



**New Jersey Department of Environmental Protection
Office of Natural Resource Restoration
2003 Settlement / Restoration Report**

Listed below are all the settled hazardous and petroleum discharge cases that ONRR has settled from the inception of the program in 1993, through the fourth quarter of 2003. The primary mission of the Office of Natural Resource Restoration is to provide for the assessment and restoration of New Jersey's natural resources that have been injured by the release of oil and hazardous substances. Restoration projects must have a demonstrable link to injuries caused by specific releases.

In its 10 years, the Office of Natural Resource Restoration (ONRR) has settled oil spill cases and hazardous waste site cases that totaled over \$42,000,000 in damages (settlements are final but not yet executed for approximately \$22 million). Working with municipalities, counties, other state and federal agencies, and non-government organization's, ONRR has applied approximately \$17 million in settlement monies to restore the public's resources injured by oil spills and hazardous waste sites. As of November 30, 2003 ONRR has acquired and performed restoration on approximately 1,910 acres of aquifer recharge area, wetlands, and valuable wildlife habitat and set them aside as public open space. By acquiring open space, the State's ground water resources are being improved and preserved for the future. In addition to the above settled cases, the ONRR has approximately 100 active cases in various stages of assessment or negotiations.

ONRR has done more than restore, preserve and provide open space as aquifer recharge and wildlife habitat. It has funded the construction of a new interpretive center at Island Beach State Park and the restoration of a Civil War-era pier at Fort Mott State Park. In addition to being a registered historic site, the pier now serves as a ferry terminal that transports passengers to and from other historic sites in the Delaware estuary. Both of these projects were implemented to restore the public's loss of use and access to its natural resources because of oil spills. Construction of these facilities has substantially increased public use of these parks.

Damage recoveries have also been used for funding research in support of habitat restoration and endangered species management, hiking trails, erosion control, streamside cleanups, and constructing permanent oil spill boom anchors at the mouths of tributaries to New York Harbor and the Delaware estuary. These boom anchors will allow rapid deployment of booms to remote areas during future oils spills, thus protecting hundreds of acres of upstream wetland ecosystems.



**SETTLED HAZARDOUS WASTE SITES INVOLVING
THE OFFICE OF NATURAL RESOURCE RESTORATION**

| HAZARDOUS SITE | SETTLEMENT DATE | INJURY | RESTORATION |
|---|----------------------------------|--|--|
| Hudson / Essex Co. Chromium Sites, Hudson / Essex Counties, Multiple Twps. | 11/03 | Ground water | \$17,000,000.00 settlement proposed open space / aquifer recharge acquisition / watershed improvement |
| Combe Fill South Superfund Site, De Minimis Settlement, Chester and Washington Twp., Morris Co. | multiple parties / various dates | Ground water, fisheries, public lost use | \$ 269,500.00 settlement proposed open space / aquifer recharge acquisition / watershed improvement |
| Carpenter Technology Union Twp. Union Co. | 5/02 | Ground water | \$150,000 settlement proposed open space / aquifer recharge acquisition |
| Celotex Park Edgewater Boro, Bergen | - | Ground water | \$3,400,000 settlement proposed open space / aquifer recharge acquisition |
| D' Imperio Property Superfund Site Hamilton Twp, Atlantic Co. | 10/02 | Ground water | \$100,000 settlement proposed open space / aquifer recharge acquisition |
| East Hanover Regional Ground Water Contamination East Hanover, Morris Co. | 5/02 | Ground water | \$1,000,000 settlement proposed open space / aquifer recharge acquisition |
| Evor Phillips Old Bridge Twp, Middlesex Co. | 5/02 | Ground water | \$390,600 settlement proposed open space / aquifer recharge acquisition |
| Jersey Tyler Foundry Site Bridgeton, Cumberland Co. | 4/02 | Stream sediment | \$50,000 settlement proposed stream habitat restoration |
| Mystic Associates | 2/02 | Ground water | \$60,000 settlement proposed open space / aquifer recharge acquisition |
| Hope Auto Care | 4/02 | Ground water | \$10,000 settlement proposed open space acquisition |



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| <p>Caldwell Trucking Superfund Site Fairfield, Essex Co.</p> | <p>12/94</p> | <p>Ground water Wetlands</p> | <p>\$984K settlement Branch Brook Park, stream embankment project (\$135,000) 16 acre recharge area / habitat acquisition (Montville) 20 acre recharge area/ habitat acquisition (Parsippany) Funding for local water distribution infrastructure enhancements (Fairfield)</p> |
| <p>Shieldalloy Superfund Site Newfield, Gloucester Co.</p> | <p>1997</p> | <p>Ground water Wetlands</p> | <p>\$302K settlement 15 acre wetland restoration (Newfield) 173 acre recharge area/habitat acquisition (Pittsgrove) 74 acre recharge area/habitat acquisition (Winslow)</p> |
| <p>Spence & Pijack Farms Superfund Site Plumstead, Ocean Co.</p> | <p>8/28/95</p> | <p>Wetlands</p> | <p>5 acre restoration of wetlands implemented onsite during remediation (Plumstead)</p> |
| <p>Lone Pine Landfill Superfund Site Upper Freehold, Monmouth Co.</p> | <p>6/12/97</p> | <p>Wetlands</p> | <p>16 acre wetland creation (Freehold) implemented by responsible parties Acquired 70 acres of wetlands</p> |
| <p>Hopkins Farm Superfund Site Plumstead, Ocean Co.</p> | <p>7/96</p> | <p>Wetlands</p> | <p>Restoration of wetlands implemented during remediation</p> |
| <p>GEMS Landfill Superfund Site Gloucester Twp. Camden Co.</p> | <p>7/96</p> | <p>Ground water Wetlands Endangered Species</p> | <p>59 acre acquisition (Gloucester) 63.25 acre acquisition (Gloucester) \$2.3 million settlement 56 acre recharge area acquisition (Deptford) Fisheries research Other acquisitions and restoration being explored</p> |
| <p>Helen Kramer Superfund Site Mantua, Gloucester Co.</p> | <p>4/98</p> | <p>Ground water Wetlands</p> | <p>Acquisition of 151 acre recharge area/wetland implemented by responsible parties (West Deptford)</p> |
| <p>Washington Auto Warren, Somerset Co.</p> | <p>11/25/1998</p> | <p>Ground water</p> | <p>\$342K settlement 50 acre acquisition of aquifer recharge (High Bridge)</p> |



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| Chemical Leaman Superfund Site Logan, Gloucester Co. | 8/20/2000 | Ground water Wetlands | \$4.2 million settlement 46 acre acquisition of Liberty Property, includes bald eagle habitat and nests (Logan) 98 acre acquisition of forested wetland and bald eagle habitat (Woolwhich) Other acquisitions and restoration being explored |
| Chemsol Superfund Site Piscataway, Middlesex Co. | 7/26/1999 | Ground water | \$650,000 settlement Acquisition of aquifer recharge/upland habitat pending |
| Lang Superfund Site Pemberton, Burlington Co. | 4/19/2001 | Ground water | \$7,500 settlement Restoration options being explored |
| Liberty National Jersey City, Hudson Co. | 9/14/2001 | Wetlands Sediments | 5 acres of wetland restoration and public access trails on the Caven Point Peninsula |
| Shulton Landfill Mays Landing, Atlantic Co. | 7/16/01 | Ground water | \$78,000 settlement Purchase of open space for aquifer recharge pending |
| A to Z Automotive West Millford, Passaic Co. | 9/6/2000 | Ground water | \$14,750 settlement |

**SETTLED OIL SPILLS (PETROLEUM DISCHARGES) INVOLVING
THE OFFICE OF NATURAL RESOURCE RESTORATION**

| EVENT (date of discharge) | DATE | INJURY | RESTORATION |
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| TK Transport (1/01) 6,000 gallons of gasoline into wetlands (Mt. Laurel) | 7/26/02 | Wetlands | \$35K settlement to do monitoring of wetlands |
| Travelodge (3/00) 1,000 gallon No.2 oil into tributary of Pennsauken Creek | 6/22/02 | Small stream | \$8,500 settlement 3 year monitoring of steam recovery, Mount Holly |
| Terminal Ventures (9/10/99) Discharge of 500 gallons of No. 6 oil into the Hackensack River | 4/10/2000 | Wetlands Mudflat | \$24,979 settlement proposed habitat restoration or boom anchor project |



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| Spring Bee (3/99) 550 gallons lube oil into Delaware River (Camden) | 5/99 | Wetlands | \$3,594 settlement Boom anchors, Newton Creek (Camden) |
| Coastal Eagle (12/98) 500 gallons JP-4 into Delaware River | 5/19/2000 | Wetlands | 3 sets boom anchors* installed by Coastal (Westville, Gloucester) |
| New Ideal (10/98) 2,000 gallons No. 6 into Delaware Bay | 5/12/1999 | Wetlands | \$15,034 settlement |
| Vane Brothers (5/98) 1,000 gallons No. 6 oil into Pennsauken Creek | 1/25/1999 | Wetlands | 3 sets boom anchors* installed by Vane Brothers (Pennsauken) |
| Stolthaven (4/98) Gas pipeline rupture into Woodbridge Creek | 3/01 | Wetlands | \$65K settlement |
| Sun Pipeline (12/97) 20,000 gallons of gasoline into Doty's Brook, Piscataway | 4/13/99 | Small stream | 3 year monitoring of stream recovery, extensive stream re-vegetation and trash removal conducted by Sun (Piscataway) |
| Mystra (9/97) 5,000 gallons Brent crude into Delaware Bay | 5/4/1998 | Fisheries | \$19K settlement Boom anchor project* (Commercial Twp. Salem Co.) |
| Harrah's (1/97) 1,500 gallons No.2 oil into Absecon Inlet | 5/97 | Wetlands | 2 year marsh recovery, monitoring by Harrah's |
| Bouchard B155 (10/96) 2,000 gallons No.2 oil into Delaware Bay (Commercial Twp., Salem Co.) | 1997 | Wetlands | \$18K settlement Boom anchor project* |
| Anitra (5/96) 42,000 gallons of Nemba and Cabinda crude into Delaware Bay | | Endangered species Migratory shorebirds | \$1.5 million settlement Migratory bird management and protection, habitat restoration and acquisition |
| Jahre Spray (7/95) 56,000 gallons Rabi crude oil into Delaware River, (Cinnaminson) | 2/13/01 | Wetlands Fisheries | \$51K settlement 47 acre acquisition of wetlands/Bald Eagle habitat |
| Moramac Marine Transport (2/95) 20,000 gallons No.2 oil into Sandy Hook Channel | 4/16/1997 | Fisheries | \$22K settlement will be combined with other settlements for restoration in Raritan Bay |
| M/V Kentucky (7/94) 13,000 gallons of light | 3/27/96 | Fisheries Wetlands | Assessment costs (\$6K) \$27K settlement to PA |



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| crude into Delaware River | | | |
| CCMUA (6/94) 15 million gallons sewage into Big Timber Creek (Gloucester Twp) | 7/99 | Lost public use Fisheries | Erosion control project Endangered species protection (Gloucester) Assessment costs (\$25K) |
| Cynthia M (3/94) 160,000 gallons NaOH into Hackensack River. | 9/24/1998 | Fisheries | \$50K settlement 80 acre restoration (Jersey City) |
| Burlington Asphalt (1/94) 10,000 gallons No. 2 oil | 2/97 | | \$50K settlement 30 acre acquisition (Pemberton) along Rancocas Creek Hiking trail construction / maintenance. |
| BT Nautilus (6/90) 280, 000 gallons No.6 oil into Kill van Kull | 3/13/95 | Lost public use Wetlands Endangered species | \$1.56 million of settlement for NJ 80 acre marsh restoration (Jersey City) Interpretive Center at Island Beach State Park Piping Plover restoration (Atlantic Coast) |
| Cibro/Montauk (3/90) 100,000 gallons No. 2 oil into Authur Kill | 1/27/1999 | Lost public use Wetlands | \$240K settlement |
| Exxon Bayway (1/90) 567,000 gallons of No.2 oil into Arthur Kill | 3/1/1991 | Lost public use Fisheries Wetlands Wading bids Waterfowl | \$5.78 million of settlement to NJ Trustee committee oversight 200 acre wetland / upland restoration (Jersey City) 25 acre acquisition (Edison) 32 acre marsh restoration (Woodbridge) 16 acre marsh restoration (Carteret) Wading bird research Harbor wildlife inventory GIS |
| President Rivera (3/89) 306,000 gallons No. 6 oil into Delaware River | 1994 | Lost public use Fisheries Wetlands | \$1.1 million settlement 40 acre wetland restoration (Alloway) 182 acre acquisition (Alloway) Fort Mott pier restoration 186 acre acquisition (Stow Creek) |
| Sun Pipeline (1/86) Gas pipeline rupture/fire | 1997 | Old growth forest | \$455K settlement 5 acre forest restoration |



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| (Princeton) D& R Canal, Princeton | Neotropical birds | Neotropical bird research |
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* Boom anchor projects generally entail the placement of permanent structures, usually pilings or buoys, where floating deflection boom can be attached during an oil spill. Placing such structures at the mouths of rivers and creeks allows for rapid deployment of boom during oil spills, thus protecting upstream wetlands and associated wildlife.