

DBRC Additional Information

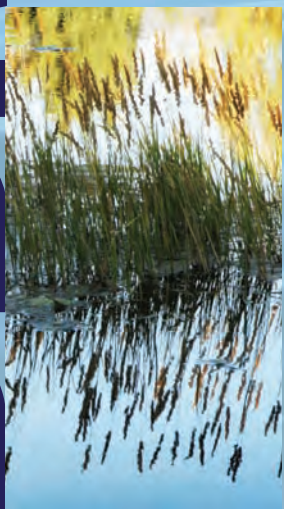
DBRC (INDUSTRY PERSPECTIVE)

The Delaware Valley is one of the highest volume oil ports in the U.S. and a critical environmental habitat. Therefore, minimizing disruptions in normal port operations and throughout the Delaware Valley estuary due to oil spills is a priority for the entire region.

Delaware Bay is the entrance to the largest petroleum port on the East Coast, and 2nd in the nation with an estimated 1 million barrels of crude being transported through it's waters on a daily basis. The Delaware River is home to 5 major refineries, and numerous pipeline and shipping companies.

DBRC (ENVIRONMENTAL PERSPECTIVE)

The Delaware Bay region stretches southeast from the widening of the Delaware River to the Atlantic Ocean. This region of 1,539 square miles includes the Maurice River Watershed in New Jersey and the Mispillion River Watershed in Delaware, as well as smaller sub-water sheds along both sides of a wide Delaware Bay. – The Delaware Bay and estuary are one of the earth's most complex and diverse ecosystems. Vast stretches of subtidal sands, mud, oyster reefs, beaches and salt and freshwater marshes support more than 200 species of migrant and resident fish and shellfish, including oysters, blue crabs, striped bass, shad and bluefish. – The ecosystem also supports the largest population of spawning horseshoe crabs in the world. It's an important link in the international migratory path of a variety of shorebirds and waterfowl. The estuary is one of world's four most important shorebird migration sites and has the second-highest concentration of shorebirds in North America. – More than 6.4 million people live in the estuary's watershed and about 15.2 million people get drinking water from the watershed and Upper Delaware River Basin.



DBRC



Staff and Contacts



DBRC staff is comprised of 18 seasoned professionals with an average of more than 25 years of experience in marine operations and spill response. DBRC staff is divided into 2 departments; Field and Marine. Our Oil Spill Response Vessels are manned 24/7, and our response technicians are on a one hour recall. For more information about DBRC or how to become a member, please visit our site. www.dbrinc.org

DBRC OFFICES

DBRC: LINWOOD OFFICE:

1650 Hewes Ave., P.O. Box 1197, Linwood, PA 19061
Phone: 610-859-2830 Fax: 610-859-2834

DBRC LEWES OFFICE: MARINE OPERATIONS BUILDING

700 Pilottown Road, P.O. Box 624, Lewes, DE 19958-0624
Phone: 302-645-7861 Fax or Phone: 302-645-1565

DBRC CONTACTS

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Field Supervisor, Bob Poole

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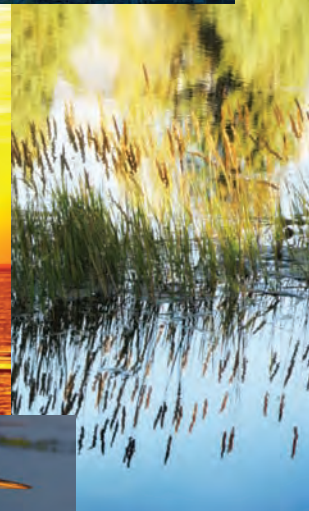
Marine Supervisor, Scott Bossert

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DBRC

Delaware Bay and River Cooperative, Inc.



DBRC Membership Benefits

In 1977 members of the Oil and Transportation Industries in the Delaware Valley joined to found what has emerged today as the Delaware Bay And River Cooperative. The "DBRC" is a not-for-profit corporation organized to respond to and offer protection from oil spills in the Delaware Bay and River area. It is the responsibility of DBRC to plan for and respond to oil spills on water in the Delaware Valley from the mouth of the Delaware Bay to the Betsy Ross Bridge in Philadelphia, PA.

MEMBERSHIP BENEFITS

The Delaware Bay and River Cooperative is composed of member companies who receive, produce or transport oil on the Delaware River and Bay. Members and Subscribers have access to large quantities of shared oil spill response resources to meet their regulatory requirements for oil spill response; eliminating the need for any one company to purchase and maintain their own equipment.

DBRC and its members work together to provide efficient response solutions in case of oil spill emergencies in the Delaware Bay and River. DBRC is fully funded by our members and offer our members a reliable, proven system of protection while conducting business on the Delaware Bay.

DBRC SUBSCRIBER MEMBERSHIP

The Subscriber Membership was established to permit vessel operators to obtain coverage by DBRC on a per-voyage basis. Voyage coverage covers the vessel for the entire trip in the Delaware Bay and River from the time the vessel enters the Delaware Bay until it departs for sea.



Membership Options

DBRC REGULAR MEMBERSHIPS

- Sunoco Logistics Partners LP
- Monroe Energy
- OSG Ship Management, Inc
- Sunoco, Inc.
- Phila. Energy Solutions
- Delaware City Refining Co.
- Paulsboro Refining Co.
- NuStar Asphalt Refining
- Calpine
- Exelon Power
- PSEG Nuclear, LLC
- Plains Products Terminals
- Statoil

MEMBER COMPANY ROLE

Boom and other equipment is stored at nine member facilities and various other locations to maximize capabilities and decrease response times. Member company response teams deploy first response protection boom strategies at 8 primary creeks and tributaries, and secondary sites throughout the DBRC response area. DBRC's fleet is capable of deployment and recovery of boom throughout the Delaware Bay and River. In case of spill, DBRC deploys its fleet as well as any other protective measures necessary for emergency cleanup operations.

The Subscriber Membership also includes Average Most Probable discharge coverage for vessels lightering in Big Stone Anchorage. This is provided by the 166 ft. OSRV DELRIVER, stationed in Roosevelt Inlet and manned 24 hours a day. The DELRIVER can be in Big Stone Anchorage in less than an hour from notification.

For more information on becoming a member, please Email the DBRC at dbrinc@dbrinc.org.

FEATURES:

- Membership established in 1994 provides reliable, full-time coverage for the Delaware Bay.
- Vessel Owners & Operators can obtain DBRC Coverage per voyage.
- Spill Management and other companies can obtain Voyage Coverage for client vessels.
- DBRC provides response capabilities required by the Delaware Bay Area Contingency Plan.

DBRC Equipment & Resources

DBRC MAJOR RESPONSE EQUIPMENT

OSRV DELRIVER

The largest member of the DBRC fleet, this 425-ton multi-purpose vessel measures 166 feet in length. It provides an on-board command center in addition to skimming equipment and boom. The DELRIVER is berthed in Lewes, with a four man 24/7 crew. The DELRIVER is equipped with: 4,800 feet of ocean boom, twin LORI 5 brush skimmers, 3000 barrel storage capacity, and a recovery capacity of 13,750/bbl./ day. All equipment can be deployed by the vessel's crew with no outside assistance.

OSRV DELBAY

The 68-foot, 100-ton oil skimming vessel has two (2) 250 horsepower engines with a maximum speed of 9 knots, 1,000 gallon fuel capacity and a 10,000 gallon (238 bbl) storage capacity. The bow of the vessel opens up and two sweeps extend, funneling the oil onto a moving Dynamic Inclined Plane (DIP) belt system. The DELBAY is berthed at Sun Marcus Hook.

OSRV DELCREEK

The DELCREEK is a 30-foot self propelled skimmer with a maximum speed of 4 knots. The DELCREEK also uses the DIP skimming system. The DELCREEK is propelled by a 75 horsepower diesel engine and has a storage capacity of 1,500 gallons (35 bbl). This unit is for use in protected waters.

LORI BOW COLLECTOR UNITS

DBRC has four LORI (LBC-3) bow mounting skimming systems. The skimmer is a chain driven brush skimmer rated for use in protected waters. Two (2) of DBRC's Schat work boats are capable of mounting LORI units with an approximate skimming width of 16 ft. The units on the Schats are at DBRC's Linwood facility, Paulsboro, and Delaware City Refinery.



Two LORI units can be mounted on American Eagle Aluminum Barge units stored at DBRC's Linwood facility.