



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 01.JPG

Photo Type:

Direction: W

Date/Time: Aug 22 2011 12:38PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Along Red River near Terral TX



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 02.JPG

Photo Type:

Direction: NE

Date/Time: Aug 22 2011 12:45PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Along Red River with home in horizon near Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 03.JPG

Photo Type:

Direction: SW

Date/Time: Aug 22 2011 12:48PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: At Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 04.JPG

Photo Type:

Direction: W

Date/Time: Aug 22 2011 12:49PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: At Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 05.JPG

Photo Type:

Direction: NE

Date/Time: Aug 22 2011 12:50PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Surface of water at Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 06.JPG

Photo Type:

Direction: W

Date/Time: Aug 22 2011 1:47PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: At Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 07.JPG

Photo Type:

Direction: NW

Date/Time: Aug 22 2011 1:48PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: At Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 08.JPG

Photo Type:

Direction: E

Date/Time: Aug 22 2011 3:11PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Along Red River on way to sample location RR04



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 09.JPG

Photo Type:

Direction: N

Date/Time: Aug 22 2011 3:25PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Along Red River Showing how shallow water is on the River



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 10.JPG

Photo Type:

Direction: E

Date/Time: Aug 22 2011 3:29PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Red River near sample location RR04



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 11.JPG

Photo Type:

Direction: N

Date/Time: Aug 22 2011 3:44PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Sample collection process using Peristaltic Pump



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 12.JPG

Photo Type:

Direction: N

Date/Time: Aug 22 2011 3:45PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Sample collection process using Peristaltic Pump



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 13.JPG

Photo Type:

Direction: SE

Date/Time: Aug 22 2011 3:49PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Red River near sample location RR04



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 14.JPG

Photo Type:

Direction: W

Date/Time: Aug 22 2011 3:50PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Red River at Sample location RR04



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 15.JPG

Photo Type:

Direction: W

Date/Time: Aug 22 2011 4:34PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Red River on way to sample location RR05



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 16.JPG

Photo Type:

Direction: SW

Date/Time: Aug 22 2011 4:35PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Red River on way to sample location RR05



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 17.JPG

Photo Type:

Direction: SE

Date/Time: Aug 22 2011 5:17PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: View of Red River on way back to dock area near sample point RR05



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 18.JPG

Photo Type:

Direction: W

Date/Time: Aug 22 2011 5:44PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Red River near RR05



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 19.JPG

Photo Type:

Direction: S

Date/Time: Aug 22 2011 5:45PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Red River enroute to boat launch area after collecting last sample.



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 20.JPG

Photo Type:

Direction: E

Date/Time: Aug 22 2011 6:18PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: Airboat after sample collection complete for the day



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 21.JPG

Photo Type:

Direction: N

Date/Time: Aug 22 2011 8:55PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Heth Parnell

Caption: FedEx Custom Critical Truck loading sample coolers into truck



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 22.JPG

Photo Type:

Direction: NW

Date/Time: Aug 23 2011 10:45AM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Sand pit area



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 23.JPG

Photo Type:

Direction: SE

Date/Time: Aug 23 2011 10:46AM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Sand Pit Area



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 24.JPG

Photo Type:

Direction: E

Date/Time: Aug 23 2011 11:13AM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Fish Kill area. Sample RR07 taken approx 100 ft upstream (west)



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 25.JPG

Photo Type:

Direction: SW

Date/Time: Aug 23 2011 11:14AM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Fish Kill area near RR07



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 26.JPG

Photo Type:

Direction: NW

Date/Time: Aug 23 2011 11:49AM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: On Red River near sample location RR06



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 27.JPG

Photo Type:

Direction: NE

Date/Time: Aug 23 2011 12:03PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: On Red River - visible drilling rig west of RR06



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 28.JPG

Photo Type:

Direction: W

Date/Time: Aug 23 2011 12:42PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: On Red River between sample location RR07 and RR08



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 29.JPG

Photo Type:

Direction: W

Date/Time: Aug 23 2011 1:37PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: On Red River between sample location RR07 and RR08.



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 30.JPG

Photo Type:

Direction: E

Date/Time: Aug 23 2011 1:59PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: On Red River near sample location RR08



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 31.JPG

Photo Type:

Direction: N

Date/Time: Aug 23 2011 2:26PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Near sample location RR08



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 32.JPG

Photo Type:

Direction: E

Date/Time: Aug 23 2011 3:16PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Red River - view of Interstate-35 bridge



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 33.JPG

Photo Type:

Direction: E

Date/Time: Aug 23 2011 3:17PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Red River - view of Interstate-35 bridge



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 34.JPG

Photo Type:

Direction: E

Date/Time: Aug 23 2011 3:18PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Red River - view of Interstate-35 bridge



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 35.JPG

Photo Type:

Direction: SW

Date/Time: Aug 23 2011 7:53PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 36.JPG

Photo Type:

Direction: SW

Date/Time: Aug 23 2011 7:54PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 37.JPG

Photo Type:

Direction: W

Date/Time: Aug 23 2011 7:55PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 38.JPG

Photo Type:

Direction: S

Date/Time: Aug 23 2011 7:56PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 39.JPG

Photo Type:

Direction: SE

Date/Time: Aug 23 2011 7:57PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 40.JPG

Photo Type:

Direction: SE

Date/Time: Aug 23 2011 7:58PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 41.JPG

Photo Type:

Direction: SE

Date/Time: Aug 23 2011 7:59PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 42.JPG

Photo Type:

Direction: SE

Date/Time: Aug 23 2011 8:00PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 43.JPG

Photo Type:

Direction: D

Date/Time: Aug 23 2011 8:01PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 44.JPG

Photo Type:

Direction: D

Date/Time: Aug 23 2011 8:02PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Sam Cheek

Caption: Lake Texoma Dried lake bed - View of seashell



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 45.JPG

Photo Type:

Direction: NW

Date/Time: Nov 2 2011 11:49AM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 46.JPG

Photo Type:

Direction: E

Date/Time: Nov 2 2011 11:50AM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 47.JPG

Photo Type:

Direction: NE

Date/Time: Nov 2 2011 11:51AM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 48.JPG

Photo Type:

Direction: NE

Date/Time: Nov 2 2011 12:19PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: Sampling equipment setup at Ketchum Bluff with Jon Boat in Background



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 49.JPG

Photo Type:

Direction: N

Date/Time: Nov 2 2011 1:45PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: Water sample collected after pH raised using NaOH



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 50.JPG

Photo Type:

Direction: N

Date/Time: Nov 2 2011 1:46PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: Water sample collected after pH raised using NaOH



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 51.JPG

Photo Type:

Direction: NW

Date/Time: Nov 2 2011 1:59PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: TPWD department personel in River near Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 52.JPG

Photo Type:

Direction: W

Date/Time: Nov 2 2011 2:00PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: TPWD personel utilizing setting up fish nets in River



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 53.JPG

Photo Type:

Direction: N

Date/Time: Nov 2 2011 2:36PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: OSC Bryant Smalley and ODEQ Brian Maggott



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 54.JPG

Photo Type:

Direction: NW

Date/Time: Nov 2 2011 2:39PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: OCC and nearby landowner in airboat



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 55.JPG

Photo Type:

Direction: NE

Date/Time: Nov 2 2011 2:41PM

Latitude: 0

Longitude: 0

Photographer: David McCarty

Witness: Roberto Bernier

Caption: OCC, TPWD, ODEQ, and EPA meeting at Ketchum Bluff. Meeting was unintentional.



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 56.JPG

Photo Type:

Direction: E

Date/Time: Nov 2 2011 2:42PM

Latitude: 0

Longitude: 0

Photographer: Roberto Bernier

Witness: David McCarty

Caption: OSC Bryant Smalley preparing equipment on mule to take equipment to Ketchum Bluff



Event Name: Red River Fish Kill

Incident Name: Red River Fish Kill

Photo Name: 57.JPG

Photo Type:

Direction: N

Date/Time: Nov 2 2011 2:43PM

Latitude: 0

Longitude: 0

Photographer: Roberto Bernier

Witness:

Caption: OSC Bryant Smalley and START David McCarty collecting water samples for EPA Water Division