

## ENVIRONMENTAL CASE STUDIES

### Former Orchard in Manistee, MI—USEPA Funded

#### THE PROPERTY

Under the Little River Band of Ottawa Indians (LRBOI) Brownfield Assessment Program, the Pow Wow Grounds property was identified as a brownfield site. The site is located on the south side of M-22 and US-31 intersection north of Manistee, Michigan and consists of a single 87-acre parcel. The property was undeveloped forestland until orchards were planted north of the property. The property was used for orchards that reverted to fallow fields and pine forest.

#### THE PROJECT

The property became the LRBOI Pow Wow Grounds in 2001, and remains the current use.

#### AKT PEERLESS' ROLE

The LRBOI retained AKT Peerless to evaluate environmental conditions through the completion of a Phase I Environmental Site Assessment and Phase II ESA. AKT Peerless conducted the ESA's under the LRBOI's USEPA Brownfield Assessment Grant. To perform this work, AKT Peerless obtained USEPA's approval for the Quality Assurance Project Plan, Sampling Plan, and Health and Safety Plan. Based on the results of the Phase II ESA, arsenic was identified in a soil sample at the property above applicable MDEQ Generic Residential Cleanup Criteria for Direct Contact. Low levels of pesticides were detected; however, all samples were below criteria.

AKT Peerless prepared a Remedial Plan for the LRBOI providing recommendations in regard to the area containing the arsenic.

AKT Peerless and its affiliates also coordinated the development of a preliminary reuse plan for the site. The reuse plan was developed in consultation with all applicable tribal department directors and the brownfield project team culminating in a preferred use scenario allowing for the future use of the site while protecting human health and the environment.

AKT Peerless assisted the tribe in applying for, and the successful award of, a \$250,000 cleanup grant for tribe's Pow Wow Grounds property and the former Manistee Forge site.

#### THE RESULT

It is intended to continue to use the Pow Wow Grounds for cultural activities to its full potential, and in a manner that protects public health and the environment.

