

Longhorn Mitigation Plan
Commitment Implementation Status Report
Annual - 2010

Mitigation Item No.	Description	Timing	Status of Commitment Implementation
38	Longhorn shall submit periodic reports to DOT/OPS that will include information about the status of mitigation commitment implementation, the character of interim developments as relate to mitigation commitments, and the results of mitigation-related studies and analyses. The reports shall also summarize developments related to its Operational Reliability Assessment ("ORA"). The quarterly reports shall be made available to the public.	Quarterly during the first two years of system operation and annually thereafter for the operational life of the pipeline system.	This report covers the 2010 annual reporting period. This report addresses mitigation commitments that either begin with, or extend beyond startup and have not had a Completion Report submitted to PHMSA/OPS. System startup occurred January 27, 2005.
10	Longhorn shall, following the use of sizing and (where appropriate) geometry tools, perform an in-line inspection ("ILI") of the existing pipeline (Valve J-1 to Crane) with a transverse field magnetic flux inspection ("TFI") tool and remediate any problems identified. See the Longhorn Pipeline System Integrity Plan ("LPSIP") at Section 3.5.2 and the ORA at Section 4.0	At such intervals as are established by the ORA, provided that an inspection shall be performed no more than 3 years after system startup in Tier II and III areas.	The timing of this inspection is to be determined by the ORA, but it shall be conducted not later than 3 years after system startup. The TFI Tool inspections have been completed for all segments of the pipeline between Valve J-1 and Crane. Analysis of ILI data, field investigations, and pipeline rehab activities are complete.
12	Longhorn shall, following the use of sizing and (where appropriate) geometry tools, perform an in-line inspection of the existing pipeline (Valve J-1 to Crane) with an ultrasonic wall measurement tool (UT Tool) and remediate any problems identified. See the LPSIP at Section 3.5.2 and the ORA at Section 4.0.	At such intervals as are established by the ORA, provided that an inspection shall be performed no more than 5 years after system startup.	UT Tool Inspections have been completed on all segments from Galena Park to Crane; analysis of data and rehab projects will be completed in 2011. Longhorn is operating under the reduced pressure until the pipeline rehabs resulting from the UT Tool Inspections are complete. This will be completed in 2011.
13	Longhorn shall install an enhanced leak detection and control system which will include a transient model based leak detection system utilizing 9 meter stations (6 clamp on meters and 3 turbine meters). Additionally, a leak detection system will be installed over the Edwards Aquifer Recharge Zone and the Slaughter Creek watershed in the Edwards Aquifer Contributing Zone that will detect a leak of extremely minute volume in twelve (12) to one hundred twenty (120) minutes from contact, depending upon the product sensed by the system. That leak detection system will be a buried hydrocarbon sensing cable system designed to meet the leak detection performance specifications described in the preceding sentence. The pipeline system is designed to achieve emergency shutdown within 5 minutes of a probable leak indication. See Mitigation Item 13.	System installation prior to startup and system operational within 6 months of startup.	The enhanced leak detection systems were installed prior to system startup as specified in the LMP. Leak detection sensitivities currently meet specifications required under 1% of flow detected within one hour, and one half hour. Analyses of all operational data and activities are conducted, and the sensitivities are measured and evaluated bi-monthly. The leak detection capabilities are periodically tested and demonstrated in conjunction with the Longhorn ILI activities.
19	Longhorn has performed studies evaluating each of the following matters along the pipeline, and shall implement the recommendations of such studies. See Mitigation Item 19.		
19b	Scour, erosion and flood potential.	Periodically after startup. (Scheduled inspections occur at various water crossings at 6 month and 5 year intervals. Inspections also occur after certain flood events).	The 6 month periodic inspections were completed in January and June 2010. According to the ORA Summary Report, "Scour Surveys on the Colorado River and its tributary Pin Oak Creek show little to no evidence of erosion or scouring. The 5 year study results will be reported on the 2010 ORA Summary Report which will be available some time in 2011.
19d	Ground movement, subsidence and aseismic faulting	Periodically after startup. (The study recommended surveys to be performed every 6 months).	Monitoring was completed in June and December of 2010. The conclusions from the technical report state "Based on these results it appears that the Akron, Melde, and Breen faults have been essentially inactive during the monitoring period of these surveys. Displacement data collected at the Hockley fault since the benchmarks were installed in May 2004 show the potential for slow progressive movement at an average rate of approximately 0.2 to 0.5 millimeters per year, however the latest set of data indicates that the Hockley fault is not undergoing vertical displacement."
19e	Landslide potential.	Periodically after startup. (The study recommended surveys to be performed every 5 years).	A photogrammetry survey was completed in June 2005. The 2010 photogrammetry survey was completed in December of 2010; results are currently being evaluated.

Longhorn Mitigation Plan
Commitment Implementation Status Report
Annual - 2010

Mitigation Item No.	Description	Timing	Status of Commitment Implementation
25	Longhorn shall develop enhanced public education/damage prevention programs to, inter alia (a) ensure awareness among contractors and potentially affected public, (b) promote cooperation in protecting the pipeline and (c) to provide information to potentially affected communities with regard to detection of and responses to well water contamination. See the LPSIP Section 3.5.4 See Mitigation Appendix, Item 25.	Continuously after startup.	Longhorn is executing its Public Education Program. Notable events in 2010 included: (1) Annual mail-out to approx. 85,000 stakeholder addresses; (2) Emergency Responder / Excavator Training for the 25 Counties the pipeline traverses; (3) Door Hanger Program - approx. 3473 hangers distributed; (4) Conducted face-to-face meetings with first responders in all 25 counties; (5) Conducted school programs for 4th grade students in Austin; (6) Ran a PSA in the Texas Co-op Power Magazine (4 Ad placed to run in Oct, Nov, Dec for safe digging in the ElMundo Hispanic newspaper in Central Texas; (7) Set up a "Call Before You Dig" booth at El Paso Rodeo and the Houston Home and Garden show; (8) Maintained Kiosk program at 41 feed and seed stores in 14 cities; (9) Sent Supplemental notification letters to Contractors and Landowners when new construction was discovered.
31	Longhorn shall perform a surge pressure analysis prior to any increase in the pumping capacity above those rates for which analyses have been performed or any other change which has the capability to change the surge pressures in the system. Longhorn will be required to submit mitigation measures acceptable to DOT/OPS prior to any such change in the system, which mitigation measures will adequately address any MASP problems on the system identified by the surge pressure analysis.	Prior to any change in the system that has the capability to cause surge pressures to occur on the system	We completed the surge analysis for the delivery from Galena Park into the East Houston Terminal. The analysis indicates that no additional or modified overpressure protection measures are required. - East Houston to El Paso Operation - Galena Park to El Paso Operation - Galena Park to East Houston Operation
32	Longhorn shall perform pipe-to-soil potential surveys semi-annually over sensitive and hypersensitive areas (which is twice the frequency required by DOT regulations - 49 C.F.R. 195.416) and corrective measures will be implemented, as necessary, where indicated by the surveys. See LPSIP Section 3.5.1.	No more than six months after startup and semi-annually thereafter.	Semi-annual pipe-to-soil potential surveys for 2010 have been completed and mitigative actions are in progress.
36	Longhorn shall prepare site-specific environmental studies for each new pump station planned for construction. These studies shall be responsive to National Environmental Policy Act requirements as supplements to the Environmental Assessment of the Proposed Longhorn Pipeline System. For each such pump station, Longhorn shall submit the site-specific environmental study to the U.S. Department of Transportation no less than 180 days prior to commencement of construction.	Prior to construction of any new pump station.	Site Specific Environmental Study Reports (SSESRs) were prepared for four new pump station locations and submitted to DOT/OPS in 2009. The four new pump station locations are Warda, Eckert, Barnhart and Cottonwood. No definitive plans for pump station construction are in place at this time
Lower Colorado River Authority (LCRA) Settlement Agreement			
	Addition to Longhorn Mitigation Item 3: Longhorn will replace approximately six miles of existing pipeline in the Pedernales River watershed that is characterized as having a time of travel for a spill from Lake Travis of eight hours or less. Pipeline segments having this characteristic are approximately as follows: Segment 1 - 9968+64 to 10057+00, Segment 2 - 10107+00 to 10142+00, Segment 3 - 10179+00 to 10209+00, Segment 4 - 10275+00 to 10375+00, and Segment 5 - 10459+00 to 10509+00. Segment 5 crossing the Pedernales River will be completed prior to the date of pipeline startup. Horizontal directional drill construction methods will be used to install the section of pipe under the Pedernales River. Segments 1 through 4 will be replaced as determined by the LPSIP and ORA, but in any case no later than seven years from the startup date.	Prior to startup for Segment 5 and as determined by the ORA for Segments 1 through 4 but no later than 7 years from startup.	Timing of the pipe replacements is to be determined by the ORA, but the replacements shall occur not later than 7 years from system startup. The 2009 Annual ORA Report made no recommendations to change this interval. Plans are in place to replace the referenced existing pipe in 2011.
	Item 6: Full scale drill during storm conditions when flows for the Pedernales River at the Johnson City gauge approach or exceed approximately 5,000 cfs.	Three drills within the first 5 years after system startup, with the first drill occurring after the first 6 months following system startup.	This commitment has been met.

Longhorn Mitigation Plan
Commitment Implementation Status Report
Annual - 2010

Mitigation Item No.	Description	Timing	Status of Commitment Implementation
3a	Plans and specifications sealed by a professional engineer in Texas that details modifications necessary to public water systems that are regulated by TNRCC (or any successor agency) that take water from Lake Travis. Resealing should occur once every five years. Last resealed in December 2007. Next update: December 2012	Once every 5 years	Last resealed in December 2007. Next update: December 2012.
	Describe any emergency drills and results from those drills within the Colorado River basin (City of Austin, Pedernales River watershed and Bastrop County) during this reporting period.	Annually	We conducted two Full-Scale Exercises in Bastrop on October 27th and 28th, 2010. The exercises combined a code red drill in Operations Control with a deployment exercise and a spill management team exercise in the field. The field drill was on the Colorado River just south of Bastrop, simulated a release between MP 139 and MP 140. After Action reviews were conducted; no recommended improvements were identified.
	Describe any maintenance, inspections, smart pigging, repairs, upgrades to the pipeline within the Colorado River basin (City of Austin, Pedernales River watershed and Bastrop County) during this reporting period. Colorado River Basin identified as MP 94.45 to MP 426.8 which includes ILI segments of Satsuma to Warda (last 18.5 miles), Warda to Cedar Valley, Cedar Valley to Eckert, Eckert to Ft. McKavett, and Ft. McKavett to Crane (first 102 miles)	Annually	<ul style="list-style-type: none"> - Galena Park - Satsuma: EGP ILI 9/11/09, UTWM ILI 9/22/09 - Satsuma-Warda: EGP ILI 10/12/09, UTWM ILI 11/24/09 - Warda-Cedar Valley: EGP ILI 12/19/09, UTWM ILI 1/24/10 - Cedar Valley-Eckert: EGP ILI 1/25/10, UTWM ILI 2/20/10 - Eckert-Ft. McKavett: EGP ILI 3/27/10, UTWM ILI 6/25/10 - Ft. McKavett-Crane: EGP ILI 8/5/10, UTWM ILI 7/8/10 <p>In 2010, 92 out of 139 digs were completed in the Colorado River basin from these ILI's.</p>
Operational Reliability Assessment			
	The ORA will provide Longhorn with an annual technical assessment of the actual effectiveness of the overall LPSIP. The ORA will provide feedback on the adequacy, frequency, and additional element criteria of the evaluation plan, which includes use of internal inspection devices, hydrotests, and other mechanical integrity assessment and confirming processes and technologies. The ORA results will be factored back into the LPSIP and will be integrated into the ongoing program.	Annually, or per event as defined in LMP	OPS approved Kiefner and Associates, Inc., as the independent, third-party ORA contractor. The Summary Report of the 2009 ORA Developments has been posted to the Magellan Midstream Partners website at www.magellanlp.com under the "Longhorn Pipeline Assets" tab. The 2010 Annual ORA report will be submitted to PHMSA in 2011 once complete.
Longhorn Pipeline System Integrity Plan			
	The LPSIP consists of certain specific "Process Elements." The descriptions and program attributes of the Process Elements reflect action "over and above" those specified and required under various regulations and statutes, such as DOT's Title 49 C.F.R. Part 195. Implementation of the "Process Elements" will ensure that Longhorn will effectively identify, analyze, and responsibly manage the most important threats to and risk of the Longhorn Pipeline System.	Continuously - Operations Annually - Self Audit	The 2009 LPSIP Annual Self-Audit was provided to PHMSA and is available to the public on the Magellan Midstream Partners website at www.magellanlp.com under the "Longhorn Pipeline Assets" tab. The 2010 Self Audit is scheduled for completion and submittal to DOT/OPS in 2011 once complete.
Relative Risk Assessment Model			
	The Relative Risk Assessment Model (Model) is designed to automatically prioritize and sort pipeline segments in accordance with their scored relative risk in relation to all other segments. Changes in the surrounding population, the environment, or mechanical attributes of the pipeline are updated in the model as new information is available and the Model is rerun.	Annually, or per event as defined in LMP	The Model is updated periodically as new data becomes available.