

IAP Cover Sheet	Version Name: Period 9
Incident Name: Assault SWD	Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]

Approved By	
Deputy Incident Commander:	Wittenbach, Stuart 

Incident Action Plan

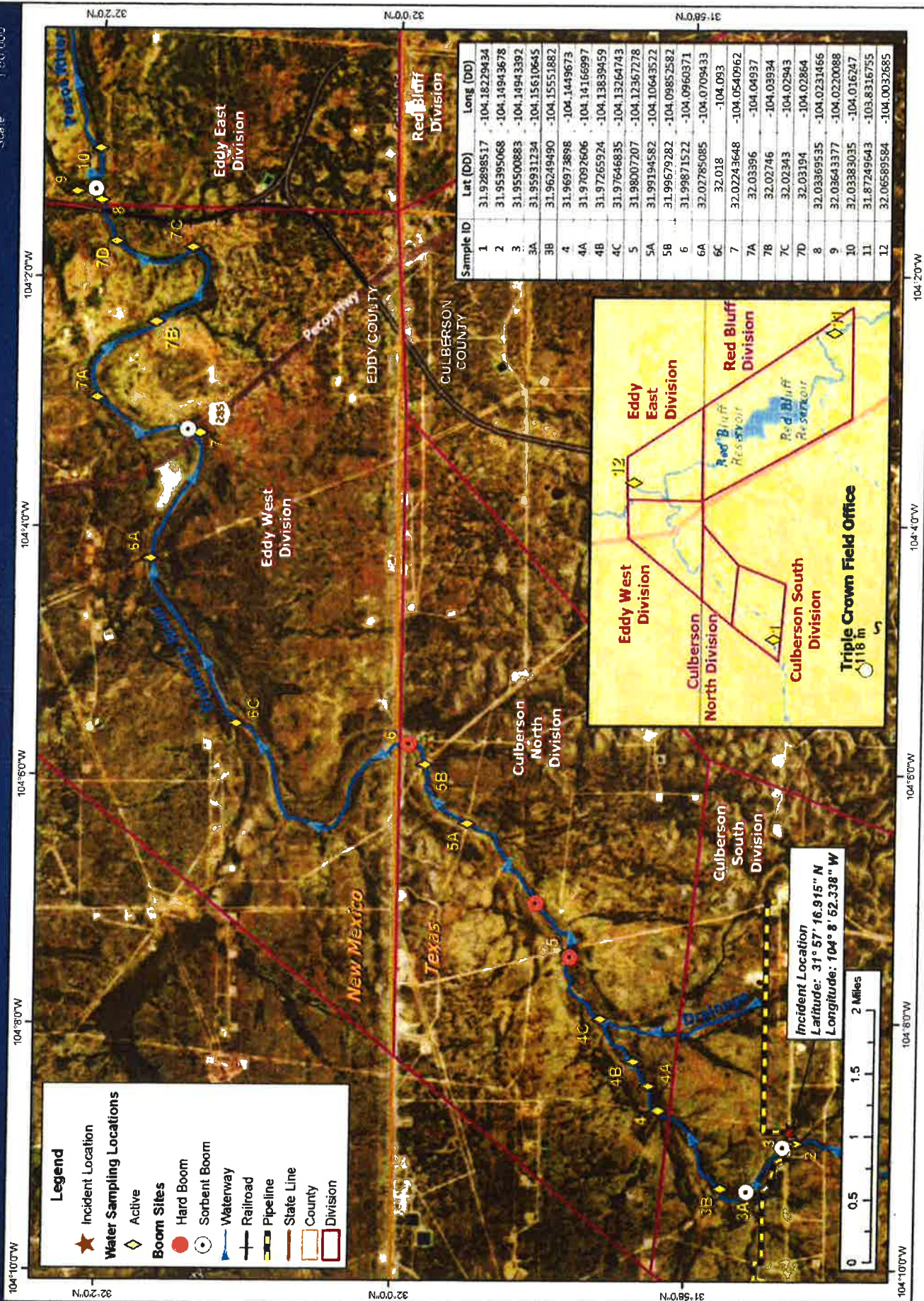
Notes

Period 9 Incident Action Plan (0600_08/29/2017 - 0600_09/05/2017 -) *This Operational Period will cover a eriod of 192 Hours*

Overview



Weather Report			Version Name: 20170829_0600		
Incident Name: Assault SWD			Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]		
Present Conditions					
<i>Weather Conditions as of 08/29/2017 09:53</i>					
<i>Data Entered Manually</i>					
Humidity (%) : 63 Wind Speed : 3.00 MPH Wind Direction (from) : N Temperature : 71.00 F Visibility : 10.00 MI Current Speed : Current Direction (to) : Water Temperature :			Pressure : 30.03 IN Dew Point : 58.00 Feels Like : 71.00 UV Index : Wave Height : Wave Direction : Swell Height : Swell Interval :		
Partly Cloudy					
Forecast Date	Wind	Temp Hi/Lo	% Precip	Sunrise/ Sunset	Notes
Tue 08/29/2017	7.00 MPH NNE	88.00 F	6.00		Mostly Sunny
	5.00 MPH NNE	61.00 F	2.00		Clear
Wed 08/30/2017	7.00 MPH NNW	91.00 F	0.00		Sunny
	5.00 MPH ENE	63.00 F	0.00		Clear
Thu 08/31/2017	7.00 MPH NE	90.00 F	0.00		Sunny
	5.00 MPH E	64.00 F	0.00		Clear
Fri 09/01/2017	8.00 MPH ESE	93.00 F	3.00		Mostly Sunny
	8.00 MPH SE	66.00 F	3.00		Partly Cloudy
Sat 09/02/2017	7.00 MPH ESE	91.00 F	6.00		Partly Cloudy
	8.00 MPH E	66.00 F	11.00		Mostly Clear
Sun 09/03/2017	7.00 MPH ENE	90.00 F	6.00		Mostly Sunny
	6.00 MPH E	66.00 F	10.00		Mostly Clear
Mon 09/04/2017	8.00 MPH E	91.00 F	7.00		Mostly Sunny
	6.00 MPH E	75.00 F	7.00		Clear
Tue 09/05/2017	9.00 MPH NNE	88.00 F	13.00		Partly Cloudy with Isolated Showers
	7.00 MPH NE	77.00 F	21.00		Mostly Cloudy with Scattered Showers
Tides					
Weather Report			Prepared By Davis, Tiffani, Updated 08/29/2017 11:01 GMT -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™		Printed 08/29/2017 11:01 GMT -6:00	Page 1 of 1		© TRG



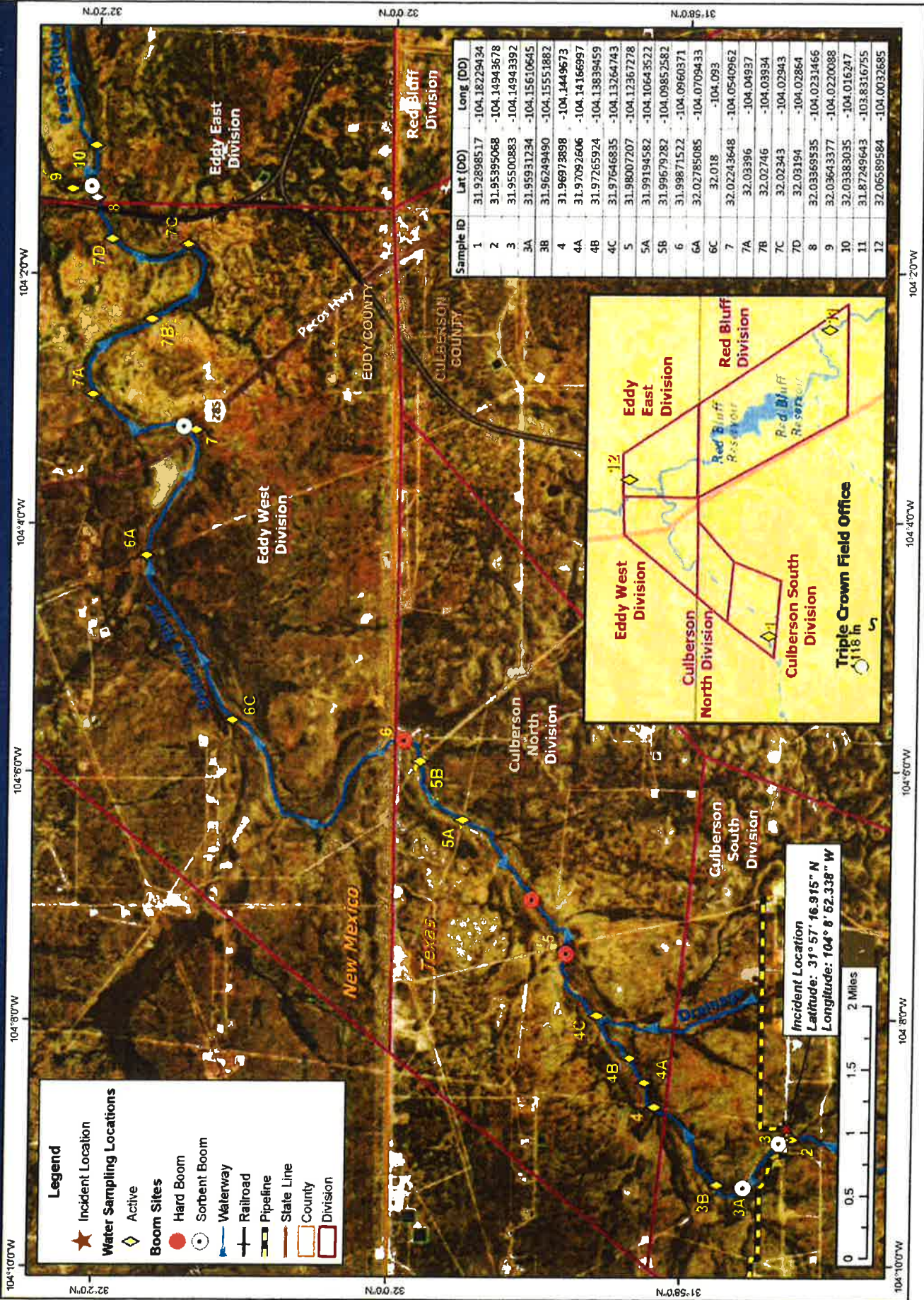


Midland - Assault SWD Gathering Line Incident Situation Status Map

8/9/2017 At 07:00



Scale 1:50,000

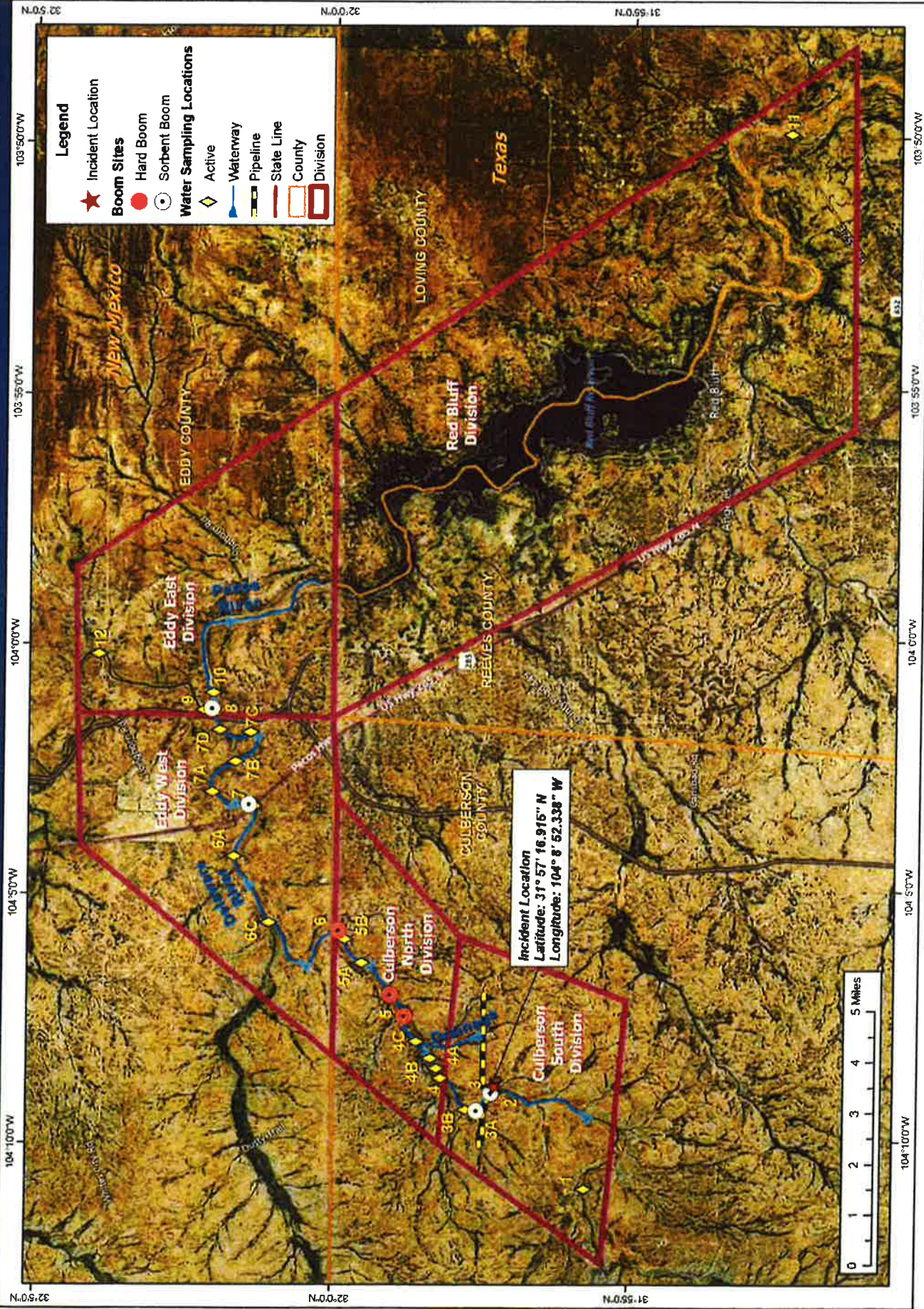




Midland - Assault SWD Gathering Line Incident Division Overview Map



Scale 1:150,000



ICS 202 - Incident Objectives		Version Name: Period 9	
Incident Name: Assault SWD		Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]	
Objective(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 Message, Priorities, Key Decisions/Directions)			
Safety of all on-site personnel is utmost priority. Stop work authority will be utilized at all times. ocate and remove any identified hydrocarbons on the river. ampling of the river water will be conducted M,W,F and according to XEC protocol. sponse workers will continually observe for any wildlife/fisheries impacts. / observations will be reported immediately to the Command Staff.			
Incident Action Plan Components			
☒	ICS 202 - General Response Objectives	☒	ICS 206 - Medical Plan
☐	ICS 202A - Command Direction	☒	ICS 207 - Organization Chart
☐	ICS 203 - Organization Assignment List	☒	ICS 208 - Site Safety Plan
☒	ICS 204 - Assignment List	☒	ICS 220 - Air Operations Summary
☐	ICS 205 - Communications Plan	☒	Map / Chart
☒	ICS 205a - Communications List	☒	Weather Forecast
ICS 202 - Incident Objectives		Prepared By Davis, Tiffani, Updated 08/29/2017 11:02 GMT -6:00 PP	
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ICS 204 - Assignment List			Group: Sampling Group	
Incident Name: Assault SWD			Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]	
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 Utilize UTVs to access the waterway and continue water sampling of all marked sampling locations. Provide samples to ICP for transport to Permian Basin Environmental Labs for analysis. Talon will conduct sampling of the following locations: Sampling Locations: 1, 2, 3, 3a, 3b, 4, 4a, 4b, 4c, 5, 5a, 5b Located in Texas* ITG will conduct sampling of the following locations: Sampling Locations: 6, 6a, 6c, 7, 7a, 7b, 7c, 7d, 8, 9, 10, 11, 12 Located in New Mexico EXCEPT for location 11 in Texas*				
Communications				
Name / Function	Contact Details			
Radio Ch: Repeater				
ICS 204 - Assignment List			Prepared By Lumpkin, Kyle, Updated 08/22/2017 13:42 GMT -6:00 PF	
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Assault SWD Gathering Line Incident Sampling Locations



Scale: 1:180,000

Sample ID	Lat (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
3B	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
7D	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



Midland - Assault SWD Gathering Line Incident Sampling Map - Culberson Divisions



Scale 1:55,000

104°12'0"W

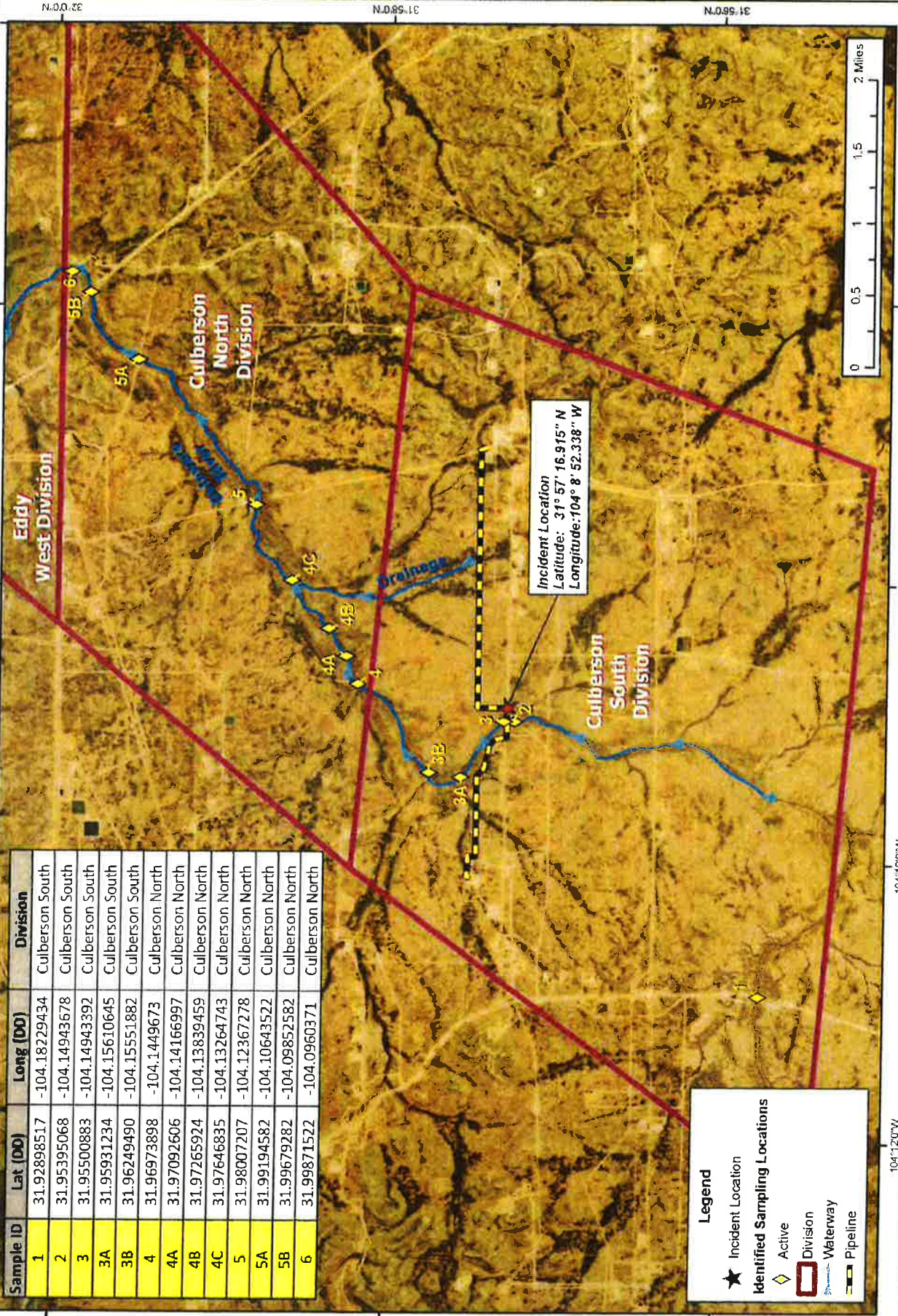
104°20'0"W

104°30'0"W

104°30'0"W

104°40'0"W

Sample ID	Lat (DD)	Long (DD)	Division
1	31.92898517	-104.18229434	Culberson South
2	31.953395068	-104.14943678	Culberson South
3	31.95500883	-104.14943392	Culberson South
3A	31.95931234	-104.15610645	Culberson South
3B	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



104°12'0"W

104°20'0"W

104°30'0"W

104°30'0"W

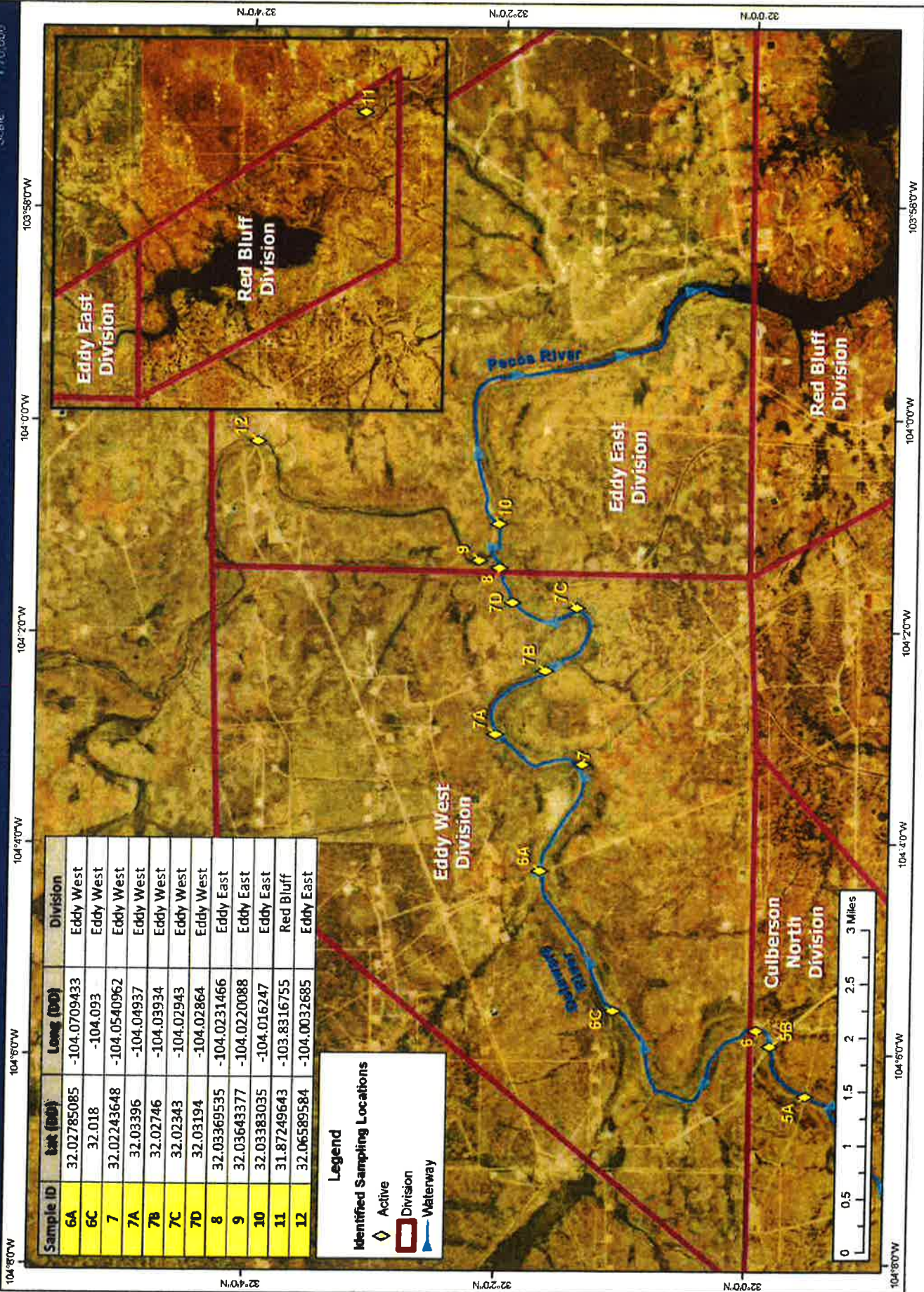
104°40'0"W



Midland - Assault SWD Gathering Line Incident Sampling Map - Eddy / Red Bluff Divisions

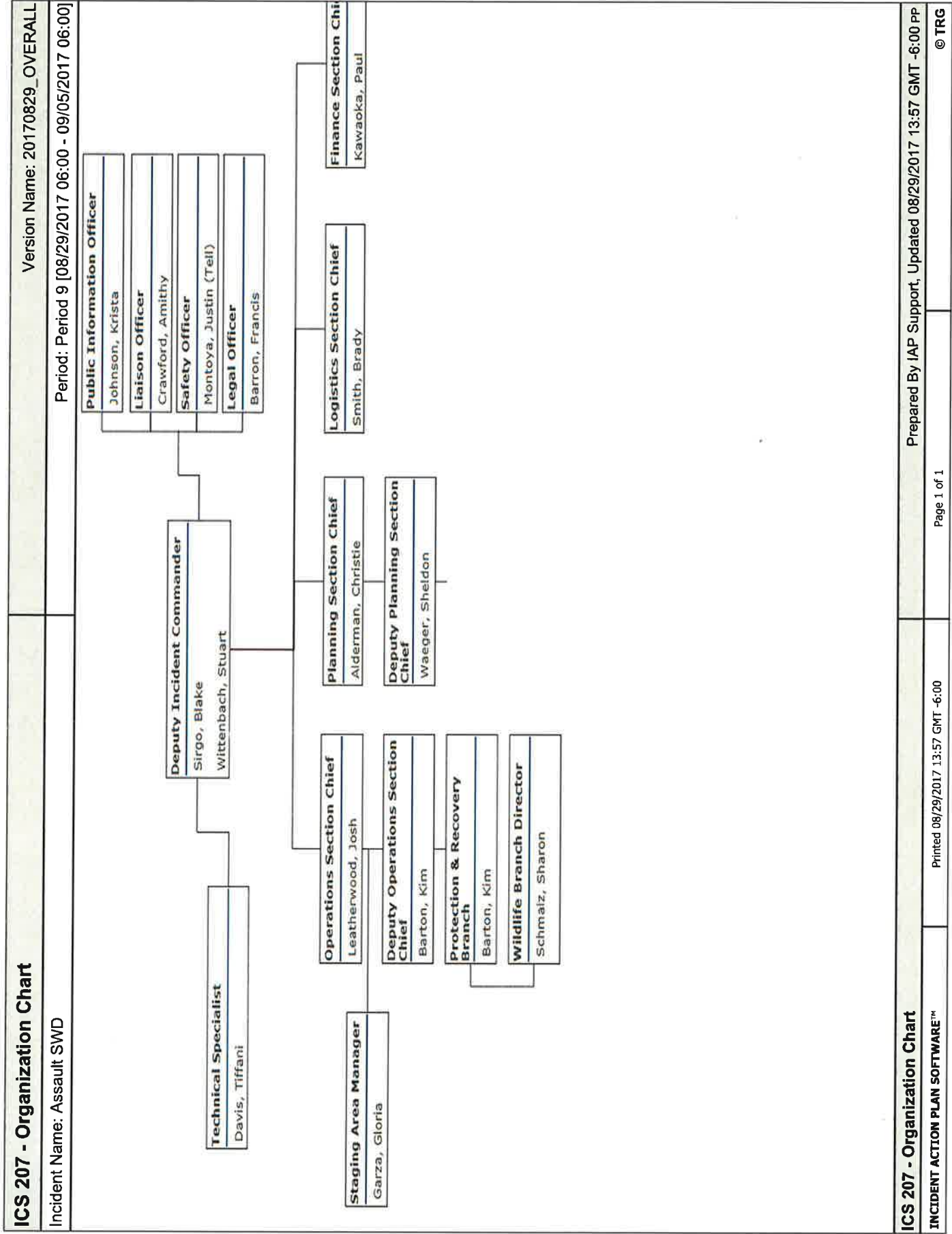


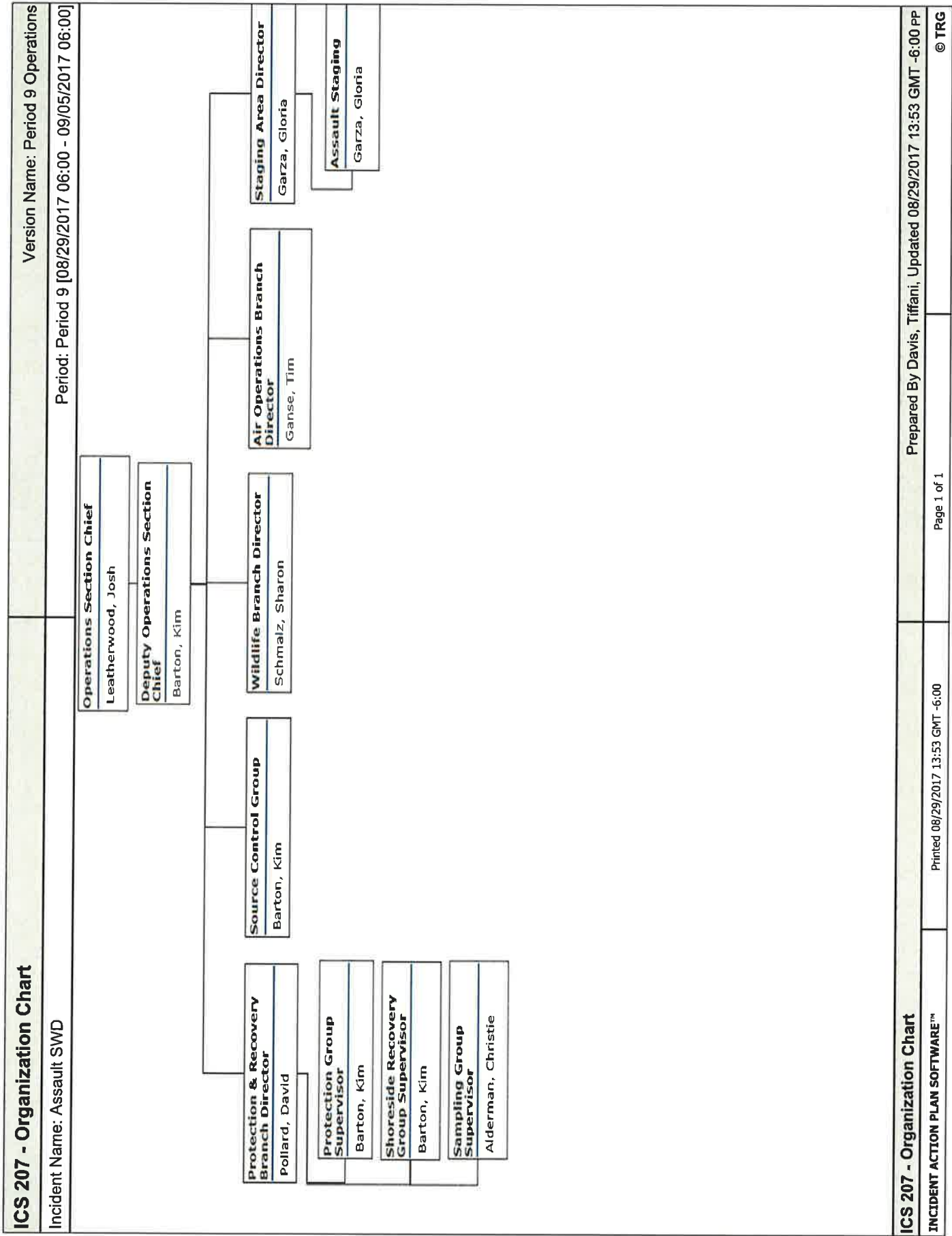
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ICS 205a - Communications List					Version Name: Period 9	
Incident Name: Assault SWD					Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]	
Local Communications Information						
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes	
Alderman, Christine	Planning Section Chief	432-853-7059	432-620-1982	calderman@cimarex.com		
Barron, Austin	GIS Technical Support	713-725-9685	281-880-5000	abarron@responsegroupinc.com		
Barton, Kim	Deputy Operations Section Chief	432-853-4472	432-620-1952	kbarton@cimarex.com		
Brown, Brandon	NTG Sampling Team	832-361-9568	281-872-9300	bbrown@ntglobal.com		
Charanza, Trey	NTG Sampling Team	281-682-9932	281-872-9300	tcharanza@ntglobal.com		
Crawford, Amithy	Liaison Officer		432-620-1909	acrawford@cimarex.com		
Davis, Tiffani	Technical Specialist	918-637-0348	918-560-7209	tdavis@cimarex.com		
Freemyer, Steve	Logistics Section Chief	(918) 439-6420	918-560-72266	sfreemyer@cimarex.com		
Garza, Gloria	Safety Officer	432-234-3204	432-620-1963	ggarza@cimarex.com		
Johnson, Krista	Public Information Officer	303-285-4964	303-285-4964	kjohnson@cimarex.com		
Kawaoka, Paul	Finance Section Chief		918-295-1827	PKawaoka@cimarex.com		
Leatherwood, Josh	Operations Section Chief	432-741-0179	432-620-1981	jleatherwood@cimarex.com		
Lumpkin, Kyle	Technical Support	281-795-1353	281-880-5000	klumpkin@responsegroupinc.com		
Montoya, Justin (Tell)	Safety Officer	575-749-0009	432-653-3866			
Pollard, David	Protection & Recovery Branch Director	918-384-9077				
Schmalz, Sharon	Wildlife Branch Director	281-731-8826		SharonSchmalz@WildlifeCenterofTexas.org		
Simonton, Steve	Incident Commander	918-633-9927	918-295-1710	ssimonton@cimarex.com		
Sirgo, Blake	Deputy Incident Commander	432-301-2368	432-571-7869	bsirgo@cimarex.com		
Smith, Brady	Logistics Section Chief	505-506-7116	432-571-7711	bmsmith@cimarex.com		
Tannehill, Lance	Technical Support	985-249-9002	281-880-5000	ltannehill@responsegroupinc.com		
Waeger, Sheldon	Deputy Planning Section Chief	918-557-4177	918-560-7157	swaeger@cimarex.com		
Wittenbach, Stuart	Deputy Incident Commander	(918) 404-1084	918-560-7257	swittenbach@cimarex.com		
ICS 205a - Communications List			Prepared By Davis, Tiffani, Updated 08/29/2017 11:07 GMT -6:00 PP			
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ICS 206 - Medical Plan				Version Name: Period 9			
Incident Name: Assault SWD				Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]			
Medical Aid Stations							
Name	Location	Paramedic On Site	Phone	Radio			
Assault Staging Area		☐		Repeater			
Transportation (Ground and/or Air Ambulance Services)							
Ambulance Service	Location	Phone	Radio	Air	ALS		
Carlsbad Air Ambulance	-104.18369 31.95551	Ph1: 1-800-800-0900		☒	☐		
Carlsbad Ambulance		Ph1: 575-885-2111		☐	☐		
Hospitals							
Hospital	Location	Phone	Radio	Air Travel Time	Ground Travel Time	Trauma Center	Burn Center
Carlsbad Hospital		Ph1: 575-887-4100		min	min		☒
Special Medical Emergency Procedures							
Helipads located at Triple Crown Field Office North Pad Southeast Corner of the North Culberson Frac Pond on the north side of the Delaware River UGS 84: N31.9440348°, W104.1827598° UGS 84: N31° 56' 38.525", W104° 10' 57.935" South Pad Directly West of the Triple Crown Office UGS 84: N31.8363284°, W104.2181593° UGS 84: N31° 50' 10.782", W104° 13' 5.374"							
ICS 206 - Medical Plan				Prepared By Davis, Tiffani, Updated 08/29/2017 11:16 GMT -6:00 PF			
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ICS 208 - Site Safety Plan				Version Name: Period 9				
Incident Name: Assault SWD				Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]				
Applies to Site:								
Site Characterization								
Water		Delaware River		Land		Weather Partly Cloudy		
Wave Height				Land Use		Air Temp 86.00 Fahrenheit		
Speed 11.5 CFS				Wind Speed 6.00 mph				
Direction				Direction N				
Site Hazards								
Yes	No	Hazards	Yes	No	Hazards	Yes	No	
☒	☐	Boat Safety	☐	☐	Fire, Explosion, In-situ Burning	☒	☐	
☐	☐	Chemical Hazards	☒	☐	Heat Stress	☒	☐	
☐	☐	Cold Stress	☐	☐	Helicopter Operations	☐	☐	
☐	☐	Confined Spaces	☒	☐	Lifting	☐	☐	
☐	☐	Drum Handling	☒	☐	Motor Vehicles	☒	☐	
☒	☐	Equipment Operations	☐	☐	Noise	☐	☐	
☐	☐	Electrical Operations	☐	☐	Overhead/Buried Utilities	☒	☐	
☒	☐	Fatigue	☒	☐	Plants/Wildlife	☒	☐	
Air Monitoring Limits								
Oxygen Level				Hydrogen Sulfide				
LEL				Benzene				
Engineering Controls								
☒	Source of release secured		☒	Valve(s) closed		☐	Energy sources locked/tagged out	
☐	Site secured		☐	Facility shut down				
Personal Protective Equipment Required								
☐	Impervious suit		☒	Flame resistant clothing		☒	Eye protection	
☐	Inner gloves		☒	Hard hats		☒	Personal flotation	
☒	Outer gloves		☐	Respirators		☒	Boots	
Additional Control Measures Established								
☐	Decontamination		☐	Illumination		☐	Additional stations established	
☐	Sanitation		☐	Medical surveillance		☐	Facilities provided	
Work Plan								
☒	Booming		☐	Excavation		☐	Hot work	
☒	Skimming		☐	Heavy equipment		☐	Appropriate permits used	
☐	Vac trucks		☒	Sorbent pads				
☐	Pumping		☐	Patching				
Training								
☒	Verified site workers trained per local/federal regulatory requirements			Training Requirements				
ICS 208 - Site Safety Plan				Prepared By Davis, Tiffani, Updated 08/29/2017 13:59 GMT -6:00 PP				
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ICS 208 - Site Safety Plan				Version Name: Period 9			
Incident Name: Assault SWD				Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]			
Organization							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Deputy Incident Commander	Wittenbach, Stuart	(918) 404-1084	Operations Section Chief	Leatherwood, Josh	432-741-0179		
Safety Officer	Garza, Gloria	432-234-3204					
Emergency Plan							
☐	Fire Prevention Plan	☐	Evacuation Plan				
☐	Alarm System	☐	First Aid Location				
Notifications							
<i>Facility</i>		<i>Phone</i>	<i>Facility</i>		<i>Phone</i>		
☒	Hospital	Carlsbad Hospital	575-887-4100	☒	Fire	Carlsbad Fire Dept	575-885-3125
☒	Ambulance	Carlsbad Ambulance	575-885-2111	☒	Law Enforcement	Carlsbad Police Dept	575-887-7551
☒	Air Ambulance	Carlsbad Ambulance	1-800-800-0900	☐	Emergency Response/Rescue		
Initial Briefing							
☐	Initial safety briefing prepared for each site						
ICS 208 - Site Safety Plan				Prepared By Davis, Tiffani, Updated 08/29/2017 13:59 GMT -6:00 PP			
INCIDENT ACTION PLAN SOFTWARE™		Printed 08/29/2017 13:59 GMT -6:00		Page 2 of 2		© TRG	

ICS 220 - Air Operations				Version Name: Period 9			
Incident Name: Assault SWD				Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]			
Sunrise		Sunset		Ready Alert Aircraft			
08/09/2017 06:17		08/09/2017 19:48		Medivac			
Remarks (safety notes, hazards, air operations special equipment, etc)				New Incident			
One sUAS will be on stand-by for Period 9 Helo will support on a 1x per week flight unless otherwise needed				Temporary Flight Restriction Number			
Personnel				Altitude			
Position	Name	Phone		Center Point			
Deputy Operations Section Chief	Barton, Kim	432-620-1952		Frequencies			
Operations Section Chief	Leatherwood, Josh	432-620-1981		Frequency / Function	AM	FM	
				118.05			
				118.7			
				121.1			
				121.9			
				124.6			
				126.8			
Helicopters							
FAA N#	Category	Make/Model	Base	Available	Start	Remarks	
	Helo	Lange Helicopters (Tail #N7528R)	Lange Helo Base (San Angelo, TX)		08/09/2017 10:00	Weekly	
	Drone (Quad-copter)	DJI Phantom 4-6	Home Base/Operational Area (s)		08/09/2017 11:00	*On Stand-By	
	Drone (Quad-copter)	DJI Phantom 4-5	Home Base/Operational Area (s)		08/09/2017 11:00	*On Stand-By	
Task / Mission / Assignment							
Function	Name of Personnel or Cargo or Instructions for Tactical Aircraft			Mission Start	Fly To	Fly From	
	Kyle Lange (helo pilot)				Delaware & Pecos Rivers	Well pad east of Staging Area	
118.7	Kyle Lumpkin (sUAS Pilot)				Eddy Division	Incident Location and Operational area(s)	
ICS 220 - Air Operations							
INCIDENT ACTION PLAN SOFTWARE™				Printed 08/29/2017 14:29 GMT -6:00		Page 1 of 1	
				Prepared By Davis, Tiffani, Updated 08/29/2017 14:29 GMT -6:00 PP			
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ICS 230 - Daily Meeting Schedule			Version Name: Overall Meeting Schedule	
Incident Name: Assault SWD			Period: Period 9 [08/29/2017 06:00 - 09/05/2017 06:00]	
Meeting Name & Date/Time	Purpose	Attendees	Location	
CMST Incident Status Update Briefing 09/05/2017 17:00	Provides the On-Scene Commander, Crisis Manager, Crisis Advisor, Chief of Staff and Function Leads with information regarding the incident situation, the resources allotted for the incident and situation needs.			
CMST Incident Status Update Briefing 09/07/2017 17:00	Provides the On-Scene Commander, Crisis Manager, Crisis Advisor, Chief of Staff and Function Leads with information regarding the incident situation, the resources allotted for the incident and situation needs.			
CMST Incident Status Update Briefing 09/11/2017 17:00	Provides the On-Scene Commander, Crisis Manager, Crisis Advisor, Chief of Staff and Function Leads with information regarding the incident situation, the resources allotted for the incident and situation needs.			
ICS 230 - Daily Meeting Schedule			Prepared By IAP Support, Updated 08/29/2017 14:31 GMT -6:00 PP	
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