In 1972 Lee Brown donated a viewing pond and 24 hectares (60 acres) of agricultural land to Long Point Region Conservation Authority (LPRCA). Three years later, he donated an additional 233 hectares (550 acres) of marshland. As a tribute to Lee Brown and his endeavours to preserve and increase the potential of such a unique ecosystem, the Lee Brown Waterfowl Management Area (LBWMA) was established in 1975. Today, LPRCA manages this thriving ecosystem to maintain and enhance wetland habitat suitable for water management purposes, as well as to propagate native waterfowl and other marsh species.

The Management Area now consists of the following five parcels of upland and marsh, totaling 324 hectares (800 acres), located west of Port Rowan and Port Royal:

- Lee Brown Marsh - 247 ha (610 acres)
- Walker property - 15 ha (37 acres)
- Robinson property - 24 ha (59 acres)
- Cockburn property - 11 ha (27 acres)
- Boyd property - 27 ha (67 acres)

The marshes of the LBWMA are part of the Big Creek/Long Point Marsh System - a wetland of international significance, especially for migratory waterfowl and other bird species. The importance of this area is underscored by its designation as a “Wetland of International Significance” under the Ramsar Convention. The region is also a designated buffer zone to the Long Point World Biosphere Reserve, a unique biosphere reserve designated in 1986 by the United Nations Educational, Scientific and Cultural Organization. The Big Creek marsh area is also designated as a provincially significant Class 1 wetland. Due to the continuous nature of the Big Creek marsh, management of the Authority’s land holdings must be compatible with the goals and objectives identified for the entire Long Point marsh complex.

Access to the Marsh is limited to the viewing area on Lakeshore Road to preserve this important wetland habitat and to ensure that people of all ages may enjoy this natural area. From the viewing platform, one can view a variety of waterfowl species, especially during spring and fall migration. A kiosk displays information about the Marsh’s history and local nature features.