



Restoring the Land

For almost 40 years, Luminant has set the standard in restoring the land after mining. Even before federal and state laws were written, Luminant was committed to advancing the science of land reclamation. The success of Luminant’s program proves it is possible to gain the benefit from natural resources and reclaim the land in an environmentally sound manner that adds value to it in the process.

RENEWING TEXAS WOODLANDS

- Developing sustainable Texas forests is a crucial part of Luminant’s reclamation program.
- Habitat destruction and invasive and non-native species are the leading threats to Texas wildlife, and the removal of soft woods on family forested lands exceeds annual growth.
- To offset these trends, Luminant develops and enhances high-quality wildlife habitat and establishes commercial stands of pine timber on about 60 percent of the acres it reclaims every year.
- Forests provide long-term watershed protection and improve water quality as well as capture carbon dioxide, a contributor to global climate change.

Setting the Standard in Land Reclamation

- After mining, Luminant’s goal is to quickly return mined lands to productivity and achieve full release of all regulatory reclamation obligations.
- More than 66,000 acres have been reclaimed for use as forests, pastures, wildlife habitat and cropland, and bond liability release has been secured on over 29,000 acres.
- Nearly 29 million trees have been planted.
- Over 5,100 acres of wetlands, ponds and stream channels have been created or enhanced.



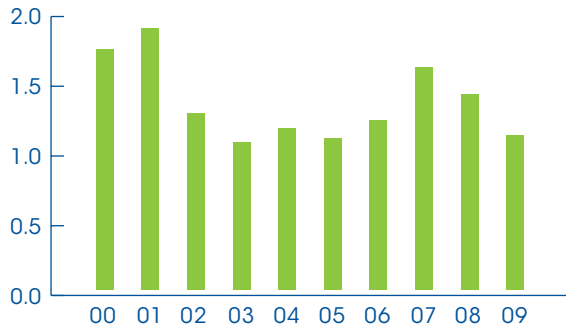
Mining and Reclamation in Acres 1971–2009

		Big Brown	Martin Lake	Monticello	Three Oaks	Kosse	TOTAL
MINED	2009	161	1,020	112	202	85	1,580
	To date	13,968	27,165	17,642	327	85	59,187
RECLAIMED	2009	102	830	238	270	45	1,485
	To date	14,994	30,275	20,460	380	45	66,154
RELEASED	2009	521	0	0	0	0	521
	To date*	7,326	11,996	9,842	0	0	29,179

* Bond release total includes 15 acres at Bremond released in 1998

Trees Planted in Millions

Total since 1975: 28.9 million trees



Award-Winning Program



The excellence of Luminant's land reclamation program has been recognized with nearly 90 awards. They include the Director's Award, the nation's highest honor for advancing the science of reclamation, from the U.S. Department of the Interior's Office of Surface Mining. Luminant has received this award an unprecedented five times, including consecutive recognitions in 2008 and 2009. The company has also received the Texas Reclamation Award, Texas' top honor for quality in reclaimed land, 13 times from the Railroad Commission of Texas.

ADVANCING SCIENCE

- As Luminant prepared to pioneer the modern use of lignite to generate affordable, reliable electricity for Texans, company officials saw an opportunity to apply sound science and ongoing research to better understand the environmental effects of mining and reclamation.
- In 1971, when Big Brown, the company's first mine and coal-fueled plant began operation, the unique Luminant Environmental Research Program was established.
- The program remains unlike any other—funded by Luminant but designed for university graduate students

to conduct research independently under the autonomous guidance of leading scientists, educators and advisors.

- More than 120 published student theses and dissertations have helped shape the company's reclamation activities and contributed to the science of mine reclamation on a national scale.



POWERING TEXAS

- Texas lignite supplies more than half of the fuel for Luminant's 7,200 megawatts of coal-fueled generation. The remainder of the coal supply comes from Wyoming's Powder River Basin.
- Annual lignite production, which has averaged 20 million tons, is expected to grow to about 33 million tons following full operation of Luminant's 2,200 megawatts of new coal-fueled generation to help meet Texas' growing power demands.
- Putting this natural resource to work for four decades has kept Luminant the state's No. 1 coal-mining operation.

FOR MORE INFORMATION ON LUMINANT'S ENVIRONMENTAL PROGRAMS, VISIT www.Luminant.com/Environment

