

**Pine Gulch OSP Update for Pine Gulch Dam  
Meeting Minutes  
January 15, 2010  
Town of Parker**

**Date:** January 15, 2010, 1:30pm – 2:30pm.

**Location:** Town of Parker Town Hall

**Attendees:** Shea Thomas, UDFCD  
Tom Williams, Town of Parker  
Garth Englund, Douglas County  
Frank Lan, URS  
Greg Glunz, URS  
John Griffith, URS  
John Andrew, NRCS  
Dave\_\_\_(?), Douglas County NRCS Conservation Board

**Discussion Topics:**

1. Project Progress

*Frank mentioned that the draft Dam Breach and Hazard Classification Report was sent to Mark Haynes of SEO on January 12, 2010. Prior to that, Greg had sent the modeling results to SEO in early December. Frank also presented a copy to each of the stakeholders at the meeting.*

*Frank reported that the baseline hydrologic analysis is in progress and will be done the following week. Frank presented the preliminary results from the analysis, which indicates:*

- *The culverts under Pine Drive and Main Street are not large enough to pass either the 50-year or 100-year floods without overtopping the roads, under both the existing and future conditions.*
- *The flow at Pine Drive would be increased by about 180 cfs without the dam as compared to with the dam in place under the future condition.*

*Tom confirmed that the watershed boundary along the east side of the current open space east of Pine Drive needs to be re-defined. Tom sketched out the correct boundary that will be used in the final basin delineation.*

*Frank reported that the geotechnical drilling is scheduled to take place on January 25-26, 2010. URS has contacted the owners and it does not appear to be a problem. One house is currently vacant and no contact was made.*

*The project website has been up and running since December 18, 2009. The website address is [www.pinegulchdam.com](http://www.pinegulchdam.com)*

## 2. ROW and Easement

*Garth presented the current situation with dam ROW and easement. Neither the County nor the Town currently has ROW or easement for the Dam. It appears that the easement was “quit claimed” to the Conservation District in 1979. Garth will ask the County’s ROW staffs to work on this issue.*

*John and Dave indicated that NRCS should have dam maintenance records. NRCS also has a “dam rehab” program with funding for upgrades and rehabilitation of the structure.*

## 3. Alternative Analysis

*Since current conveyances through Pine Drive as well as Main Street are undersized for the 100-year flows, alternatives will include adding detention upstream of these two main cross roads as well as increasing conveyance capacity along the flow path. Suggestions include:*

- *Detention upstream of Pine Drive*
- *Detention upstream of Talon Drive and downstream of the dam*
- *Greg suggested that one alternative analysis should include sizing the culverts/pipes with the open space excluded from the model.*

*John Griffith mentioned that the utilities along the major flow path should be looked in the conceptual design. Tom indicated that overhead power was likely the biggest issue but would provide GIS information on utilities in the area.*

*Design reports for Main Street, Pine Dr., Parker Vista sub-division, and the church along Pine Dr. are available for reference.*

## 4. Project Schedule Update

*Current progress is slightly behind initial schedule and the final report will likely be pushed to July instead of June.*

*Updated Schedule:*

- *Geotech Work – January 25-26, 2010*
- *Dam Hazard Classification Report – Sent to SEO*
- *Hydrology Analysis Memorandum – January 22, 2010*
- *Alternative Analysis Memorandum – February 19, 2010*
- *Conceptual Design – March 12, 2010*
- *Public Presentation – To be determined after the Conceptual Design*
- *Draft Final Report – May 21, 2010*

- *Final Report – July 30, 2010*

5. Other Issues:

*Survey of outlet pipe – John Andrew mentioned that the outlet pipe should be surveyed in addition to the geotechnical survey of the dam embankment.*

*Support from NRCS – John Andrew mentioned that NRCS could provide technical and financial support to upgrading and maintaining the dam if the stakeholders determine that the dam provides benefits to the Town and County. NRCS could possibly provide financial support for a survey of the outlet pipe.*

**Action Items:**

*Frank/Greg - Follow-up with SEO on the Hazard Classification.*

*Frank - Meeting minutes the following week.*

*Tom – Provide GIS information on existing utilities to URS. Provide previous development drainage plan for Parker Vista sub-division and the drainage reports for the sizing of the current culverts through Pine Drive and Main Street.*

*Garth – Follow-up with ROW experts to clear ROW/Easement issues. Also, provide design reports for Talon Dr. and the church (Eagle Point Subdivision).*

**Next Meeting:**

*To be determined.*