

## Pipeline Meeting Minutes –August 17, 2009

*(Meeting was organized by Carol Parker, who could not attend for medical reasons. Bill Patterson hosted the meeting at his house, 01 Arcoiris Road, Placitas, NM)*

Attendees (list may not include everyone):

Bill Patterson, Host, Placitas Resident, Cedar Creek Homeowners Assoc., 867-2999

Dan Dennison, ESCAFCA, Placitas, Cedar Creek HA, 771-2211

Several Homeowners from Cedar Creek HOA

Sal Reyes, ESCAFCA, Algodones, 553-2565

Larry Blair, ESCAFCA, 249-1035

John Pepper, USDOT Office of Pipeline Safety, Houston, TX, 713-272-2849

Bruno Carrera, NM Pipeline Safety Bureau

Neal Schafer, NM Environment Dept., Surface Water Quality Bureau, 505-476-3017

Reid Bandeen, Hydrologist Consultant, Las Placitas Assoc., Author of WRAS Report

Matt Schmader, Albuquerque Open Space Division

Scott Muston, Kinder Morgan, Houston, TX, 432-688-2334

John Salas, Kinder Morgan, Cortez, CO

Steve Brown, Kinder Morgan, Bernalillo, NM

Robert Morris, Enterprise

Mike Johnson, Enterprise

Chuck Lee, Enterprise

Dennis Andrews, Enterprise, 713-381-7507

Situation:

1. Cedar Creek Homeowners Association members are concerned that gas and petroleum lines along and in Las Huertas Creek are vulnerable to erosion, exposure, and possible failure, especially during flood events.
2. Several lines are in the corridor: (list may not be accurate).
  - a. 30-inch CO2 line, approx. 2100 psi; owner Kinder Morgan
  - b. 2-12 inch natural gas liquid lines, 1650psi; owner Enterprise
  - c. 1-8 inch refined product line (gasoline, diesel, etc); owner Enterprise
  - d. 1-6 inch natural gas line(?); tar covered, not in service; owner NM Gas Company
  - e. 1-Unknown size, not in service; owner Giant(?)
  - f. 1 unknown size; owner Shell (?)
3. Some lines have been in place for decades.
4. Erosion and exposure has occurred in the past; no breaks have occurred; remedial measures have included gabion basket bank armoring and articulated concrete mats.
5. Pipeline companies are self-insured.
6. Lines are monitored for pressure drop. Kinder Morgan does an aerial inspection every two weeks. Problems are investigated within minutes or hours.
7. Storm events occur with little warning. Two large events are within recent memory: a 1990 storm which Bill Patterson estimated at 8000-cfs near his house; and a 2006 storm which washed out roads crossings and exposed pipelines.
8. Homebuilding along Las Huertas Creek started 20+ years ago, and has been accelerating in recent years. Several (many?) properties are on or adjacent to the pipeline ROW.

Suggested Remedies:

1. Worry
2. Have meetings
3. Buy insurance (?)
4. Relocate lines
5. More and better protection over the lines
6. Conduct an engineering analysis to determine potential problems and solutions.

Course of Action:

1. ESCAFCA Chairman Sal Reyes stated that because Las Huertas Creek is a major watershed in ESCAFCA's jurisdiction, it is appropriate for ESCAFCA to take the lead in addressing the situation.
2. ESCAFCA has just initiated an engineering study, called "Las Huertas Creek Prudent Line Study". This study will predict, with some certainty, how the creek will behave over a 30-year time span of "typical" storm events, and a one-percent (100-year) storm event. Results will include expected lateral bank erosion, scour and deposition, and other elements. The effects of existing structures, both natural and man-made, are taken into account, as well as the nature of flood flows and geologic and soil conditions. Included in the final product will be lines on each side of the creek showing predicted lateral erosion; "hard points" which are resistant to erosion; locations and estimates of scour and deposition; and proposed structural or other solutions, should present or future development warrant. The pipeline corridor will be a necessary part of the analysis and study. The limits of the study are expected to be from Camino de Tecolote downstream to the Albuquerque Open Space. Time frame for completion of the study is about one year, or winter 2010.
3. Chairman Reyes also called for the creation of a Work Force Committee, with the following tasks:
  - A. Work together and with property owners to identify concerns
  - B. Collaborate with ESCAFCA on its study.
  - C. Assist in public input
  - D. Consider and recommend appropriate actions.
4. The committee appointed is:
  - Dan Dennison, ESCAFCA and resident, Work force Chairman and Coordinator  
505-771-2211 [dtdan@swcp.com](mailto:dtdan@swcp.com)
  - Carol Parker, resident  
505-867-0778 [cmparker822@gmail.com](mailto:cmparker822@gmail.com)
  - Bill Patterson, resident  
505-867-2999 [legalecon@msn.com](mailto:legalecon@msn.com)
  - John Pepper, USDOT Office of Pipeline Safety  
713-272-2849 [John.Pepper@dot.gov](mailto:John.Pepper@dot.gov)
  - Neal Schaeffer, NMED Surface Water Quality Bureau  
505-476-3017 [neal.schaeffer@state.nm.us](mailto:neal.schaeffer@state.nm.us)
  - Scott Muston, Kinder Morgan  
432-688-2334 [scott\\_muston@kindermorgan.com](mailto:scott_muston@kindermorgan.com)
  - Dennis Andrews, Enterprise  
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