

INCIDENT ACTION PLAN

Be brief and concise with your entries

Location	Control Level	Operational Period
Bayou Corne Sink Hole	Company Supervisory	8/12/12 From 06:00 To 20:00

1.0 SITUATION Disease, community, environment PROMPTS: Weather, disease trends, Resources, Hazards & safety REFERENCE: Maps, weather reports, Sitreps, appreciation, warnings, alerts	CURRENT Overcast @ 08:00
	PREDICTED Partly Cloudy
2.0 OBJECTIVES (or MISSION) PROMPTS: Time & space REFERENCE: Appreciation – control options, courses open to disease	CURRENT Clean Harbors brought in a vacuum truck, frac tanks and drum skimmers to aid with clean up. Began splitting the hole into sections. Clean Harbors gas monitoring system shows reading over sink hole at 4 ppm of VOC and 0 ppm on location. Clean Harbors will set up a de-con station at the boat launch. Ear marking trees with ribbon and reflector tape so we may monitor any increase activity in hole size. This will be monitored 24 hours. This process is taking the place of night flights. Rig location has been set equipment is on site. We anticipate the location to be ready to accept the rig on Thursday. Finalize sink hole characterization. Finalize order for field equipment. Coordinate involvement of MDH Engineered Solutions to mobilize staff and tilt meter / inclinometer equipment. Discuss option of geoprobe rig mobilization to the site for purposes of gas monitoring for ultimate gas vent well field. Subsidence survey attached See attached memo for additional information.
	ALTERNATE

3.0 EXECUTION add safety information as appropriate**GENERAL OUTLINE**

PROMPTS:
Strategies & tactics
(current/proposed/alternate)

REFERENCE:
Appreciation, Control Options

**Safety Information: See Attached Safe Work Rules
Reference IAP dated 8/9/12**

Inspect location for flammability

Daily Safety Meetings

PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection

GROUPINGS

NA

TASKS

Including PR & Media

Same as above

COORDINATING INSTRUCTIONS

PROMPTS:
Timings, routes, assembly areas, staging areas

Texas Brine Grand Bayou Facility will be used as staging area.

4.0 ADMINISTRATION (Logistics support)

PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)

SUPPLY

WHO, WHAT, WHERE, WHEN
of resources not readily available

NA

GROUND SUPPORT

Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance

NA

COMMUNICATIONS

Installation, maintenance, technical advice

Cell Phone & Landline Communications:

Kenneth Blanchard – Area Manager – 985- [REDACTED] (985- [REDACTED])

kblanchard@texasbrine.com

Scott Borne – Facility Manager – 985- [REDACTED] (985- [REDACTED])

sborne@texasbrine.com

	Joel Miller, PE – Consultant – 337-██████████ (337-██████████) joel.miller@cox-internet.com Bruce Martin – Operations/PR – 713-██████████ (281-██████████) bmartin@texasbrine.com Mark Cartwright – Technical/Engineering – 713-██████████ (281-██████████) mcartwright@unitedbrine.com Scott Whitelaw – Environmental/Safety – 713-██████████ (713-██████████) swhitelaw@tum.com
STAGING AREA/ FCP Setting up, communications, staffing	Texas Brine Grand Bayou Facility 1301 Hwy 70 South, Belle Rose, La 70341
5.0 ADMINISTRATION (Logistics services)	
PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
FACILITIES Security, waste, cleaning	NA
CATERING	NA
OH&S/MEDICAL Medical plan, first aid plan	Call 911
FINANCE	NA
TRAVEL	NA
INDUCTION/ TRAINING	NA
ACCOMMODATION	NA
6.0 CONTROL, COORDINATION & COMMUNICATION	
CONTROL & COORDINATION STRUCTURE	Plant Management Supervision / Contractor Work

REFERENCE Structural Chart	
COORDINATION & LIAISON Local knowledge, police, agency reps, emergency mgt reps	NA
COMMUNICATIONS PROMPTS Communications structure, operational comms plan, information mgt	Plant Management – Contractor Communication via Cell Phone

EXTRAS	
Attachments PROMPTS: maps, weather, organisational charts, resources, comms diagram	Site Map Current Weather Safe Work Rules Safety Training Log
Plan developers PROMPTS PO, Logs Mgr, Controller	NA
Approval Controller, Ops Director	TBC Company Rep: <i>Scott Borne</i> FOSC: SOSC: POSC:

INCIDENT BRIEFING

1. Incident Name

Grand Bayou Come Sink Hole

2. Date

8/12/2012

3. Time

06:00-20:00

4. Map Sketch

5. Current Organization

Command

Mark Cartwright

Safety Officer:

Liaison Officer or Agency Rep.

Information Officer:

Planning/Intelligence

Bruce Martin

Operations

Ken Blanchard

Logistics

Scott Borne

Finance/Aministration

Becky Ladet

Div.

Div. Environmental

Scott Whitelaw

Div. Safety

Scott Whitelaw

Div. Security

Mike Kleinpeter

Air

Air Operations

Air Support

Air Attack

Air Tanker Coord.

Helicopter Coord.

6. Resources Summary

Resources Ordered	Resource Identification	ETA	On Scene	Location/Assignment
Clean Harbor			6:30 am	Clean effected area

7. Summary of Current Actions

Clean Harbor on site as of 6:30 am brought in a vacuum truck, frac tank and drum skimmer to aid in clean up. Monitoring system is reading 4ppm of VOC over the hole 0ppm on location.

Ear marked trees with ribbon and reflector tape so we may monitor any increase activity in hole size.

Rig location has been set and equipment is on site. We anticipate the location to be ready to accept the rig on Thursday.

ORGANIZATION ASSIGNMENT LIST				
1. Incident Name Bayou Corne Sink Hole			16. S 203 Operations Section	
2. Date 8/12/12		3. Time 06:00 - 18:00	Op's Chief	
4. Operational Period Everyday			Deputy	
			a. Branch I	
Position		Name	Branch Director	
			Deputy	
5. Incident Commander and Command Staff			Division/Group	
Incident Commander		Mark Cartwright	Division/Group	
Deputy		Kenneth Blanchard	Division/Group	
Safety Officer		Scott Whitelaw	Division/Group	
Information Officer		Bruce Martin	Division/Group	
Liaison Officer		Scott Borne	Staging Area	
6. Agency Representative				
Agency		Name	b. Branch II	
			Branch Director	
			Deputy	
			Division/Group	
			Division/Group	
			Division/Group	
			Division/Group	
			Division/Group	
			Staging Area	
7. Planning/Intelligence Section				
Plans/Intel Chief			c. Branch III	
Deputy			Branch Director	
Resources Unit			Deputy	
Situation Unit			Division/Group	
Documentation Unit			Division/Group	
Demobilization Unit			Division/Group	
Technical Specialists			Division/Group	
Human Resources			Division/Group	
Training			d. Air Operations Branch	
GIS			Air Operations Branch Director	
			Air Tactical Supervisor	
			Air Support Supervisor	
			Helicopter Coordinator	
			Air Tanker Coordinator	
8. Logistics Section			10. Finance/Administration Section	
Logistics Chief			Finance/Admin. Chief	
Deputy			Deputy	
Supply Unit			Time Unit	
Facilities Unit			Procurement Unit	
Ground Support Unit			Compensation/Claims Unit	
Communications Unit			Cost Unit	
Medical Unit				
Food Unit				

Prepared by (Resource Unit Leader)

TEXAS BRINE
MEA JOB NO. 13512

POINT	DESCRIPTION	ACQUIRED BY	ELEV. 7/28/12	ELEV. 7/29/12	ELEV. 7/30/12	ELEV. 7/31/12	ELEV. 8/1/12	ELEV. 8/2/12	ELEV. 8/4/12	ELEV. 8/5/12	ELEV. 8/6/12	ELEV. 8/7/12	ELEV. 8/8/12	ELEV. 8/10/12
GPS BASE	IRON ROD SET IN EDGE OF LIMESTONE ROAD	OPUS*	5.97	-	-	-	-	-	-	-	-	-	-	-
REFERENCE PT.	3/4" I.P. SET NEAR EDGE OF WELL PAD	LEVEL	5.13	-	0.01	(0.01)	-	-	(0.01)	0.01	0.01	0.01	-	-
WELL 10	TOP OF FLANGE, EAST SIDE, 2.9 +/- ABOVE CONC.	LEVEL	9.38	-	(0.03)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	-	-	(0.02)
WELL 9	TOP OF FLANGE, EAST SIDE, 1.8 +/- ABOVE CONC.	LEVEL	7.11	0.01	(0.01)	(0.03)	(0.02)	(0.01)	(0.03)	(0.01)	(0.01)	-	-	(0.01)
T.B.M. 2	SET 60D NAIL IN POWER POLE	LEVEL	5.79	0.01	(0.01)	(0.02)	(0.02)	(0.02)	(0.03)	(0.01)	(0.01)	-	-	(0.01)
WATER WELL 2	TOP OF BELL HOUSING, SOUTH SIDE, 1.8' ABOVE CONC.	LEVEL	8.67	0.02	(0.01)	(0.02)	(0.02)	-	(0.02)	-	(0.01)	0.01	0.01	(0.01)
WELL 2	TOP OF FLANGE, EAST SIDE, 4.1 +/- ABOVE CONC.	LEVEL	9.67	-	(0.01)	(0.04)	(0.04)	(0.02)	(0.03)	(0.01)	(0.02)	-	(0.01)	(0.02)
WATER WELL 5	90D BEND ON 2" RISER	LEVEL	10.22	(0.01)	(0.02)	(0.04)	(0.04)	(0.06)	(0.04)	(0.02)	(0.03)	(0.03)	(0.03)	(0.05)
WELL 3	SET 60D NAIL IN 14" CYPRESS TREE	LEVEL	8.14	(0.01)	(0.03)	(0.05)	(0.05)	(0.06)	(0.05)	(0.03)	(0.04)	(0.04)	(0.03)	(0.05)
T.B.M. 3A	SET 60D NAIL IN 6" MAPLE TREE	LEVEL	4.92	-	(0.01)	(0.03)	(0.03)	(0.04)	(0.03)	(0.01)	(0.01)	-	(0.01)	(0.03)
T.B.M. 3B	SET 60D NAIL IN CYPRESS TREE	LEVEL	6.15	-	(0.02)	(0.04)	(0.04)	(0.06)	(0.03)	(0.04)	(0.05)	(0.04)	(0.04)	(0.07)
T.B.M. 3C	SET 60D NAIL IN CYPRESS TREE	LEVEL	-	-	(0.02)	4.77	(0.01)	(0.01)	(0.05)	(0.04)	(0.05)	0.04	(0.04)	(0.07)
T.B.M. 1	SE CORNER OF BUILDING	LEVEL	-	-	-	4.42	-	(0.02)	(0.05)	(0.02)	(0.03)	-	(0.01)	(0.03)
WATER WELL 1	TOP OF 1/2" NIPPLE ON 90D BEND	LEVEL	5.38	(0.02)	(0.03)	(0.05)	(0.06)	(0.04)	(0.04)	(0.02)	(0.03)	(0.01)	(0.01)	(0.03)
TANK "E" - A	WEST SIDE OF TANK	LEVEL	8.72	-	(0.01)	(0.04)	(0.04)	(0.03)	(0.03)	(0.01)	(0.01)	-	(0.01)	(0.02)
TANK "E" - B	SOUTH SIDE OF TANK	LEVEL	7.1	(0.01)	(0.03)	(0.05)	(0.05)	(0.04)	(0.03)	(0.02)	(0.02)	-	(0.01)	(0.03)
TANK "E" - C	EAST SIDE OF TANK	LEVEL	7.23	(0.01)	(0.03)	(0.06)	(0.05)	(0.05)	(0.04)	(0.02)	(0.02)	-	(0.02)	(0.03)
TANK "E" - D	NORTH SIDE OF TANK	LEVEL	7.43	(0.01)	(0.01)	(0.04)	(0.05)	(0.05)	(0.03)	0.04	(0.01)	-	(0.01)	(0.04)
TANK "W" - A	WEST SIDE OF TANK	LEVEL	7.33	(0.02)	(0.02)	(0.05)	(0.05)	(0.05)	(0.03)	0.03	(0.02)	(0.01)	(0.02)	(0.05)
TANK "W" - B	SOUTH SIDE OF TANK	LEVEL	6.89	-	-	(0.02)	(0.02)	(0.02)	(0.01)	0.02	-	0.02	-	(0.02)
TANK "W" - C	EAST SIDE OF TANK	LEVEL	6.86	(0.01)	(0.02)	(0.05)	(0.05)	(0.05)	(0.03)	(0.02)	(0.01)	-	(0.02)	(0.04)
TANK "W" - D	NORTH SIDE OF TANK	LEVEL	6.85	(0.02)	(0.03)	(0.06)	(0.06)	(0.05)	(0.03)	(0.02)	(0.02)	-	(0.02)	(0.04)
WELL 1	TOP OF FLANGE, SOUTH SIDE, 3.2 +/- ABOVE CONC.	LEVEL	6.92	(0.02)	(0.02)	(0.04)	(0.05)	(0.05)	(0.04)	(0.01)	(0.01)	(0.01)	(0.01)	(0.05)
OXY #4 MON.	STAINLESS ROD UNDER ALUMINUM CAP	GPS RTK	9.62	(0.01)	(0.01)	1.57	(0.02)	(0.02)	(0.06)	-	(0.09)	(0.11)	(0.01)	(0.03)
OXY #5 MON.	STAINLESS ROD UNDER ALUMINUM CAP	GPS RTK	-	1.79	(0.04)	(0.06)	(0.07)	(0.02)	0.04	(0.05)	(0.09)	(0.19)	(0.02)	(0.07)
T.B.M. 4	SET 1 1/2" I.P. NEAR PIPELINE R/W	GPS RTK	-	-	-	4.31	0.03	-	0.04	-	0.09	0.04	-	0.09
T.B.M. 5	SET 1 1/2" I.P. NEAR PIPELINE R/W	GPS RTK	-	-	-	3.53	(0.10)	(0.04)	0.01	(0.05)	(0.05)	(0.01)	(0.08)	(0.07)
T.B.M. 6	SET 1 1/2" I.P. NEAR PIPELINE R/W	GPS RTK	-	-	-	2.87	0.03	0.01	0.02	(0.02)	(0.02)	0.01	0.01	(0.11)
OXY GPS 4	STAINLESS ROD UNDER ALUMINUM CAP	LEVEL	-	-	-	-	-	1.88	(0.01)	0.01	-	0.01	0.01	0.01

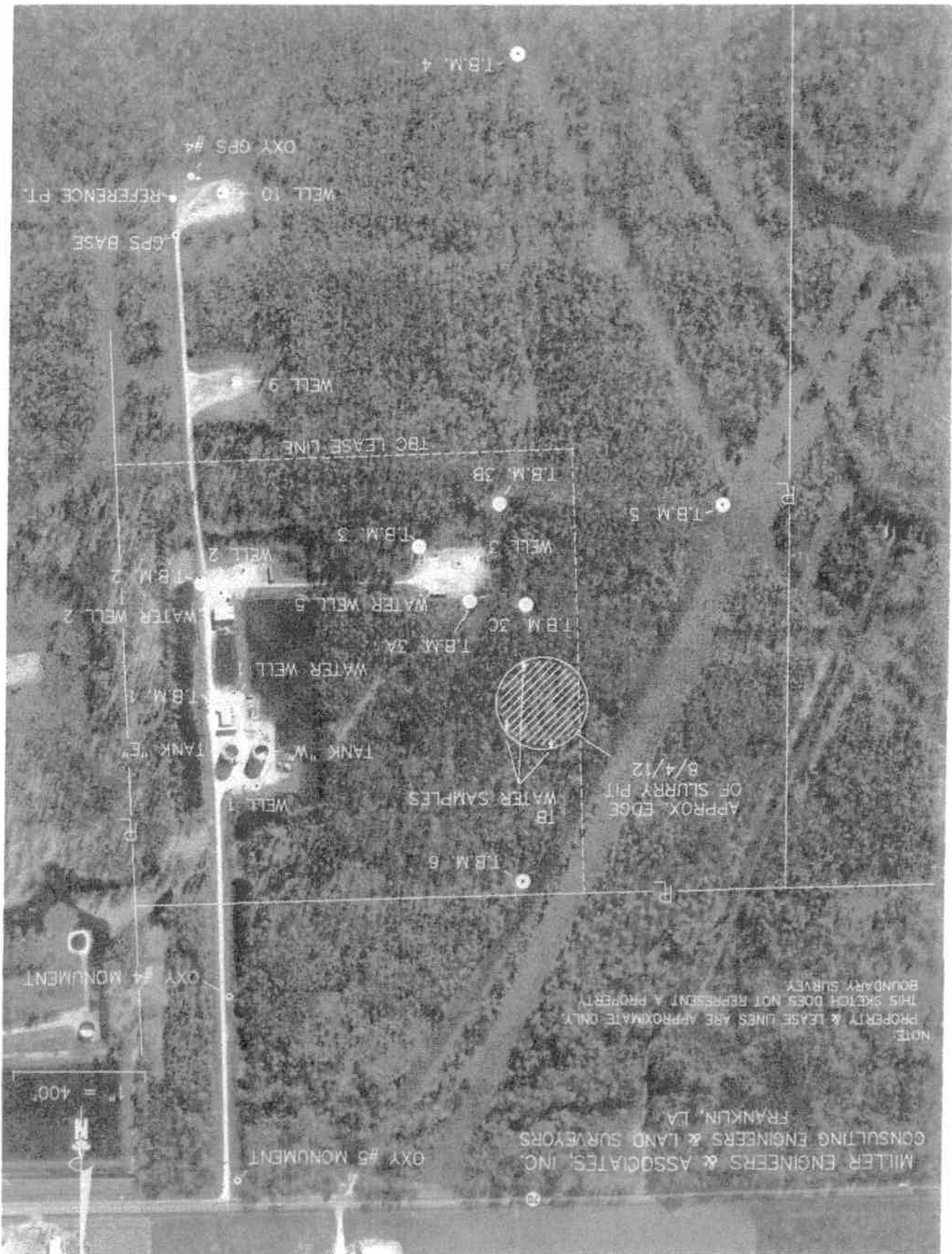
NOTE:
DATUM = NAVD88 (GEOID09) IN US SURVEY FEET.
ALL DELTAS ARE FROM 7/28/2012 TO DATE OF OBSERVATION.
* OPUS DATA IS PRELIMINARY AND WILL BE REVISED ONCE PRECISE SOLUTIONS ARE AVAILABLE.
AUTOMATIC LEVEL ACCURACY = +/- .005'.
GPS RTK VERTICAL ACCURACY = +/- 2 CENTIMETERS ~ +/-0.07'.

	ELEVATION		ELEVATION		ELEVATION		ELEVATION		ELEVATION		ELEVATION		ELEVATION		ELEVATION		ELEVATION		ELEVATION		
	7/28/12	7/29/12	DELTA	####	ELEVATION	DELTA	####	ELEVATION	DELTA	####	ELEVATION	DELTA	####	ELEVATION	DELTA	####	ELEVATION	DELTA	####	ELEVATION	DELTA
GPS BASE	5.97				5.97	-	5.97	-	5.97	-	6		5.97	-			5.97	-			5.97
REFERENCE PT.	5.13	5.13	5.13	5.12	(0.01)	5.13	-	5.13	-	5.1	###	5.13	-	5.13	-	0.01	5.13	-		5.13	-
WELL 10	9.38	9.38	9.39	9.38		9.38	-	9.38		9.4		9.39	0.01	9.39	0.01	9.38	-		9.38	-	
WELL 9	7.11	7.12	0.01	7.1	(0.01)	7.08	(0.03)	7.09	(0.02)	7.1	###	7.1	###	7.1	(0.01)	7.09	(0.02)		7.09	(0.02)	
T.B.M. 2	5.79	5.8	0.01	5.78	(0.01)	5.76	(0.03)	5.76	(0.03)	5.77	###	5.8	###	5.78	(0.01)	5.78	(0.01)		5.78	(0.01)	
WATER WELL 2	8.67	8.69	0.02	8.66	(0.01)	8.65	(0.02)	8.65	(0.02)	8.67	-	8.7	###	8.67	-	8.68	(0.01)	0.01	8.66	(0.01)	
WELL 2	9.67	9.67		9.66	(0.01)	9.63	(0.04)	9.63	(0.04)	9.65	###	9.6	###	9.66	(0.01)	9.67	-		9.65	(0.02)	
WATER WELLS 5	10.22	10.21	###	10.2	(0.02)	10.18	(0.04)	10.2	(0.04)	10.2	###	10	###	10.2	(0.02)	10.19	(0.03)		9.65	(0.04)	
WELL 3	8.14	8.13	###	8.11	(0.03)	8.09	(0.05)	8.09	(0.05)	8.08	###	8.1	###	8.11	(0.03)	8.1	(0.04)		8.1	(0.05)	
T.B.M. 3	4.92			4.91	(0.01)	4.89	(0.03)	4.89	(0.03)	4.88	###	4.9	###	4.91	(0.01)	4.92	-		4.91	(0.03)	
T.B.M. 3A	6.15	6.15	6.13	(0.02)	6.11	(0.04)	6.1	(0.05)	6.09	###	6.1	###		6.11	(0.04)	6.1	(0.05)		6.11	(0.07)	
T.B.M. 3B					4.77	4.76	(0.01)	4.76	###					4.77		4.81	0.04				
T.B.M. 3C					4.42	4.42	-	4.4	###					4.39	(0.03)	4.42	-		5.37	(0.03)	
T.B.M. 1	5.38	5.36	###	5.35	(0.03)	5.33	(0.05)	5.32	(0.06)	5.34	###	5.3	###	5.36	(0.02)	5.35	(0.03)		5.37	(0.01)	
WATER WELL 1	8.72	8.72		8.71	(0.01)	8.68	(0.04)	8.68	(0.04)	8.69	###	8.7	###	8.71	(0.01)	8.71	(0.01)		8.71	(0.02)	
TANK "E"-A	7.1	7.09	###	7.07	(0.03)	7.05	(0.05)	7.05	(0.05)	7.06	###	7.1	###	7.08	(0.02)	7.1	(0.02)		7.09	(0.03)	
TANK "E"-B	7.23	7.22	###	7.2	(0.03)	7.17	(0.06)	7.18	(0.05)	7.18	###	7.2	###	7.21	(0.02)	7.21	(0.02)		7.2	(0.03)	
TANK "E"-C	7.43	7.42	###	7.42	(0.01)	7.39	(0.04)	7.38	(0.05)	7.38	###	7.4	###	7.47	0.04	7.42	(0.01)		7.42	(0.04)	
TANK "E"-D	7.33	7.31	###	7.31	(0.02)	7.28	(0.05)	7.28	(0.05)	7.28	###	7.3	###	7.36	0.03	7.31	(0.02)		7.32	(0.05)	
TANK "W"-A	6.89	6.9	0.01	6.89		6.87	(0.02)	6.87	(0.02)	6.87	###	6.9	###	6.91	0.02	6.89	-		6.91	(0.02)	
TANK "W"-B																					
TANK "W"-C	6.86	6.85	###	6.84	(0.02)	6.81	(0.05)	6.81	(0.05)	6.83	###	6.8	###	6.84	(0.02)	6.85	(0.01)		6.84	(0.04)	
TANK "W"-D	6.85	6.83	###	6.82	(0.03)	6.79	(0.06)	6.8	(0.05)	6.8	###	6.8	###	6.83	(0.02)	6.83	(0.02)		6.83	(0.04)	
WELL 1	6.92	6.9	###	6.9	(0.02)	6.88	(0.04)	6.87	(0.05)	6.87	###	6.9	###	6.91	(0.01)	6.9	(0.02)		6.87	(0.05)	
WELL 1	9.62	9.61	###	9.61	(0.01)	9.59	(0.03)	9.58	(0.04)	9.59	###	9.6	###	9.61	(0.01)	9.61	(0.01)		9.61	(0.03)	
OXY #4 MON.																					
OXY #5 MON.		1.79		1.75	(0.04)	1.73	(0.06)	1.72	(0.07)	1.77	###	1.8	-	1.74	(0.05)	1.7	(0.09)		1.69	(0.10)	
T.B.M. 4								4.31	4.34	0.03	4.31	-	4.4	0		4.4	0.09		4.4	0.09	
T.B.M. 5								3.53	3.43	(0.10)	3.49	###	3.5	0		3.48	(0.05)		3.46	(0.07)	
T.B.M. 6								2.87	2.9	0.03	2.88	0.01	2.9	##		2.85	(0.02)		2.76	(0.11)	
OXY GPS 4								1.88			1.9	###	1.89	0.01	1.88	-	1.89	0.01	1.89	0.01	

POINT	NORTHING	EASTING
GPS BASE	548102.54	3342328.31
REFERENCE PT.		
WELL 10	547975.94	3342190.67
WELL 9	548555.34	3342151.99
T.B.M.2	549154.54	3342242.42
WATER WELL 2	549203.41	3342177.03
WELL 2	549133.19	3342109.45
WATER WELL 5	549196.90	3341550.59
WELL 3	549112.86	3341453.33
T.B.M. 3		
T.B.M. 3A		
T.B.M. 3B		
T.B.M. 3C		
T.B.M. 1		
WATER WELL 1	549511.30	3342133.60
TANK "E" - A		
TANK "E" - B		
TANK "E" - C		
TANK "E" - D		
TANK "W" - A		
TANK "W" - B		
TANK "W" - C		
TANK "W" - D		
WELL 1	549796.90	3342061.73
OXY #4 MON.	550443.24	3342138.56
OXY #5 MON.	551003.60	3342110.73
T.B.M. 4	547548.82	3341285.09
T.B.M. 5	548932.04	3340643.24
T.B.M. 6	550091.68	3341247.31
OXY GPS 4	547921.40	3342282.44
TBNW - SAMPLE	549666	3341165
TBNE - SAMPLE	549612	3341301
TBSE - SAMPLE	549427	3341252

RAPID SOLUTIONS
DO NOT USE - PRELIMINARY

Apr-10	19-Jul-12	20-Jul-12	28-Jul-12	29-Jul-12	30-Jul-12	31-Jul-12	1-Aug-12	2-Aug-12	3-Aug-12	4-Aug-12	5-Aug-12
5.97	5.76	5.7	5.77	5.65	5.58	5.6	5.61	5.72		5.56	5.57



73°F Napoleonville, Louisiana ▾

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Napoleonville, Louisiana

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Current Conditions - °F | °C

As of 6:50 AM on Sunday 12 Aug 2012 (Local Time) from KHUM Reporting Station

Haze		73°F Feels Like: 73°	Today's Forecast		Local Information	
Wind Chill: 73° Heat Index: 73° Dew Point: 73° Humidity: 100% Pressure: 29.99"		Ceiling: Unl Visibility: 5mi Wind: 0mph Direction: NA NA Gusts: NA	8 AM P Cloudy 79°	No Weather Alerts for this location		
		9 AM P Cloudy 83°				
		10 AM P Cloudy 86°				
Report Text: KHUM 121150Z 00000KT 5SM BR SCT010 SCT045 23/23 A2999						
View Detailed Observations for the last 48 Hours · 14 Days			View Complete Hourly Forecast »		Radar · Satellite · Surface Analysis	

Tropical Storm Tracking

Tropical Storm Hector
PACIFIC TRACK

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10 Day Forecast - °F | °C

[View the Detailed Extended Forecast »](#)

sun		mon		tue		wed		thu		fri		sat		sun		mon		tue	
aug	12	aug	13	aug	14	aug	15	aug	16	aug	17	aug	18	aug	19	aug	20	aug	21
																			
Iso T-Storms		M Sunny		P Cloudy		Iso T-Storms		P Cloudy		Iso T-Storms		Sct T-Storms		Sct T-Storms		Sct T-Storms		Iso T-Storms	
92°	75°	91°	76°	90°	76°	90°	76°	91°	76°	92°	76°	87°	74°	87°	73°	86°	72°	89°	73°

Details for Sunday, August 12

A mix of clouds and sun with a slight chance of thunderstorms this afternoon. High 92F. Winds light and variable. Chance of rain

30%.

Evening: A stray thunderstorm is possible through the evening. Some clouds this evening will give way to mainly clear skies overnight. Low around 75F. Winds light and variable.

UV Index: 10 (Very High)

Relative Humidity: 64%

Precipitation: 30%

Snow: 0%

Cloud Coverage: 50%

Sunrise: 6:30 AM

Sunset: 7:48 PM

Moonrise: 1:52 AM

Moonset: 4:04 PM



Moonphase:

Waning Crescent

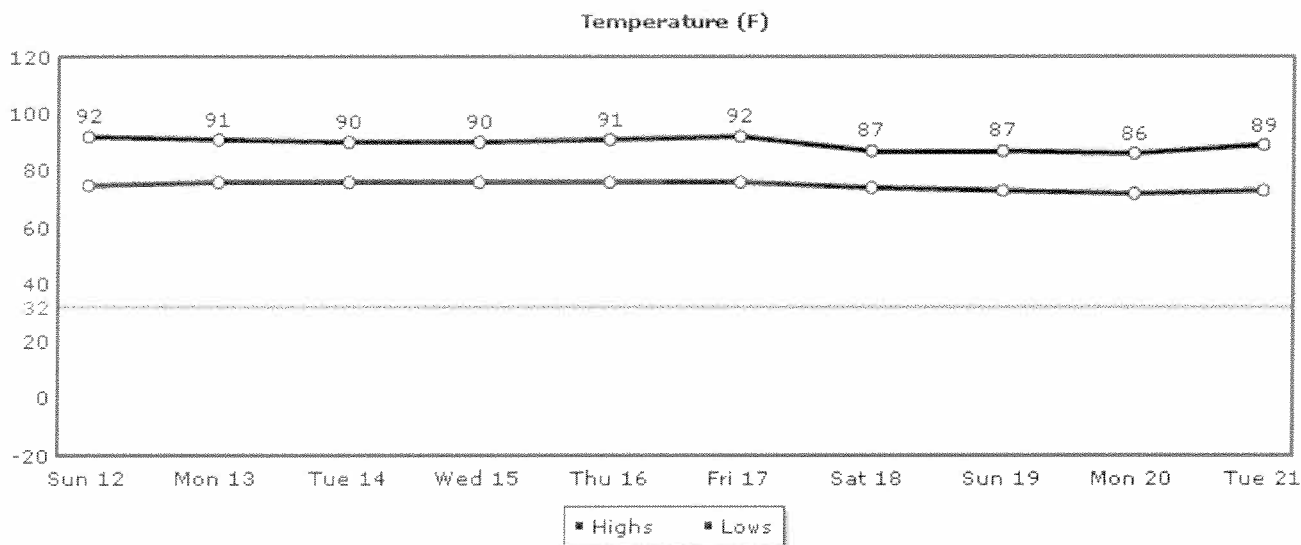


Direction: SE (134°)

Speed: 4Mph(6Km, 3Kts)

Daily Forecast Chart

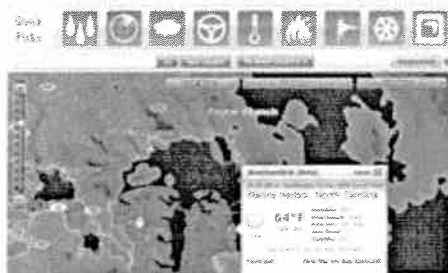
Chart Options: Temperature ▾



Temperature UV Index Relative Humidity Precipitation Snow Clouds Wind

Daily Forecast Hourly Forecast Past Observations Historic Averages

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Chemistry
Council 

SAFETY LOG SIGN-IN SHEET

COMPANY: Texas Brine / Clear Harbor
 LOCATION: Grand Bayou
 DATE: 8/12/12
 HOURS: _____
 TOPICS/PURPOSE: Clearing Sink Hole
 CONDUCTED BY: Scott Borne

PERSONS ATTENDING:

PRINT NAME

& SIGNATURE

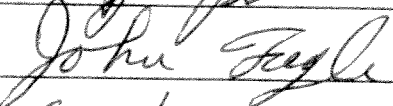
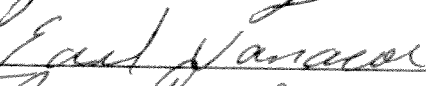
<u>Geoff Stilly</u>	<u>[Signature]</u>
<u>Brandon Herbert</u>	<u>[Signature]</u>
<u>Carlton Craft</u>	<u>Carlton Craft</u>
<u>Terence Hall Jr</u>	<u>Terence Hall Jr.</u>
<u>Dante Holmes</u>	<u>Dante Holmes</u>
<u>Carl Burson Jr</u>	<u>Carl Burson Jr</u>
<u>Russell Bradford</u>	<u>Russell Bradford</u>
<u>Kevin Miller</u>	<u>[Signature]</u>
<u>Gilbert Vargas</u>	<u>[Signature]</u>
<u>Brandon Espre</u>	<u>Brandon Espre</u>
<u>(Air Boat) Jonathan J. Arcement</u>	<u>Jon J. Arcement</u>
<u>RICKIE GARRITT</u>	<u>[Signature]</u>
<u>James Haack</u>	<u>[Signature]</u>

PERSONS ATTENDING:

SAFETY LOG SIGN-IN SHEET

PRINT NAME

& SIGNATURE

Jules Johnson	
Jordain Brasscamp	
Jason Poirier	
JOHN TREGLE	
EARL VANACOR	
Eddie Bailey	
Mark Landos	
Mike Aucou	
Chris T Clements	