* How often are bats considered?
* Of all cases in DARTS, how many consider bats? 123 cases confirm to mention bats; Mainly listed under section 7 T&E so some cases don’t explicitly mention bats but are within the area (Indiana is the most prominent case list who mention bats)
* How are they considered?
* What is measured to determine injury to bats? Handful of cases did studies/surveys. Refer to case list below
* What species traits are considered?
* What contaminant classes occur in NRDAR cases affecting bats? Various amounts of cases between oil, chemical, or mining. Refer to spreadsheet for exact counts.
* What is restored? What is measured to determine restoration efforts?
* How is this different or similar to assessing and restoring injury to other organisms?

**Note from Susan Lingenfelser:** White nose syndrome messing with baseline which led to some case teams to not consider bats. Also, reach out to Serena Ciparis and Anne Condon as VA has done some work with bats on their cases (VA cases that mention bats are listed below.

Public Comment from Mulberry Phosphates Final DARP/EA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=181)

**Comments:** One commentor noted other wildlife which inhabit the river basin were not listed or

mentioned in the Draft DARP/EA, including owls, crows, bats, river otters, and raccoons. The

commentor expressed concern that the lack of discussion of these animals in the Draft DARP/EA

might imply the spill damage to these animals is considered to be negligible or inconsequential.

**Response:** None of the animals identified by the commentor were discussed in any detail in the

Draft DARP/EA because none were observed injured following the spill and none of the

information or evidence available to the Agencies during the preassessment phase indicated a

significant potential for injury to animals other than birds. Many of these animals will

nonetheless benefit from the restoration actions selected in the DARP/EA

DARTS Deep Dive:

Preliminary search on Bats:

Words with word Bat/Bats come up (Abatement, Battlelle, Abating, Sunbathing, Battery, Battle, Battlefield, Batture(s), Bathymetry, Baton, Verbatim, Exacerbated, Bates, incubation, Albatross, Baton, Acrobat)

Document types reviewed: Pre-Assessment, Assessment, Restoration, and Monitoring: (Including: RODs, Factsheets, Restoration Plans, RCDPs, Study Plans/Reports, Monitoring Reports) estimated total documents reviewed 2,300

Case List with links to relevant documents and restoration projects:

**Advanced Fuel Filtration Systems Inc. Tanker Truck Accident Fuel Oil Spill (Restoration)**

Case Manager: None SOL: Lisa Stevens

Final RPEA: [Final Restoration Plan East Walker River Oil Spill (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=61) (focused on Fish; Ancillary species Bat listed)

**AdvanSix Chemical Spill (Restoration)**

CM: Case Snyder SOL: Mark Barash

Final RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6056)

**Allied Paper Inc./Portage Creek/Kalamazoo River NPL Site (Assessment/Restoration)**

CM: Kaylyn Flanigan SOL: Kelly Bakayza

Final RPEA: [Final Restoration Plan and Programmatic Environmental Impact Statement for Restoration Resulting from the Kalamazoo River Natural Resource Damage Assessment (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2894)

**American Cyanamid NPL Site (Assessment/Restoration)**

CM: Jillian Stark SOL: Genette Gaffney

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9776)

**Amoco Pipeline Company: (Closed Restoration Completed)**

CM: Heather Biggs

[DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=578) Settlement Agreements: States review for recovery of Bats

**Anacostia River: (Assessment)**

CM: Christina Kravitz SOL: List Stevens

PAS: [Pre-Assessment Screen Determination for Anacostia River, Washington, DC (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=10233)

**Anniston PCB NPL-Caliber Site: (Assessment)**

CM: Brian Spears

PAS: <https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1573>

**ARCO Pipe Line Co. Pipeline Crude Oil Spill: (Restoration)**

CM: Colleen Grant

RP: [FINAL RESTORATION PLAN (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=58)

**Arrowhead Refinery Co.: (Restoration)**

CM: Reena Bowman SOL: Lisa Stevens

Final RPEA: [Final Restoration Plan and Environmental Assessment for the Arrowhead Refinery Site (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=8339)

**ASARCO Ray Mine and Hayden Smelter: (Restoration)**

CM: Suzanne Dunn, Kevin Russel SOL: Genette Gaffney

Draft RPEA: [DRAFT RESTORATION PLAN AND ENVIRONMENTAL ASSESSMENT FOR THE HAZARDOUS SUBSTANCE RELEASES FROM THE HAYDEN SMELTER AND RAY MINE FACILITIES (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1500)

**Ashtabula River and Harbor: (Restoration)**

CM: Amber Bellamy SOL: Kelly Bakayza

Final RP: [Final Natural Resource Restoration Plan (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9382)

**Avtex Fibers Inc. NPL Site (Assessment)**

CM: Serena Ciparis, Casey Snyder, Anne Condon SOL: Amy Horner Hanley

PAS: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2076)

**B.F. Goodrich Superfund Site (Assessment)**

CM: Serena Ciparis, Anne Condon

PAS: [PowerPoint Presentation (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11498)

**Berry's Creek Watershed (Assessment)**

CM: Sean Bugel Sarah Scheaffer SOL: Mark Barash

PAS: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1205)

**ALL SEMO (Madison County Mines, Big River Mine Tailings/St. Joe Minerals Corp., Viburnum Trend, Washington Mine) (Assessment/Restoration)**

CM: Leslie Lueckenhoff, Joshua Hundley SOL: Amy Horner Hanley

Phase 1 Damage Assessment Plan: [16 April 2004 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1401)

RPEA: [Microsoft Word - Final SEMORRP 5-2014.docx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1406)

**Blackburn & Union Privileges NPL Site (Restoration)**

CM: Latice Fuentes SOL: Sarah Shattuck

RPEA: [internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4450](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4450)

**Blacktail Creek - Summit Midstream Partners and Meadowlark Midstream Company, LLC Pipeline Oil/Brine Spill (Restoration)**

CM: Jessica Johnson SOL: Dana Jacobsen

RPEA: [ENVIRONMENTAL ASSESSMENT RECORD (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=7219)

**Brewster Well Field NPL Site (Restoration)**

CM: None listed SOL: Katherine Bleau

RP: [DRAFT RESTORATION PLAN (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1243)

**Buffalo River: (Restoration)**

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=7097)

**Calcasieu Estuary: Bayou Verdine and Bayou d'Inde (restoration)**

CM: Brian Spears SOL Lisa Stevens

RPEA: [Table of Contents (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=261) (Mentions bats generally but not species specific)

**Carver Scrap Salvage Yard Site (Restoration)**

CM: None SOL: Genette Gaffney \*has state trustees listed

RPEA: [Microsoft Word - SPRRP Final 5-2012 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=813)

**Chevron Questa Mine NPL Site (Restoration)**

CM: Suzanne Dunn SOL: Joan Marsen

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6066)

**Chevron Refinery-Castro Cove (Restoration)**

CM: Carolyn Marn (retiring soon) SOL: Lisa Stevens

DARP/EA: [Castro Cove/Chevron Richmond Refinery: FINAL Damage Assessment and Restoration Plan/Environmental Assessment (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=14) (Briefly mentions bats)

**Chino, Cobre, Tyrone mines - FMC/Phelps Dodge Industrial Mining Complex (Restoration)**

CM: Suzanne Dunn and Robert Prather SOL: Genette Gaffney

Addendum RPEA: [16 April 2004 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=10436)

**Chlor-alkali Facility (former) Superfund Site (Assessment)**

CM: Latice Fuentes SOL: Sarah Shattuck

[**Record of Decision: Chlor-alkali Facility (Former) Superfund Site, Berlin, New Hampshire**](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=6618)

**Ciba-Geigy Corp. (McIntosh Plant) NPL Site (Restoration)**

CM: Brian Spears SOL: Genette Gaffney

**RPEA:** [DRAFT FINAL Ciba RP PEA (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2576) (generally mentions bats, not species specific)

**Combe Fill South Landfill NPL Site (Restoration)**

CM: Jillian Stark SOL: Mark Barash

RPEA Addendum: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4377) (Determined no effect to bat species)

**Cornell-Dubilier Electronics, Inc. NPL Site (Restoration)**

CM: Jillian Stark SOL: Genette Gaffney

Final RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6995)

**Cumberland Lake Shell Gasoline Tanker Truck Spill (Closed Terminated Assessment)**

CM: Serena Ciparis; SOL: Lisa Stevens

Effects of Gasoline Spill on Hiberating Bats: <https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6069>

**Cyprus Tohono Mine Site (Restoration)**

CM: Sherry Kircher, John Krause, Suzanne Dunn SOL: Genette Gaffney

RPEA: [Environmental Assessment and Restoration Plan (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1295)

**Dan River Coal Ash Spill (Restoration)**

CM: Casey Snyder, Brian Spears, Anne Condon SOL: Genette Gaffney

RPEA: [internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6321](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6321)

**Diamond Alkali (Assessment/Restoration)**

CM: Sean Bugel SOL: Mark Barash

Assessment Plan: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=5982) (cites Federal Rule for Long ear Bat ruling, but does not mention in text)

**Douglass Road/Uniroyal Inc. Landfill NPL Site (Restoration)**

CM: None SOL: None \*State trustee listed

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=589)

**DuPont Waynesboro (Restoration)**

CM: Anne Condon and Casey Snyder SOL: Genette Gaffney

Assessment Plan: [16 April 2004 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=972)

PAS: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=625)

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2913)

**E.I. du Pont de Nemours & Co. Pompton Lakes Hazardous Waste Site (Assessment)**

CM: Sean Bugel, Ryan Braham SOL: Amy Horner Hanley

PAS: [internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11429](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11429)

**East Helena Smelter Site (Restoration)**

CM: Jacob Martin Brian Balmer SOL: Genette Gaffney

RP state of Montana Checklist [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4533) (Species listed but not in final RPEA)

**Elliot Ditch and Wea Creek (Assessment)**

State of Indiana is pursuing NRDAR without Federal assistance. Can reach out to them for additional information

**Enbridge Energy Pipeline (MI) (Restoration)**

CM: Kaylyn Flanigan SOL: Kelly Bakayza

RPEA: [FINAL (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1524)

**Explorer Pipeline (Closed Restoration Completed)**

CM: Denise Ruffino and Heather Briggs SOL: Genette Gaffney

RPEA: [Microsoft Word - Final DARP Explorer Pipeline4\_3\_2009c.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=479)

**Exxon-Mobil Santa Clara River Oil Spill (Restoration)**

CM: Colleen Grant SOL: Lisa Stevens

RPEA: [Final Santa Clara River ExxonMobil Oil Spill natural resource damage assessment and restoration plan and environmental assessment (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=7037)

**Exxon-Mobil South Carolina Sites (Restoration)**

CM: Eric Bauer SOL: Genette Gaffney

Final RP: [Microsoft Word - ExxonMobil\_SC\_Final-RP-EA\_August\_2023\_ALL\_irr\_CLEAN (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11500)

**Fernald/Fernald Environmental Management Project (Restoration)**

CM: Amber Bellamy SOL: Kelly Bakayza

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=819)

**Fields Brook (Restoration)**

CM: Amber Bellamy SOL: Kelly Bakayza

RP: [Final Natural Resource Restoration Plan (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9652)

**Fisher-Calo NPL Site (Restoration)**

CM: None SOL: None \* State contacts listed

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=218)

**Former Indian Refinery Site (Restoration)**

CM: Edward Karecki SOL: Kelly Bakayza

PAS: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=622)

Assessment Plan: [Preassessment Screen Determination (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=633)

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1224)

**Fox River/Green Bay (Restoration)**

CM: Trina Soyk and Danielle Tesar SOL: Lisa Stevens

RP/EA: [H:\ES\NEPA\NRDA\Fox River\Final\Veryfinal\final Restoration Plan June 2003.wpd (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6466)

**Ft. Lauderdale Mystery Oil Spill (Restoration)**

CM: David Rouse SOL: Lisa Stevens

RP/EA: [Microsoft Word - Final DARP 8-26.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6224) (mentioned broadly)

**Gary Lagoons Site (Closed: Settled Activities deferred to State of Indiana)**

CM: None SOL: None

Factsheet: [IR34-00 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=4027) Gray Bats? Not part of NRDAR though?

**GB Biosciences Corp. Site/Greens Bayou (Closed Restoration Completed)**

CM: Denise Ruffino and Heather Biggs SOL: Genette Gaffney

RPEA: [Microsoft Word - FINAL DARPEA clean.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=873)

**Goose Lake Train Derailment, MN (Closed Terminated Assessment)**

CM: Aleshia Kenny SOL: Amy Horner Hanley

PAS: <https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=8335> (Mentions Bats)

**Gowanus Canal NPL Site (Assessment)**

CM: Dan Gefell SOL: Mark Barash

Assessment Plan: [Gowanus Canal Natural Resource Damage Assessment Plan (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11036)

**Grand Calumet River/Indiana Harbor Canal (Restoration)**CM: Daniel Sparks SOL: John Carlucci

Factsheet: [calumetriver09\_11\_01.p65 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=225) Indiana Bat Listed

RCDP: [RCDP draft 11/28/01 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=231)

**Great Lakes Asphalt Site and Northside Sanitary Landfill Inc. NPL/Envirochem Corp. NPL Sites (Closed Completed Restoration)**

CM: None SOL: Genette Gaffney

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2198)

**Hanlin-Allied-Olin (Assessment)**

CM: Carrie Blakeslee SOL: Genette Gaffney

PAS: [Privileged - Litigation Sensitive - Not for Release - FOIA Exempt (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4396)

**Hegeler Zinc NPL Site (Restoration)**

CM: Edward Karecki SOL: Kelly Bakayza

RP/EA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1385)

**Hudson River PCBs NPL Site (Assessment)**

CM: Kathryn Jahn SOL: Clare Cragan

Assessment Plan [Hudson River Natural Resource Damage Assessment Plan (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=767) PCBs in Bats

Preliminary Investigations of PCBs in Hudson River Bats: <https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=918>

**I. Jones Recycling Inc. Site (Closed Restoration Completed)**

CM: None SOL: None

RP: [Chapter 1 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=235)

**Industri-Plex NPL Site OU-2 & 3 (Restoration)**

CM: Latice Fuentes SOL: Mark Barash

RPEA: [Final Restoration Plan and Environmental Assessment for the Industri-Plex Superfund Site (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6704)

**Kennecott Utah Copper Site (Restoration)**

CM: Terry Adelsbach SOL: Genette Gaffney

RPEA: [Microsoft Word - 2010-03-22\_KUCC NRDA Restoration Plan FINAL.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=7095)

**Kerr-McGee Chemical Corp. NPL Site (Restoration)**

CM: Ashley Messier SOL: Genette Gaffney

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=7035)

**Lake Roosevelt/Upper Columbia River (Grand Coulee Dam to Canadian Border) (Assessment)**

CM: Jeffery Johnson Chris Eder SOL: Deirdre Donahue

Injury Assessment Plan: [1 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1334)

**Lone Mountain Processing Inc. Coal Slurry Spill (Powell River Watershed) (Restoration)**

CM: Casey Snyder SOL: Mark Barash

Factsheet: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=605)

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=517)

**Lordship Point Gun Club Site and Raymark Industries Superfund Site (Restoration)**

CM: Latice Fuentes SOL: Mark Barash and CM: None SOL: John Rudolph

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=5558)

**Los Alamos National Laboratory (Assessment)**

CM: Suzanne Dunn and Sherry Kircher SOL: None

PAS: [Microsoft Word - PAS\_FINAL\_021910.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1152)

Assessment Plan: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1232)

**M/T Skaubay - M/V Berge Banker Oil Spill (Restoration)**

CM: Mark VanMouwerik, Heather Biggs SOL: Genette Gaffney

RPEA: [Skaubay Final RP\_EA August 2003.pdf (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4502)

**Malone Service Company NPL Site (Restoration)**

CM: Heather Biggs SOL: Lisa Stevens

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2172)

**Marathon Knightsville Pipeline Oil Spill (Restoration)**

CM: Daniel Sparks SOL: Sarah Shattuck

Pre-Assessment Report: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6544)

**Marathon Pipe Line LLC (Closed Completed Restoration)**

Case Manager: Edward Karecki SOL: Genette Gaffney

DARP: [DARP\_MtErie\_Revised 8-2011.docx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=205)

Restoration Project [internaldarts.usgs.gov/Restoration/Project/Project?ProjectID=4094&CaseID=1049](https://internaldarts.usgs.gov/Restoration/Project/Project?ProjectID=4094&CaseID=1049)

Emergency Biological Option: [Biological Opinion (272880.DOC;1) (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1044)

**Marathon Pipeline Oil Spill - Big Creek (Restoration)**

Case Manager: Daniel Sparks SOL: Sarah Shattuck

Pre-Assessment Report: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6541)

Assessment Plan: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6542)

**Mid-Valley Pipeline Co. Pipeline Crude Oil Spill (Terminated Assessment)**

CM: Serena Ciparis SOL: Lisa Stevens

PAS: [Microsoft Word - Mid-Valley Pipeline PAS-Report Final.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6113)

**Midco I and Midco II Sites (Restoration) and Ninth Avenue Dump NPL Site (Closed Restoration Complete)**

CM: None SOL: None \*State trustee Listed

Factsheet [midco09\_11\_01.p65 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=2970)

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2969) (same document as Ninth Ave Dump)

**Morenci Mine - Phelps Dodge Industrial Mining Complex (Restoration)**

CM: Suzanne Dunn SOL: Genette Gaffney

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1179)

**National Zinc Corp. Site (Restoration)**

CM: Jonathan Fisher and Suzanne Dunn SOL: Joan Marsan

RPEA: [Herculaneum Lead Smelter Site Natural Resource Damage Assessment and Restoration (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=10657)

**Nease Chemical Superfund Site (Restoration)**

CM: Amber Bellamy Sol: Kelly Bakayza

PAS: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9458)

RPEA: [Nease Final RP/EA (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9459)

Restoration Work Plan: [Enter filename (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9889)

**New Almaden Mines (Restoration)**

CM: Carolyn Marn SOL: Lisa Stevens

RPEA: [Final Almaden Quicksilver Restoration Plan and Environmental Assessment (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=129)

**Newton County Wells NPL Site/FAG Bearing and Pools Prairie Site/Newton County Wells (Restoration)**

CM: None SOL: Genette Gaffney \*State representatives listed

RPEA: [Microsoft Word - SPRRP Final 5-2012 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=814)

**Newtown Creek (Assessment)**

CM: Dan Gefell SOL: Katherine Bleau

PAS: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2392)

**Nine Abandoned Fishing Vessels (Restoration)**

CM: NONE SOL: NONE

Emergency RPEA: [EMERGENCY RESTORATION PLAN AND ENVIRONMENTAL ASSESSMENT (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11)

**Ohio River Fish & Mussel Kill (Closed Restoration Completed)**

CM: Amber Bellamy SOL: Genette Gaffney

RPEA: [Restoration Plans (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=378)

**Olympic Pipe Line Co. (Restoration)**

CM: Michaerl Carlson and Jeff Krausmann SOL: NONE

RPEA: [ILE: (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=556)

**Omni Mount Washington Resort #6 Oil Spill (Restoration)**

CM: Latice Fuentes SOL: Mark Barash

DARP: [fillable signature page 20210720 Omni Final DARP MB concur.pdf (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6993)

**Onondaga Lake NPL Site (Restoration)**

CM: Amy Roe SOL: Lisa Stevens \*State Trustees Listed

Pilot Assessment of Mercury Exposure to Bats at Onondaga Lake NY [METHODS (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2097)

ASSESSMENT OF MERCURY EXPOSURE TO BATS AT ONONDAGA LAKE, NEW YORK: 2009 FIELD SEASON: [Microsoft Word - 2009OnondagaBatReportFinalSept2012.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=1028)

Assessment Plan: [16 April 2004 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=974)

PAS: [Microsoft Word - PREASSESSMENT SCREEN - Onondaga Lake.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=627)

Mercury in the Invertivore Food Web: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=987)

RPEA: [16 April 2004 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2476)

**Orphan Mine Site, Grand Canyon National Park (Assessment)**

CM: Christina Kravitz SOL: John Carlucci

States in description a bat survey was completed. DARTS does not have the final report or data.

**Ottawa River (Restoration)**

CM: Amber Bellamy SOL: Genette Gaffney

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2249)

**Portland Harbor NPL Site (Assessment/Restoration)**

CM: Jeremy Buck and Robin Van Meter SOL: Deirdre Donahue

Assessment Plan: [Microsoft Word - cover.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=746)

Rocky Mountain Arsenal Superfund Site (Restoration)

CM: None SOL: Dana Jacobsen

Assessment Plan: [Natural Resource Damage Assessment for the Rocky Mountain Arsenal, Complete (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=143)

**Roosevelt Roads Naval Station Jet Fuel Spill (Closed Restoration Completed)**

Assessment Report: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11219)

**Rouge River Mystery Oil Spill (Assessment)**

CM: None SOL: None

DARP: [Rouge River Mystery Oil Spill Restoration Plan (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1532)

**Saginaw River and Bay (Restoration)**

CM: Kaylyn Flanigan SOL: Genette Gaffney

Final RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=7099)

RPEA Supplement: [Tittabawassee River – Saginaw River & Bay Natural Resource Trustee Councils (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=10108)

**Saltville Waste Disposal Ponds NPL Site (Assessment)**

CM: Serena Ciparis Anne Condon Casey Snyder SOL: Amy Horner Hanley

Assessment Plan: [Document (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1908)

Study conducted with Mercury concentrations in Bats. Not in DARTS. Reach out to case team

**Sangamo Electric Dump/Crab Orchard NWR (Restoration)**

CM: Aleshia Kenny SOL: Amy Horner Hanley

1997 RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=211)

Sangamo-Weston Inc./Twelve-Mile Creek/Lake Hartwell PCB Superfund Site (Restoration)

CM: Eric Bauer SOL: Lisa Stevens

RCDP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=457)

**Sauget Area NPL Sites (Assessment)**

CM: Aleshia Kenny SOL: Kelly Bakayza

Bat Survey Final Report: [IR Technical Memo (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6786)

Assessment Plan Addendums : [Microsoft Word - ENV\_ENFORCEMENT-#2989047-v1-Sauget\_NRD\_DRAFT\_2021\_Assessment\_Plan\_Addendum\_.docx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9413) and [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9415)

Baseline Bat Acoustic Survey Study Plan: [Microsoft Word - BASELINE BAT ACOUSTIC SURVEYS AT SAUGET INDUSTRIAL CORRIDOR 11.30.17 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2909)

**Sheboygan River and Harbor NPL Site (Restoration)**

CM: Trina Soyk SOL: Lisa Stevens

PAS: [Microsoft Word - SheboyganPAS\_2012\_05\_24.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1228)

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=5628)

**Smurfit-Stone Frenchtown Mill (Assessment)**

CM: Brian Balmer SOL: Genette Gaffney

PAS: [MS Word Chapter Setup Template (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4295)

Assessment Plan: [Assessment Plan: Smurfit-Stone/Frenchtown Mill Site (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6851)

**South Hill Jet Fuel (Restoration)**

CM: Casey Snyder

DARP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4406)

**Southeast Idaho Phosphate Mines Site (Assessment)**

CM: Sandi Fisher and Jeremy Moore SOL: Deirdre Donahue

PAS: <https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1939>

**Southern Ohio Coal Co. Meigs Mine No. 31 (Restoration)**

CM: Amber Bellamy SOL: Kelly Bakayza

RP: [SECTION 1 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=379)

Southern Pacific Railroad Metam Sodium Spill (Restoration)

CM: None SOL: Lisa Stevens

Final Report: [CantaraFinalReport.p65 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=54)

From final report “River dependent and small mammal populations were minimally affected by the spill and quickly recovered to pre-spill conditions (Morrison 1993). Bats, on the other hand, had quite the opposite response. Bat populations were significantly impacted, and studies conducted in 1994 (Rainey and Pierson 1996) showed that recovery from the spill was slow. An additional study in 1996 (Rainey and Pierson 1997) suggested that the river was not sustaining bat populations as well as it had in 1992 or 1994. These results indicated the demography and density of the bat population was unstable. It was unknown whether it was due to long-term ongoing spill effects, or natural year-to-year variation”

RAINEY WE, PIERSON ED. 1996 Apr. Cantara spill effects on bat populations of the upper Sacramento River 1991-1995. Final report prepared for the Cantara Program, California Department Fish and Game. University of California at Berkeley, California, USA. 98 p.

RAINY WE, PEARSON ED. 1997 Apr. Monitoring of bat populations on the upper Sacramento River: 1996. Final report prepared for the Cantara Program, California Department of Fish and Game. University of California at Berkeley, California, USA. 35 p

**St. Lawrence Environment Case (Restoration)**

CM: Dan Gefell SOL: Mark Barash

RCDP Revised 2013: [Microsoft Word - RCDP\_Full\_Final Revised May\_2013 reredacted.docx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1162)

RCDP Appendices: [16 April 2004 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=888)

**St. Louis River (USX and SLRIDT) (Assessment/Restoration)**

CM: Reena Bowman, Trina Soyk SOL: John Rudolph and Lisa Stevens

RPEA: [Restoration Plan and Environmental Assessment NRDA SLRIDT (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=7900)

Assessment Plan: [internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=10653](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=10653)

**Sunoco Pipeline Oil Spill (Assessment)**

CM: Amber Bellamy SOL: Kelly Bakayza

2019 Update: <https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4459>

**T/B Bouchard B-120 Grounding Fuel Oil Spill (Restoration)**

CM: Latice Fuentes SOL: Katherine Bleau

Restoration Plan: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1303)

RPEA: [Final RPEA and FONSI for Roseate Terns, Common Terns, and Shoreline and Salt Marsh Resources on Ram Island (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11082)

**T/V Command bunker Fuel Oil Spill (Closed Restoration Completed)**

CM: None SOL: Lisa Stevens

RP: [Microsoft Word - Command\_Final\_RP - fixed.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=132)

**Tennessee Valley Authority Kingston Fossil Plant Fly Ash Release (Restoration)**

CM: Steven Alexander SOL: Lisa Stevens

RCDP: [16 April 2004 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1429)

**Tesoro Hawaii Single Point Mooring Hose Fuel Oil Spill (Restoration)**

CM: Alicia Hendrix SOL: Lisa Stevens

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=197)

**Texmo Oil Co. Tanker Truck Accident Diesel Spill (Restoration)**

CM: Suzanne Dunn Kevin Russell SOL: Genette Gaffney

RPEA: [Draft Restoration Plan and Environmental Assessment (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=803)

RPEA Draft Addendum: [Draft Texmo RPEA Addendum (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6702)

**Tittabawassee River (Assessment/Restoration)**

CM: Kaylyn Flanigan SOL: Genette Gaffney

PAS: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=623)

Final RPEA: [Final Restoration Plan/Environmental Assessment for the Tittabawassee River System Natural Resource Damage Assessment (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6662)

Draft RPEA: [Draft Restoration Plan / Environmental Assessment (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=view&ID=5868)

Assessment Plan: [Microsoft Word - PDF\_Cover.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=634)

**Tri-County Public Airport Site (Closed Terminated Assessment)**

CM: John Misner SOL: Lisa Stevens

PAS: [MS Word Chapter Setup Template (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2907)

**Tri-State Mining District - Cherokee County(Assessment/Restoration)**

CM: John Misner Gibran Suleiman SOL: Kelly Bakayza Amy Horner Hanley Sarah Shattuck

PAS: [ÿÿÿÿýÇr (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=257)

RPEA: [Cherokee County Restoration Plan/ Evnironmental Assessment (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=259)

Assessment Plan: [III (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1478)

Tri-State Mining District - Missouri Portion(Assessment/Restoration)

CM: Scott Hamilton Aleshia Kenny SOL: Kelly Bakayza Sarah Shattuck

Assessment Plan: [Microsoft Word - Missouri DAP 6-17-09.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1358)

PAS Jasper County: [> Signed MO-TSMD Documents (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1345)

PAS Newton County: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1346)

RPEA: [Microsoft Word - SPRRP Final 5-2012 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=816) (Same as under Newton wells and Carver Scrap above)

RPEA Cardinal Valley: [Draft Ciba RP/PEA June 5 2015 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9441)

**Tri-State Mining District-Tar Creek (Assessment/Restoration)**

CM: Suzanne Dunn Samantha Ruch SOL: Kelly Bakayza Genette Gaffney

Assessment Plan: [Microsoft Word - Cover.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=389)

Ozark Cavefish Distribution: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2147) Bats not present due to factors of no guano leading them to determine nitrogen is fixing within the system without bats.

PAS: [Microsoft Word - Final Tar Creek PAS.doc (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=388)

RCDP: [IEc Report Format v2.1 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=9195)

Draft amendment to Phase 1 restoration plan: [Tar Creek Phase 1 RP/EA Amendment – Lost Creek (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=11656)

Final amendment to Phase 1 restoration plan: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=8349)

Restoration Plan: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=390) specific to alternatives restoration for bat populations

Programmatic RPEA: [CHAPTER 3, RESTORATION ALTERNATIVES (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=2976)

**Tronox LLC Site (Restoration)**

CM: Denise Ruffino Heather Biggs SOL: Lisa Stevens

RPEA: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=4463)

**U.S. DOE Oak Ridge Reservation NPL Site (Assessment)**

CM: Steven Alexander SOL: Brigette Beaton

Assessment Report: [internaldarts.usgs.gov/Case/DamageCase?CaseID=975](https://internaldarts.usgs.gov/Case/DamageCase?CaseID=975)

**Union Carbide Corporation Kanawha River (Assessment)**

CM: Carrie Blakeslee SOL: Amy Horner Hanley

PAS: [SKM\_658e21073012250 (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=6722)

**Wayne Reclamation & Recycling/Wayne Waste Oil Site (Closed Restoration Completed)**

CM: None SOL: None

RP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=590)

**Westinghouse (CBS) PCB NPL Sites/Bloomington PCB Sites (Closed Restoration Completed)**

CM: None SOL: None

CD: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=215)

**Whitewood Creek NPL Site and Downstream Waters (Closed Restoration Completed)**

CM: Matt Shuwarz SOL: Lisa Stevens

RCDP: [DocHandler.ashx (usgs.gov)](https://internaldarts.usgs.gov/DocHandler.ashx?task=get&ID=1127)