Incident Name: Assault SWD		Period: Period 11 [09/15/2017 06:00 - 09/30/2017 06:00
	Objectiv	re(s)
Ensure the Safety of the public and Response Personnel		
Maximize Protection of Environmentally-Sensitive Areas		
Contain and Recover Spilled Material		
Manage Coordinated Response Effort		
Keep Stakeholders Informed of Response Activities		
Operational Period Command Emphasis	(Safety N	lessage, Priorities, Key Decisions/Directions)
ocate and remove any identified hydrocarbons on ampling of the river water will be conducted M,W aple is Sept. 29 ponse workers will continually observe for any	/,F and a	according to XEC protocol. The estimated last day t
observations will be reported immediately to		nmand Staff.  n Components
x ICS 202 - General Response Objectives	x x	ICS 206 - Medical Plan
ICS 202A - Command Direction	x	ICS 207 - Organization Chart
ICS 203 - Organization Assignment List	x	ICS 208 - Site Safety Plan
x ICS 204 - Assignment List	x	ICS 220 - Air Operations Summary
☐ ICS 205 - Communications Plan		Map / Chart
x ICS 205a - Communications List	x	Weather Forecast
☐ ICS 205 - Communications Plan	x	

ICS 202 - Incident Objectives		Prepared By Davis, Tiffani, Updated 09/15/2017 07:57 GMT -6:00 PP		
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## ICS 204 - Assignment List Command Post: Command Post Incident Name: Assault SWD Period: Period 11 [09/15/2017 06:00 - 09/30/2017 06:00] **Operations Personnel** Position Name Affiliation Contact Number(s) Work Shift Deputy Incident Commander Wittenbach, Stuart Cimarex (918) 404-1084 Assignments The Monday and Thursday Status Update Briefing phone calls have been suspended as of September 15, 2017.

ICS 204 - Assignment List		Prepared By Davis, Tiffani, Updated 09/15/2017 08:33 GMT -6:00 PF		
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ICS 204 - Assignment List	Group: Sampling Group	
Incident Name: Assault SWD	Period: Period 11 [09/15/2017 06:00 - 09/30/2017 06:	

		Operations Personnel		
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Deputy	Barton, Kim	Cimarex	432-853-4472	Day Shift
Operations Section Chief	Leatherwood, Josh	Cimarex	432-741-0179	Day Shift
Planning Section Chief	Alderman, Christie	Cimarex	432-620-1982	Day Shift
Operations Section Chief	Leatherwood, Josh	Cimarex	432-741-0179	
Deputy Operations Section Chief	Barton, Kim			
Talon Sampling Team	Adkins, David	Talon LPE	(575) 441-4835	Day Shift
NTG Sampling Team	Charanza, Trey	NTG	281-682-9932	Day Shift
NTG Sampling Team	Brown, Brandon	NTG	832-361-9568	Day Shift

#### Resources Required

Area Of Operation Resource Kind		Description	Quantity	Size
Sampling Group	Manpower: Responder	Manpower: Responder	4 each	
Sampling Group	UTV	UTV	4 each	
Sampling Group	Equipment: Small	Water Sampling Kit	4 each	

#### Assignments

Sampling Schedule Starting 8/21/2017 M,W,F no weekend. The estimated last day to sample is September 29,2017

Jtilize UTVs to access the waterway and continue water sampling of all marked sampling locations. Provide samples to ICP for ansport to Permian Basin Environmental Labs for analysis.

alon will conduct sampling of the following locations: ampling Locations: 1, 2, 3, 3a, 3b, 4, 4a, 4b, 4c, 5, 5a, 5b ocated in Texas\*

TG will conduct sampling of the following locations: ampling Locations: 6, 6a, 6c, 7, 7a, 7b, 7c, 7d, 8, 9, 10, 11, 12

ocated in New Mexico FXCFPT for location 11 in Texas\*

Name / Function	Contact Details

Radio Ch: Repeater

#### Special Environmental Considerations

Communications

Responders should be aware of plants and wildlife. Caution is advised while working in environmentally sensitive areas to ninimze operational impacts. If impacted wildlife is observed; notify supervisor and Incident Management Team.

#### Special Site-Specific Safety Considerations

Ensure pre-job safety meetings are conducted and JSAs are completed identifying all potential hazards prior to commencing perations. Reference ICS-208 Site Safety Plan for specifics and emergency contact information.

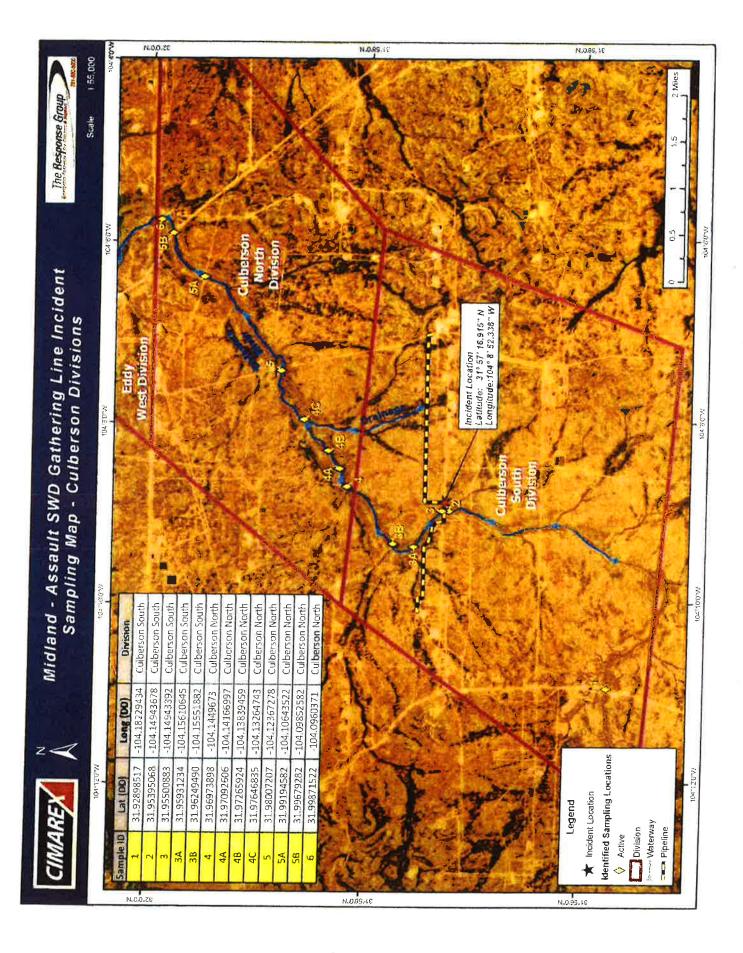
ICS 204 - Assignment List		Prepared By Lumpkin, Kyle, Updated 09/15/2017 08:01 GMT -6:00 PF		
INCIDENT ACTION PLAN SOFTWARE™ Printed 09/15/2017 08:01 GMT -6:00		Page 1 of 1	© TRG	

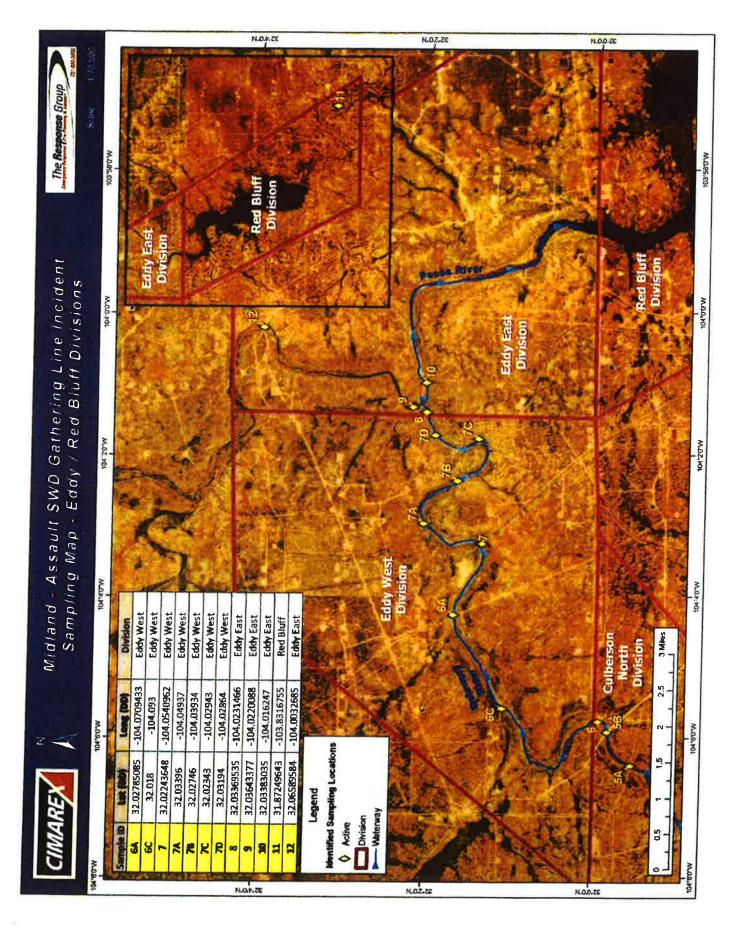


#### Assault SWD Gathering Line Incident Sampling Locations



Sample ID	Let (DD)	Long (DD)	Division
1	31.92898517	-104.18229434	Culberson South
2	31.95395068	-104.14943678	Culberson South
3	31.95500883	-104.14943392	Culberson South
3A	31.95931234	-104.15610645	Culberson South
38	31.96249490	-104.15551882	Culberson South
4	31.96973898	-104.1449673	Culberson North
4A	31.97092606	-104.14166997	Culberson North
4B	31.97265924	-104.13839459	Culberson North
4C	31.97646835	-104.13264743	Culberson North
5	31.98007207	-104.12367278	Culberson North
5A	31.99194582	-104.10643522	Culberson North
5B	31.99679282	-104.09852582	Culberson North
6	31.99871522	-104.0960371	Culberson North
6A	32.02785085	-104.0709433	Eddy West
6C	32.018	-104.093	Eddy West
7	32.02243648	-104.0540962	Eddy West
7A	32.03396	-104.04937	Eddy West
7B	32.02746	-104.03934	Eddy West
7C	32.02343	-104.02943	Eddy West
<b>7</b> D	32.03194	-104.02864	Eddy West
8	32.03369535	-104.0231466	Eddy East
9	32.03643377	-104.0220088	Eddy East
10	32.03383035	-104.016247	Eddy East
11	31.87249643	-103.8316755	Red Bluff
12	32.06589584	-104.0032685	Eddy East

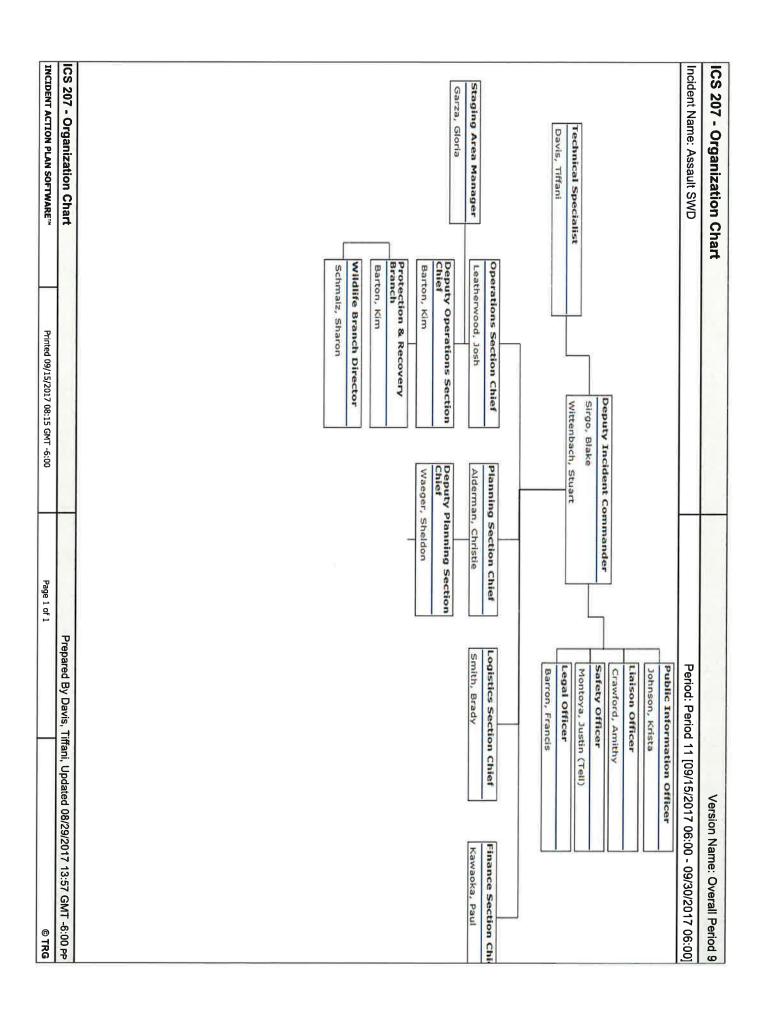


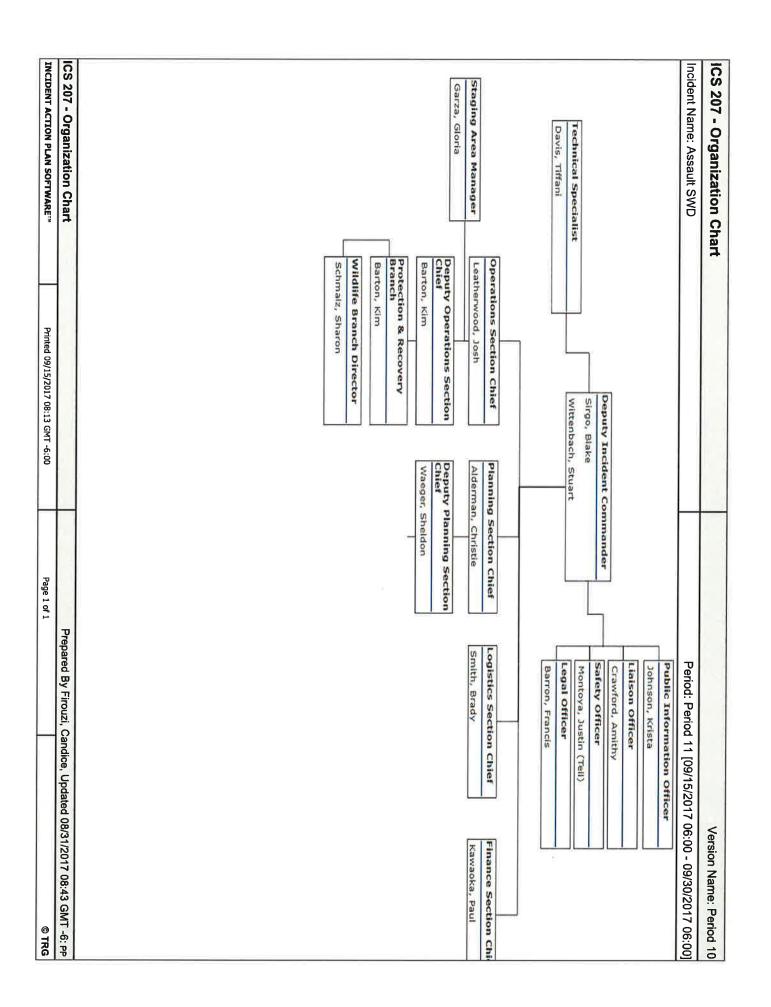


©cimarex.com Prepared By Davis, Tiffani, Updated 09/15/2017 08:02 GMT -6:00 PP	Prepared By Davis			ations List	ICS 205a - Communications List
		î			
	swittenbach@cimarex.com	918-560-7257	(918) 404-1084	Deputy Incident Commander	Wittenbach, Stuart
	swaeger@cimarex.com	918-560-7157	918-557-4177	Deputy Planning Section Chief	
com	Itannehill@responsegroupinc.com	281-880-5000	985-249-9002	Technical Support	Tannehill, Lance
	bmsmith@cimarex.com	432-571-7711	505-506-7116	Logistics Section Chief	Smith, Brady
	bsirgo@cimarex.com	432-571-7869	432-301-2368	Deputy Incident Commander	Sirgo, Blake
	ssimonton@cimarex.com	918-295-1710	918-633-9927	Incident Commander	Simonton, Steve
nterofTexas.or	SharonSchmalz@WildlifeCenterofTexas.or		281-731-8826	Wildlife Branch Director	Schmalz, Sharon
			918-384-9077	Protection & Recovery Branch Director	Pollard, David
		432-653-3866	575-749-0009	Safety Officer	Montoya, Justin (Tell)
com	klumpkin@responsegroupinc.com	281-880-5000	281-795-1353	Technical Support	Lumpkin, Kyle
	jleatherwood@cimarex.com	432-620-1981	432-741-0179	Operations Section Chief	Leatherwood, Josh
	PKawaoka@cimarex.com	918-295-1827		Finance Section Chief	Kawaoka, Paul
	kjohnson@cimarex.com	303-285-4964	303-285-4964	Public Information Officer	Johnson, Krista
	ggarza@cimarex.com	432-620-1963	432-234-3204	Safety Officer	Garza, Gloria
	sfreemyer@cimarex.com	918-560-72266	(918) 439-6420	Logistics Section Chief	Freemyer, Steve
	tdavis@cimarex.com	918-560-7209	918-637-0348	Technical Specialist	Davis, Tiffani
	acrawford@cimarex.com	432-620-1909		Liaison Officer	Crawford, Amithy
	tcharanza@ntglobal.com	281-872-9300	281-682-9932	NTG Sampling Team	Charanza, Trey
	bbrown@ntglobal.com	281-872-9300	832-361-9568	NTG Sampling Team	Brown, Brandon
	kbarton@cimarex.com	432-620-1952	432-853-4472	Deputy Operations Section Chief	Barton, Kim
com	abarron@responsegroupinc.com	281-880-5000	713-725-9685	GIS Technical Support	Barron, Austin
	calderman@cimarex.com	432-620-1982	432-853-7059	Planning Section Chief	Alderman, Christine
Notes	Email	Work Phone	Mobile Phone	Incident Assigned Position	Name
	1formation	Local Communications Information	Local C		
Period: Period 11 [09/15/2017 06:00 - 09/30/2017 06:00]	Period: Per			SWD	Incident Name: Assault SWD
Version Name: Penod 11				audiis List	ICS 203a - Colliniullications Else

\*

ICS 206 - Medical Plan									Version	Nam	e: P	eriod 11
Incident Name: Assault S\	<b>ND</b>			Pe	eriod: Per	iod 11 [	[09/15	5/201	7 06:00 - (	09/30/	′201	7 06:00]
			Medica	I Aid Station	s							
Name		Locatio	on			Param On S		Phoi	ne		-	adio
Assault Staging Area											Re	peater
	Tra		tation (Ground a	and/or Air An	_	Service	ces)					
Ambulance Service		Location			Phone				Radio		Air	ALS
Carlsbad Air Ambulance		-104.1	8369 31.95551		Ph1: 1-8			0		_	x	누片
Carlsbad Ambulance					Ph1: 57	<b>⊃-88</b> 5-∠	2111			_	Ш	
				ospitals						-	-	
	Location		Рһопе	Radio	Air Trav Time		Ground avel T		Trauma Center	Helip	oad	Burn Center
Carlsbad Hostpital			Ph1: 575-887- 4100		min		min			x		
		S	pecial Medical E	Emergency F	Procedure	es						
North Pad  Southeast Corner of the  /GS 84: N31.9440348  /GS 84: N31° 56' 38.5   buth Pad  irectly West of the Triph  GS 84: N31.8363284  GS 84: N31° 50' 10.7	°, W104.1 25", W10 ple Crowr °, W104.2	.82759 .4° 10' . Office 21815	98° 57.935" e 93°	n the north	side of	the De	elawa	are R	tiver			
ICS 206 - Medical Plan				P	repared By	Davis, Ti	iffani, U	Jpdate	d 09/15/201	7 08:04	• GМТ	-6:00 PF
INCIDENT ACTION PLAN SOFTWA	ARE™ Prin	ted 09/15/	2017 08:04 GMT -6:00		Page 1 of							© TRG





ICS :	208 -	Site Safety P	lan									Version I	Name: Period 11
Incide	nt Nar	me: Assault SWD	)						Period: Po	eriod 1	1 [09/	15/2017 06:00 - 09	9/30/2017 06:00]
Applie	s to S	ite:											
							Site Chara	cterizat	ion				
Wate	r	Delaware River	Lar	nd					Weather		Partly	/ Cloudy	
Wave	Heigl		Lar	nd U	se				Air Temp	<b>o</b>	86.00 Fahre	) enheit	
Spee	d	11.5 CFS							Wind Sp	eed	6.00	mph	
Direc	tion								Direction	1	N		
							Site H	azards					
Yes	No	Hazards		Y	es	No	Hazards			Yes	No	Hazards	
x		Boat Safety			]		Fire, Expl Burning	osion, In	-situ	x		Pump Hose	
		Chemical Hazar	ds		x		Heat Stre	ss		x		Slips, Trips, and	Falls
		Cold Stress			]		Helicopte	r Operati	ons			Steam and Hot V	Vater
		Confined Space	s		x		Lifting					Trenching/Excav	ation
		Drum Handling			X		Motor Vel	nicles		x		UV Radiation	
x		Equipment Ope	rations				Noise					Visibility	
		Electrical Opera	tions		_		Overhead		Jtilities	x		Weather	
x		Fatigue			x		Plants/Wi	ldlife		x		Work Near Wate	r
							Air Monito	ring Lin	its				
	en Lev	el		!	Ну	drogen	Sulfide			T	Total H	lydrocarbons	
LEL				_[	Bei	nzene							
							Engineerin	ng Contr	ols				
x	Sourc	e of release secu	ıred		K		(s) closed				Energ	gy sources locked/	tagged out
	Site s	ecured			<u>_</u>		ty shut dow						
				P	ers	onal F	Protective	Equipme	ent Requ	ired			
		vious suit		1	K	_	e resistant	clothing		x		rotection	
		gloves		]	K	Hard				x		onal flotation	
X	Outer	gloves		]_[	<u>_</u>	Respi	rators			x	Boots	<b>5</b>	
				A	dd		Control M	leasures	Establis	hed			
	_	ntamination			<u>_</u>	Illumir						ional stations estal	blished
	Sanita	ation			_	Medic	al surveilla	nce			Facili	ties provided	
								Plan					
x	Boom			1		Excav				Ц	Hot w		
x	Skimr			ļ Ļ	<u>_</u>	<u> </u>	y equipmer	nt			Appro	priate permits use	ed
Щ.	Vac tr			1 2	K	_	ent pads						
Ш	Pump	ing				Patch							
								ning					
×		ed site workers tra tory requirement		cal/f	ed	eral	Training Requirem	ients					
ICS 2	08 - Si	te Safety Plan						Prepai	red By Dav	is, Tiffa	ni, Upo	dated 09/15/2017 08	:19 GMT -6:00 PP
		ON PLAN SOFTWARE	™ Printed	09/15	/201	17 08:19 (	GMT -6:00		Page 1			T	© TRG

ICS	208 - Site Safe	ty Plan						Version	on Name: Period 11
Incide	ent Name: Assault	SWD				Period: Pe	eriod 1	1 [09/15/2017 06:00	- 09/30/2017 06:00]
				Organ	nizatio	n			
Positi	on	Name		Telephone/Radio	Posit	tion		Name	Telephone/Radio
	ty Incident nander	Wittenbach, Stua	art	(918) 404-1084	Oper Chie	rations Section	on	Leatherwood, Josh	432-741-0179
Safet	y Officer	Garza, Gloria		432-234-3204					
				Emerge	ncy P	lan			
	Fire Prevention P	lan		Evacuation Plan	1				
	Alarm System			First Aid Location	n				
				Notific	cation	s			
	Facility	4		Phone		Facility		W	Phone
x	Hospital	Carlsbad Hosp		575-887-4100	x	Fire		Carlsbad Fire Dept	575-885-3125
x	Ambulance	Carlsbad Ambu	ulanc	e 575-885-2111	x	Law Enforceme	nt	Carlsbad Police Dept	575-887-7551
x	Air Ambulance	Carlsbad Ambu	ılanc	e 1-800-800- 0900		Emergency Response/le			
				Initial	Briefiı	ng			
	Initial safety briefi	ng prepared for e	ach s	site					
ICS 2	08 - Site Safety Pl	an	7		Pre	pared By Dav	is, Tiffa	ni, Updated 09/15/2017	08:19 GMT -6:00 PP
	NT ACTION PLAN SOFT		9/15/2	017 08:19 GMT -6:00		Page 2 o			© TRG

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09/15/2017 08:23 GMT -6:00 PP	, Updated	d by Davis, Tittani	1 10000						
		1	Drenam			Company of the Compan		ICS 220 - Air Operations	ICS 2
Operational area(s)	O <sub>2</sub>					-			
Well pad east of Staging Area		Delaware & Pecos Rivers	Delaware & P			Kyle Lange (nelo pilot)  Kyle Lumpkin (sUAS Pilot)	\$ 2		118.7
Fly From	Ţ.			Mission Start	or Instructions for	Name of Personnel or Cargo or Instructions for Tactical Aircraft	<u> </u>	ion	Function
				Assignment	Task / Mission / Assignment				
d-By	*On Stand-By	08/09/2017 11:00		ational Area	Home Base/Operational Area (s)	DJI Phantom 4-5		Drone (Quad-copter)	
d-By	*On Stand-By	08/09/2017 11:00		itional Area	Home Base/Operational Area (s)	DJI Phantom 4-6		Drone (Quad-copter)	
d-By	*On Stand-By	08/09/2017 10:00		(San	Lange Helo Base (San Angelo, TX)	Lange Helocopters (Tail #N7528R)	# 15	Helo	
	Remarks	Start	Available	A	Base	MakelModel	_	V# Category	FAA N#
				ters	Helicopters				
				126.8					
				124.6					
				121.9	I <del></del>				
				121.1	I <del></del>				
				118.7			Ī		
				118.05	432-620-1981		Leatherwood, Josh	Operations Section Chief	Opera
FM	AM		3	Frequency / Function	432-620-1952		Barton, Kim	Deputy Operations Section Chief	Deput Chief
	S	Frequencies				Phone	Name	on	Position
				Center Point		Personnel	Pers		
				Altitude	 		eriod 11	Held will be on stand-by for Period 11	Lelo
umber	riction N	mporary Flight Restriction Number	Tempo			=	y for Period	One sUAS will be on stand-by for Period 11	One s
		1)		New Incident		Remarks (safety notes, hazards, air operations special equipment, etc)	hazards, ai	emarks (safety notes	70
				Medivac		08/15/2017 19:30	7	09/15/2017 07:07	
	ircraft	Ready Alert Aircraft				Sunset		Sunrise	
Period: Period 11 [09/15/2017 06:00 - 09/30/2017 06:00]	09/15/20	eriod: Period 11	Pe					Incident Name: Assault SWD	Incide
version name: Feriod 11									3
Version Name: Terrod									