RP Radioanalysis Laboratory Report

Sample Details

<table>
<thead>
<tr>
<th>Sample</th>
<th>Date Taken</th>
<th>Taken By</th>
<th>System Name</th>
<th>Sample Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>L16130</td>
<td>6/27/2008</td>
<td>MCCULL</td>
<td>IR 02 OTHER</td>
<td>Water (sewer)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>100 SS</td>
<td>IR-02 Disc Chiller</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Decommissioning</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nuclide</th>
<th>Activity</th>
<th>Units</th>
<th>Error (1σ%)</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;NDA-LSC&quot;</td>
<td>0</td>
<td>pCi/Liter</td>
<td></td>
<td>L16130</td>
</tr>
<tr>
<td>&quot;NDA-GS&quot;</td>
<td>0</td>
<td>pCi/Liter - GS</td>
<td></td>
<td>L16130</td>
</tr>
</tbody>
</table>

1) "NDA-LSC" in the nuclide column indicates that no detectable activity greater than background was found in the sample using Liquid Scintillation Counting methods. "NDA-GS" in the nuclide column indicates that no detectable activity greater than background was found using Gamma spectroscopy.

2) Gamma spectroscopy results are based on the sample having the same volume, density, shape, etc. as the calibration standard. For samples that have other physical characteristics, the listed activity must be treated as highly approximate.

3) All necessary quality control checks were carried out, and the instrumentation used for those analyses performed satisfactorily. See SLAC-I-7602A39C-006 and SLAC-I-7602A39C-009 for details.

Instrumentation used (check all that apply): LSC [ ] HPGe (Gamma Spectroscopy) [ ]

Signature [Signature] Date 6-30-08

Radioanalysis Laboratory Operator

Signature [Signature] Date 7-16-08

Radioanalysis Laboratory manager (or designee)

Monday, June 30, 2008
RP Radioactivity Analysis Form

**Sample Number:**

**Date of Sample:**

**Sample Description:**

**HAZARDS:**

- [ ] Chemical
- [ ] Biological
- [ ] Radioactive
- [ ] Organic
- [ ] Corrosive
- [ ] Ignitable
- [ ] Spent
- [ ] Diisocyanate
- [ ] Used with UCC

**Reason for Sample**

- [ ] Radioactive
- [ ] Rad Waste
- [ ] Rad Waste Flash
- [ ] Red Flash
- [ ] X-Ray
- [ ] Sample Only
- [ ] HC Discharge
- [ ] Split
- [ ] OA 1500 / WC 250

**Job Type:**

- [ ] Decommissioning
- [ ] Decommissioning
- [ ] Decommissioning
- [ ] Decommissioning

**Sample and RP Approval Required**

- [ ] BOC/Sump
- [ ] BOC/Sump
- [ ] BOC/Sump
- [ ] BOC/Sump
- [ ] BOC/Sump
- [ ] BOC/Sump
- [ ] BOC/Sump
- [ ] BOC/Sump
- [ ] BOC/Sump

**Discharge Information:**

- Gallons (Prior to Discharge):
- Start Time:

**Sample and RP Approval Not Required**

<table>
<thead>
<tr>
<th>PEI</th>
<th>Linear Systems</th>
<th>Gallery (SYS)</th>
<th>Other Systems</th>
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<tbody>
<tr>
<td>BOC/Sump</td>
<td>01 Sector</td>
<td>01 Sector</td>
<td>BOC/Sump</td>
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<tr>
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<td>15 Sector</td>
<td>15 Sector</td>
<td>BOC/Sump</td>
</tr>
</tbody>
</table>

**Discharge Information:**

- Gallons to be Discharged:
- Total Time:

**Radiation Protection Field Operations USE ONLY:**

- Liquid
- Solid
- Dry Sample
- Irradiation
- OSHA/BE105
- Other

**Radiation Protection Analysis and Approval**

**Radiation Protection Analysis Only**

<table>
<thead>
<tr>
<th>RP Lab Permission to Discharge</th>
<th>RP Lab Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature</td>
<td>Signature</td>
</tr>
</tbody>
</table>

**Comments:**

- [ ] Sample bottle returned for disposal
- [ ] Hazardous sample returned
- [ ] Solid sample returned