

# INCIDENT ACTION PLAN

Be brief and concise with your entries

<b>Location</b> <b>Bayou Corne</b> <b>Sink Hole</b>	<b>Control Level</b> <b>Company Supervisory</b>	<b>Operational Period</b> <b>From 10/1/12</b> <b>To 10/2/12</b>
---	--	--

<p><b>1.0 SITUATION</b> Disease, community, environment</p> <p>PROMPTS: Weather, disease trends, Resources, Hazards &amp; safety</p> <p>REFERENCE: Maps, weather reports, Sitreps, appreciation, warnings, alerts</p>	<p><b>CURRENT</b> Rain</p> <hr/> <p><b>PREDICT</b> Rain</p>
<p><b>2.0 OBJECTIVES (or MISSION)</b></p> <p>PROMPTS: Time &amp; space</p> <p>REFERENCE: Appreciation – control options, courses open to disease</p>	<p><b>CURRENT</b></p> <p><b>Objective 1 - Gas Monitoring:</b></p> <p>6 Gas Monitors have been set up in the field and are obtaining data on a continuous basis. (See Attached Map for Locations)</p> <p>The monitors are running on batteries which must be changed out every morning. Three monitors are located in the swamp and are required to be reached via airboats launched from TBC facilities.</p> <p>The continuous monitoring data is collected at an office trailer located at Texas Brine Grand Bayou Facility. Monitoring the information on a 24 hours basis. Monitoring is being recorded for LEL, VOC, H2S and O2.</p> <p><b>Objective 2 - Elevation survey taking place once a week.</b></p> <p><b>Objective 3- Sink hole observation. See attached Map.</b> Remediation plan has begun 10/1/12 @ 7:00 am See Attached Plan.</p> <hr/> <p><b>ALTERNATE</b></p>
<p><b>3.0 EXECUTION</b>    add safety information as appropriate</p>	
<p><b>GENERAL OUTLINE</b></p> <p>PROMPTS: Strategies &amp; tactics (current/proposed/alternate)</p> <p>REFERENCE: Appreciation, Control Options</p>	<p><b>Safety Information: See Attached Safe Work Rules</b> <b>Reference IAP dated 8/9/12</b></p> <p><b>Additional to our Safe Work Rules for this project we are adding the awareness of insects, reptiles and animals.</b></p> <p><b>Inspect location for flammability</b></p> <p><b>Daily Safety Meetings</b></p> <p><b>PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection.</b></p>

<b>GROUPINGS</b>	<b>NA</b>
<b>TASKS</b> Including PR & Media	<b>Same as above</b>
<b>COORDINATING INSTRUCTIONS</b>  PROMPTS: Timings, routes, assembly areas, staging areas	<b>Texas Brine Grand Bayou Facility will be used as staging area.</b>
<b>4.0 ADMINISTRATION</b> (Logistics support)	
PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
<b>SUPPLY</b> WHO, WHAT, WHERE, WHEN of resources not readily available	<b>NA</b>
<b>GROUND SUPPORT</b> Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance	<b>NA</b>
<b>COMMUNICATIONS</b> Installation, maintenance, technical advice	<b>Cell Phone &amp; Landline Communications:</b> <b>Kenneth Blanchard – Area Manager – 985-██████████ (985-██████████)</b> <b>kblanchard@texasbrine.com</b> <b>Scott Borne – Facility Manager – 985-██████████ (985-██████████)</b> <b>sborne@texasbrine.com</b> <b>Joel Miller, PE – Consultant – 337-██████████ (337-██████████) joel.miller@cox-internet.com</b> <b>Bruce Martin – Operations/PR – 713-██████████ (281-██████████)</b> <b>bmartin@texasbrine.com</b> <b>Mark Cartwright – Technical/Engineering – 713-██████████ (281-██████████)</b> <b>mcartwright@unitedbrine.com</b> <b>Scott Whitelaw – Environmental/Safety – 713-██████████ (713-██████████)</b> <b>swhitelaw@tum.com</b>
<b>STAGING AREA/</b>	<b>Texas Brine Grand Bayou Facility</b>



<p><b>COMMUNICATIONS</b></p> <p>PROMPTS          Communications structure,          operational comms plan,          information mgt</p>	<p><b>Plant Management – Contractor Communication via Cell Phone</b></p>
--	--

<p style="text-align: center;"><b>EXTRAS</b></p>	
<p><b>Attachments</b></p> <p>PROMPTS::          maps, weather, organisational          charts, resources, comms          diagram</p>	<p><b>Site Map</b>  <b>Current Weather</b>  <b>Safe Work Rules</b></p>
<p><b>Plan developers</b></p> <p>PROMPTS          PO, Logs Mgr, Controller</p>	<p><b>NA</b></p>
<p><b>Approval</b></p> <p>Controller, Ops Director</p>	<p><b>TBC Company Rep:</b> <i>Scott Corne</i>  <b>FOSC:</b>  <b>SOSC:</b>  <b>POSC:</b></p>

MIDLER ENGINEERS & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
FRANKLIN, LA.

OXY #5 MONUMENT

1" = 400'

NOTE:

PROPERTY & LEASE LINES ARE APPROXIMATE ONLY.  
THIS SKETCH DOES NOT REPRESENT A PROPERTY  
BOUNDARY SURVEY.

OXY #4 MONUMENT

APPROX. EDGE  
OF SLURRY PIT  
8/4/12



T.B.M. 6

TB  
WATER SAMPLES

WELL 1

TANK "W"

TANK "E"

WATER WELL

T.B.M. 1

T.B.M. 3A

T.B.M. 3C

WATER WELL 5

WATER WELL 2

WELL 3

T.B.M. 3

WELL 2

BM. 2

T.B.M. 5

T.B.M. 3B

TBC LEASE LINE

WELL 9

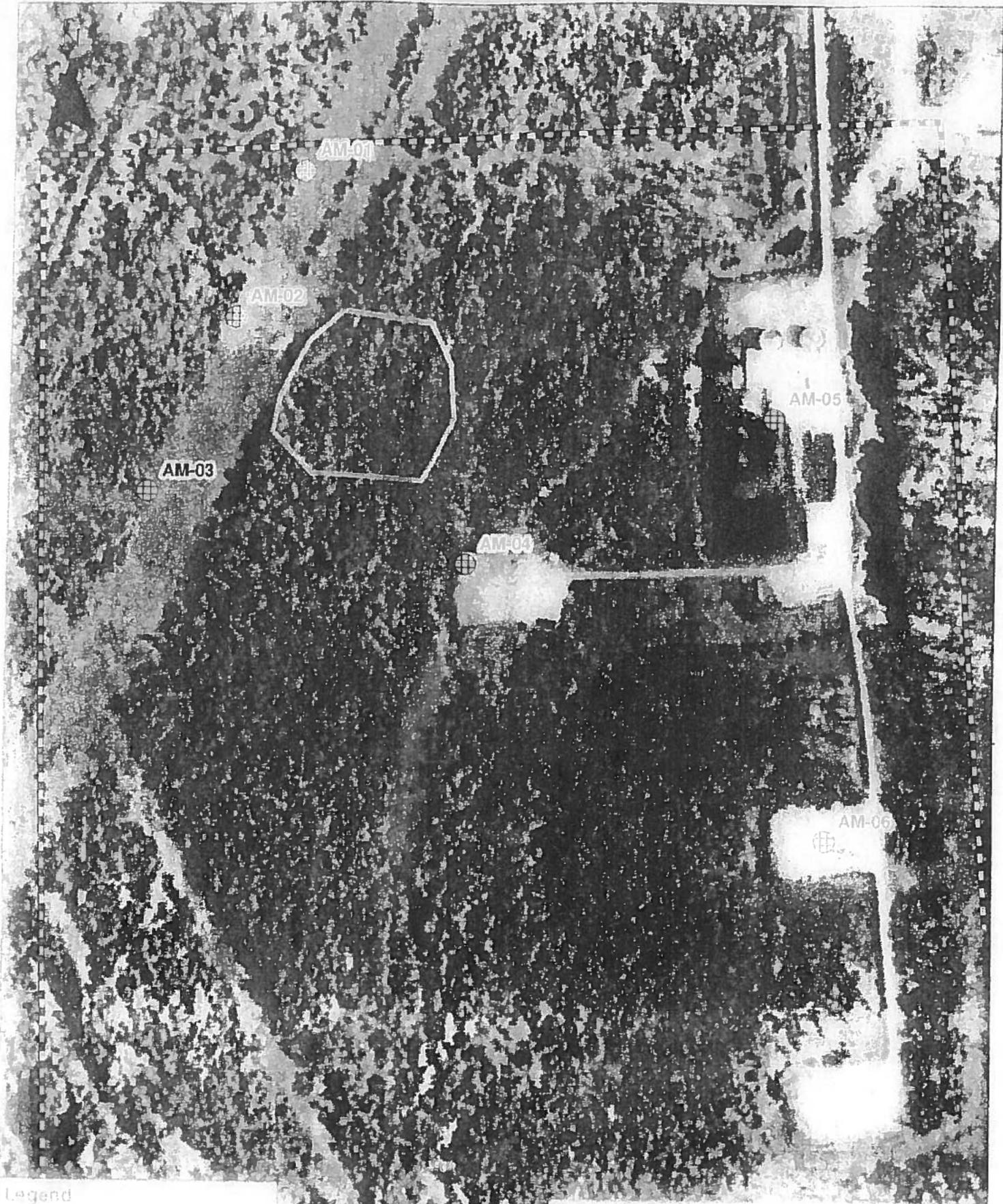
GPS BASE

WELL 10

REFERENCE PT

OXY GPS #4

T.B.M. 4



Legend

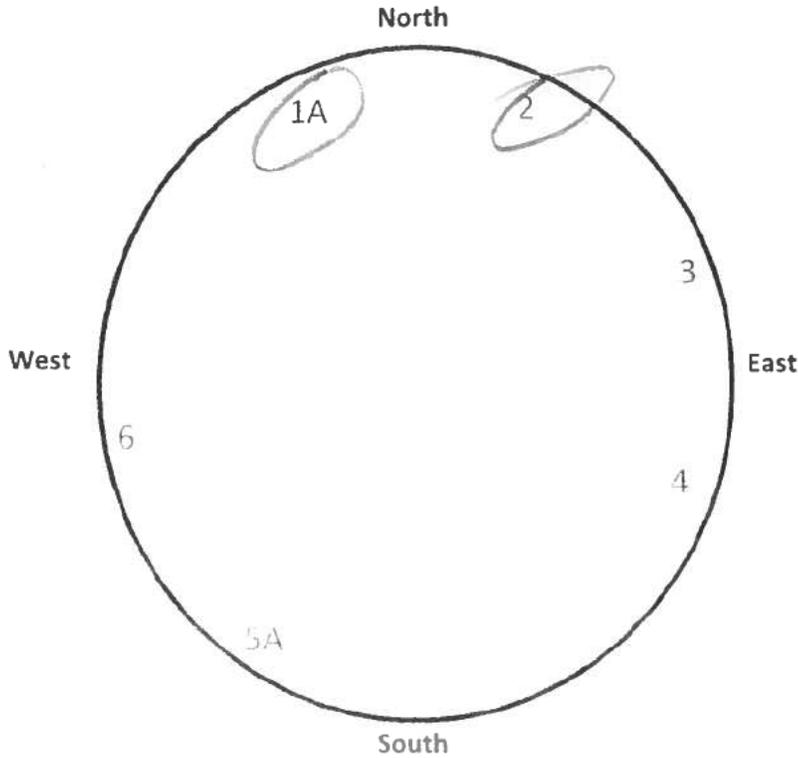
- AM-01
- AM-02
- AM-03
- AM-04
- AM-05
- AM-06

Texas Range Air Monitoring Locations  
3/17/2012 - current

# Bayou Corne Sinkhole

Date and Time: 9-30-12

	Time 7:00 p.m.	Time 10:00 p.m.	Time 1:00 a.m.	Time 4:00 a.m.
Tree 1	Good			
Tree 2	Good			
Tree 3	X			
Tree 4	X			
Tree 5	X			
Tree 6	X			



NOTE: Coordinates for each tree are forth coming.

By: *[Signature]*

# TEXAS BRINE COMPANY, LLC AND AFFILIATED COMPANIES

Safe Work Practices

UNDERGROUND  
STORAGE, LLC



**UNITEDBRINE**  
DEPARTMENT OF ENERGY

**UNITEDBRINE**

TEXAS BRINE COMPANY, LLC

INDUSTRIAL SERVICES  
SERVICES, LLC



Be a Responsible Brine User

American  
Administration  
Council

## Site Specific Safety Plan for Remediation of the Bayou Corne Sink Hole

The following plan is a site specific plan for the remediation of the Bayou Corne sink hole which will be achieved in two Phases. Phase one will include the construction of an access road to the sink hole which will allow the use of a long reach excavator. The excavator will be used to remove vegetation near the access road and place into roll off boxes. Phase two will consist of placing one or more airboats with attached rakes that will be used to push vegetation towards the access road where it will be removed and placed in roll off boxes. By removing the vegetation this allow us the use of skimmers and absorbent booms to aid in hydrocarbon removal.

### Site Setting

The Texas Brine facility is located at 1301 Hwy 70, Belle Rose, LA 70341. The facility is located South of 70. The site is located on raised pads and roads but the property is otherwise swamp. A site map is attached. The nearest hospital Our Lady of the Lake is located in Napoleonville, LA. which is a 15 minute trip.

### Site Specific Hazards

The site is located in a swamp setting and potential dangers may be present. Personnel should be aware of  
Alligators  
Wasps  
Snakes  
Spiders

### Emergency Contact

911 will used in any emergency.  
Cell phones on site

### Site Safety

#### Safety Meeting

Held at the beginning of each shift.

#### PPE Requirements

Hard hat  
Safety Glasses  
Steel toe boots

#### Air Monitoring

A system of air monitoring devices have been placed across the property surrounding the sink hole. One air monitoring device is located next to the access road.

Airboats will have hand held monitors on there person at all times when on the sink hole

#### Spotters and Warnings

A person or persons armed with an air horn will be placed on site looking for safety issues such as

Leaning trees  
Falling trees  
Ground Movement

Driver of the truck attached to the roll off box will remain in the truck at all times and will be ready to vacate the access road on signal.

#### Heavy Equipment

Long reach excavator

#### Environmental

Vegetation will be placed in lined roll off boxes and disposed of.  
Airboats will remain inside the containment boom once entered  
Decon of airboats will take place on location pad next to access road.

# SAFETY LOG SIGN-IN SHEET

COMPANY: Texas Brine

LOCATION: Grand Bayou

DATE: 10/1/12

HOURS: \_\_\_\_\_

TOPICS/PURPOSE: \_\_\_\_\_

CONDUCTED BY: Scott Borne

## PERSONS ATTENDING:

PRINT NAME	& SIGNATURE
<u>CHASE LEBLANC</u>	<u>Ch. LeBlanc</u>
<u>Michael Stewart</u>	<u>Michael Stewart</u>
<u>Jonathan J. Arceman</u>	<u>Jonathan J. Arceman</u>
<u>Dino Gradit</u>	<u>Dino Gradit</u>
<u>Clint Theriot</u>	<u>Clint Theriot</u>
<u>Scott Courtney</u>	<u>Scott Courtney</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

## PERSONS ATTENDING:

61°F Belle Rose, Louisiana

Enter City, State, Country or U.S. Zip code or Airport Id

Local Weather

Like 36k

National News

Local National Global Storms Health Travel Community Forecast Current Radar Satellite wxMap iNav Sign-In Help Hurricanes Alerts

Weather Report

Home » Local » Weather Report

Belle Rose, Louisiana

Weather Report | Interactive Weather Map | Extended Forecast | Hourly Forecast | Past Observations | Historic Averages | Related

**Current Conditions - °F | °C** As of 8:24 AM on Monday 01 Oct 2012 (Local Time) from KBTR Reporting Station

Haze **61°F**  
Feels Like: 61°

Today's Forecast		Local Information
9 AM	Cloudy 63°	<b>No Weather Alerts for this location</b>
10 AM	Cloudy 66°	
11 AM	Cloudy 68°	

**Wind Chill:** 61° **Ceiling:** 800  
**Heat Index:** 61° **Visibility:** 5mi  
**Dew Point:** 59° **Wind:** 10mph  
**Humidity:** 94% **Direction:** 280° (W)  
**Pressure:** 29.66" **Gusts:** NA

Report Text: KBTR 011324Z 28009KT 5SM BR OVC008 16/15 A2966 RMK AO2 5

View Detailed Observations for the last 48 Hours · 14 Days

View Complete Hourly Forecast · Radar · Satellite · Surface Analysis

**Tropical Storm Tracking**

**Hurricane Nadine**  
ATLANTIC TRACK

**Maps:**  
 » Current Track  
 » Visible Satellite  
 » Infrared Satellite

**Bulletins:**  
 » Advisory  
 » Storm Log

**Additional Resources:**  
 » Watches & Warnings  
 » Severe Outlook Today  
 » Severe Outlook Tomorrow  
 » Lightning Strikes  
 » Hurricane Season Summaries

**New Forecast Map Updates**  
Plan your seasonal activities better

Click here to learn more...

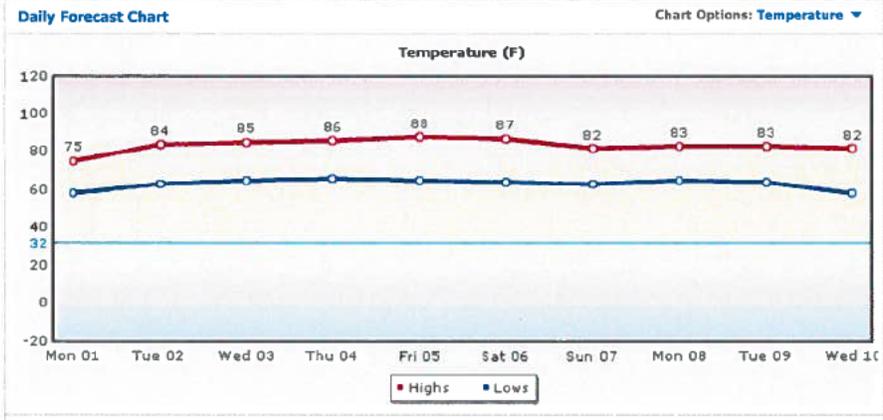
**10 Day Forecast - °F | °C** View the Detailed Extended Forecast

mon	tue	wed	thu	fri	sat	sun	mon	tue	wed
oct 01	oct 02	oct 03	oct 04	oct 05	oct 06	oct 07	oct 08	oct 09	oct 10
AM Clouds	M Sunny	Sunny	P Cloudy	P Cloudy	M Sunny	M Sunny	Sunny	P Cloudy	Sct T-Storms
75°	58° 84°	63° 85°	65° 86°	66° 88°	65° 87°	64° 82°	63° 83°	65° 83°	64° 82°

**Details for Monday, October 01**  
 Cloudy skies early, followed by partial clearing. High near 75F. Winds WNW at 10 to 20 mph.  
**Evening:** Partly cloudy skies. Low 58F. Winds WNW at 5 to 10 mph.

UV Index: 7 (High)    Relative Humidity: 73%    Precipitation: 20%    Snow: 0%    Cloud Coverage: 72%

**Sunrise:** 6:58 AM    **Moonrise:** 7:38 PM    **Moonphase:** Waning Gibbous    **Direction:** WNW (294°)  
**Sunset:** 6:49 PM    **Moonset:** 8:18 AM    **Speed:** 14Mph(22Km, 12Kts)



[Temperature](#) [UV Index](#) [Relative Humidity](#) [Precipitation](#) [Snow](#) [Clouds](#) [Wind](#)

[Daily Forecast](#) [Hourly Forecast](#) [Past Observations](#) [Historic Averages](#)

More from Intellicast



Check Out Our Interactive Weather Map

Articles

- Local Weather Maps
- US Weather Maps
- US Current Weather
- Global Weather Maps
- Weather Analysis Charts
- Active Storm Track
- Weather Tools

Weather Center



Weather Alerts

Current National Weather Service Watches and Warnings by type and state throughout the United States.



Ski & Snow

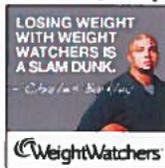
The Ski & Snow Section is where you can get the latest ski resort conditions and snow forecasts.

**OSHA/OH&S Safety Manuals**

OSHA OH&S & State Compliant. Now Offering Free Consultations!

[www.safety-services-company.com](http://www.safety-services-company.com)

AdChoices



**Houston Woman is 53 But Looks 27**

Houston 53/YO Mom reveals simple Wrinkle trick that has angered doctors



**E-Cigarette EXPOSED**

Houston: Is it safer? Do not try until you read this shocking report!



**Power Companies Fear This**

47 y/o Man Discovers Weird Trick To Cut Power Bill By 75%. Watch Video

Search the Web:

Search

Powered by Google

[Local](#) | [National](#) | [Global](#) | [Storms](#) | [Health](#) | [Travel](#) | [Community](#)

[About Us](#) | [Weather on your Site](#) | [Advertise with Us](#) | [Contact Us](#) | [Members](#) | [Help](#) | [Site Map](#) | [News](#)

Professional Weather Solutions: [Aviation](#) | [Energy](#) | [Media](#)

Intellicast.com: The Authority in Expert Weather  
Your use of this site constitutes your acceptance of the [Terms of Use](#) and [Privacy Policy](#)  
2012 WSI Corporation - v4.5.001:ICAST-WEB4