Weekly Activity Report – Kirtland AFB Bulk Fuels Facility (SS-111, ST-106)

**SVE System Status**

- System ordered from vendor – 3 August 2012
- Emergency Air Permit – Approved by AEHD 31 August 2012, public notice on 5 September 2012
- Submittal of Phase II Remediation Interim Measure Plan to the NMED – 6 December 2012 (revised from 10 October 2012)
- Installation of utilities (electrical and natural gas) began on 30 October 2012
- SVE System Operation begins – 22 January 2013 (revised from 28 December 2012)
- Air permit – estimated delivery date to AEHD on 16 December 2013 (will submit ahead of NMED approval of PRIMP per request from AEHD)

**Current Week: 3 July – 10 July 2013**

- Began groundwater sampling for 3rd Quarter 2013
- Continued operation of SVE system
- Continued to work with manufacturer to provide timeline for completion of destruction rate repairs.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Completed to date (includes casing placement)</th>
<th>Total Number Planned</th>
<th>Percent Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater Wells*</td>
<td>87</td>
<td>87</td>
<td>100%</td>
</tr>
<tr>
<td>Direct Push Soil Sampling (does not include step out sampling)</td>
<td>306</td>
<td>306</td>
<td>100%</td>
</tr>
<tr>
<td>Direct Push Soil sampling (Step outs – 1st phase)</td>
<td>18</td>
<td>18</td>
<td>100%</td>
</tr>
<tr>
<td>Direct Push Soil Sampling (Additional step outs)</td>
<td>37</td>
<td>41</td>
<td>90% – 4 locations too close to underground electric utilities to be safely sampled</td>
</tr>
</tbody>
</table>

*Wells reported are specific to those installed on current PBC Contract (2011 and 2012 drilling campaigns; actual number of groundwater wells sampled for characterization is 107 (does not include 9 new monitoring wells)
3rd Quarter 2013 Pre-Remedy Monitoring

<table>
<thead>
<tr>
<th></th>
<th>Number Sampled</th>
<th>Total</th>
<th>Percent Complete</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater Monitoring Wells\a</td>
<td>9</td>
<td>117</td>
<td>7.7%</td>
<td></td>
</tr>
<tr>
<td>Soil Vapor Monitoring Wells</td>
<td>0</td>
<td>287</td>
<td>0%</td>
<td>Will begin mid-August</td>
</tr>
<tr>
<td>Production Wells</td>
<td>0</td>
<td>4</td>
<td>0%</td>
<td>Well KAFB 15 is no longer being run due to No\textsubscript{x} emissions exceedences and the well shaft engine at KAFB 16 is not operational; samples cannot be collected</td>
</tr>
</tbody>
</table>

Look Ahead: Week of 10 July – 17 July 2013

- Continue to work with manufacturer to provide timeline for completion of destruction rate repairs.
- Continue groundwater sampling for 3rd Quarter 2013
- Collect gas bubble samples from KAFB-106205 and KAFB-106206
- Begin collection of Compound Specific Isotope Analysis (CSIA) and microbe samples at 35 well locations

Month Ahead:

- Continue groundwater sampling for 3rd quarter 2013
- Submit letter response to NMED letter dated 1 February 2013 regarding the Second Quarter 2012 report dated 1 February 2013
- Submit letter response to NMED letters regarding geophysical logging
- Submit letter response to NMED letter regarding Pneulog testing
- Complete SVE system repairs to restore destruction rate
- Continue CSIA and microbe sampling