

LHAAP Perimeter Well Monitoring – Perchlorate Data

Groundwater samples are currently collected annually from four wells and semi-annually from two wells on the LHAAP perimeter.

Historic Perimeter Well Sample Data (in micrograms per liter)

| Well ID | Jun 2005 | Sep 2005 | Sep 2006 | May 2007 | Aug 2007 | Dec 2007 | Mar 2008 | Sep 2008 | May 2009 | Sep 2009 | Mar 2010 |
|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 108 | NS | NS | 10 U | NS | 0.5 U | NS | NS | 2.5 U | NS | 1.2 U | NS |
| 110 | NS | NS | 10 U | NS | 10 U | NS | NS | 5.0 U | NS | 6 U | NS |
| 111 | NS | NS | 4 U | NS | 0.5 U | NS | NS | 0.5 U | NS | 0.3 U | NS |
| 112 | NS | NS | 5 U | NS | 3 U | NS | NS | 2.0 U | NS | 3 U | NS |
| 133 | 0.541 | 0.597 | 1.08 | 1 U | 1.09 | 0.5 U | 0.5 U | 0.5 U | 0.47 J | 0.32 | Dry |
| 134 | 0.881 | 0.725 | 0.708 J | 1 U | 0.949 J | 0.5 U | 0.5 U | 0.829 U | 0.04 J | 0.3 U | 0.3 U |

| Well ID | Sep 2010 | Mar 2011 | Sep 2011 | Oct 2012 | Mar 2013 | Jun 2013 | Apr 2014 | Jun 2014 | Dec 2014 | Jun 2015 |
|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 108 | 3 U | NS | 0.1 U | 0.2 U | 0.2 U | NS | NS | 0.2 U | NS | 0.566 |
| 110 | Dry | NS | Dry | 0.535 | 0.2 U | NS | NS | 0.2 U | NS | 2U |
| 111 | Dry | NS | Dry | Dry | 1.32 | NS | NS | Dry | NS | 0.2U |
| 112 | 3 U | NS | 0.26 | 0.2 U | 0.2 U | NS | NS | 0.458 | NS | 2U |
| 133 | 0.32 | Dry | 0.68 | 0.598 | 0.655 | 0.685 | 0.988 | 0.887 | 0.665 | 0.692 |
| 134 | 0.45 | 0.636 | 1.11 | 0.671 | 0.698 | 0.706 | 0.863 | 0.989 | 0.890 | 1.11 |

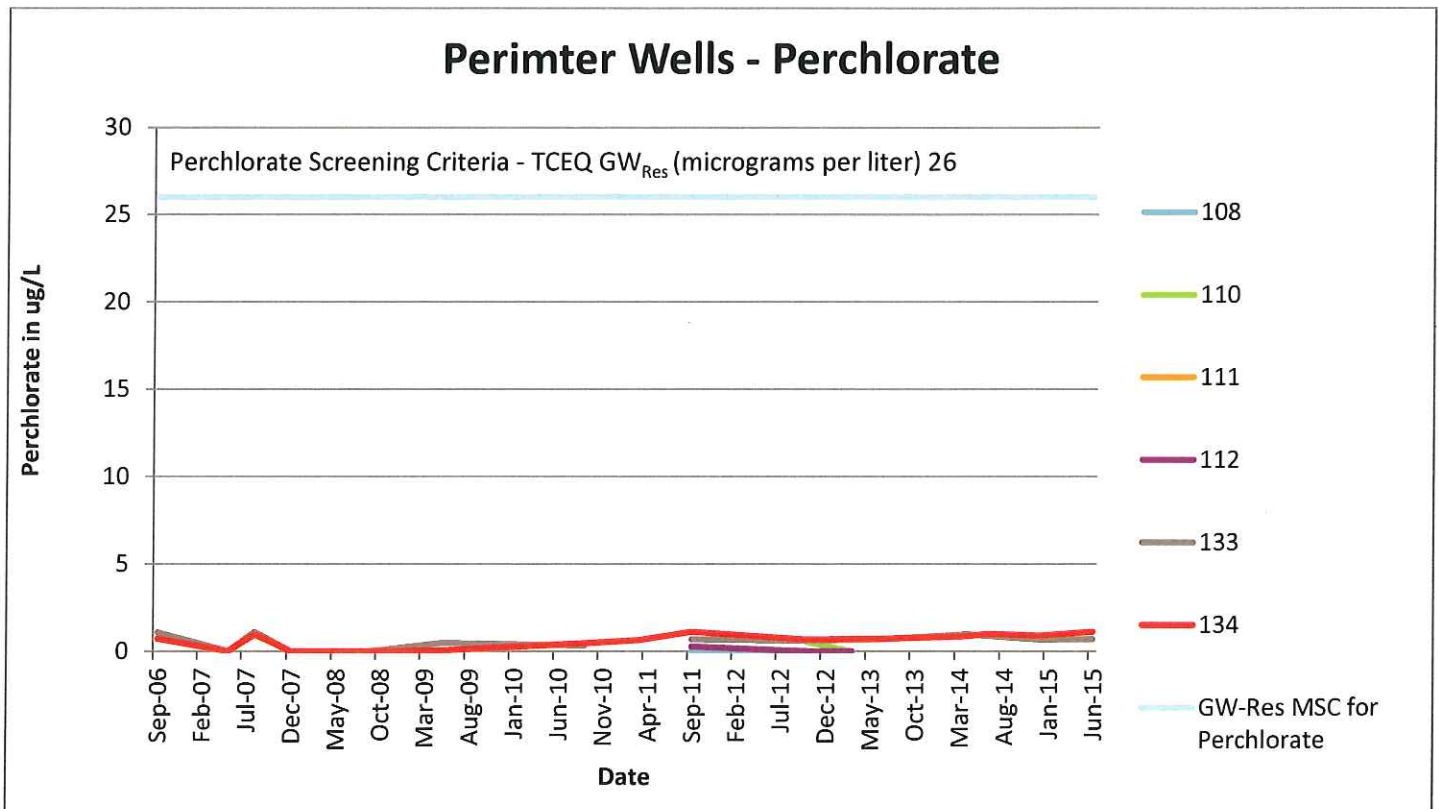
Notes:

J – Estimated

U – Non-Detect

Dry – Well Dry

NS – Not Sampled



Longhorn Army Ammunition Plant Map with Perimeter Well Locations

