

LIQUID EFFLUENT

Idaho Nuclear Technology and Engineering Center (INTEC) New Percolation Ponds Results for 2004

The WLAP for INTEC New Percolation Ponds (LA-000130-03) requires that the effluent (CPP-797) to the ponds be sampled monthly for the following parameters:

INTEC Service Waste (CPP-797)	
Daily flow	Cadmium
Total Kjeldahl nitrogen	Nitrite as nitrogen
Nitrate as nitrogen	Chromium
pH	Copper
Total phosphorus	Iron
Total dissolved solids	Manganese
Chloride	Mercury
Fluoride	Selenium
Aluminum	Silver
Arsenic	Sodium

However, the permit does not specify concentration limits for the effluent to the ponds. The permit specifies a flow limit of 1,095 million gallons/permit year. For the INTEC New Percolation Ponds, the permit year runs from November 1 through October 31. At the end of the second quarter of Calendar Year 2004, the total permit year flow was approximately 287 million gallons.

During the first quarter of 2004:

- All permit-required parameters for the effluent were within historical ranges.
- There were no permit noncompliances.

During the second quarter of 2004:

- All permit-required parameters for the effluent were within historical ranges.
- There were no permit noncompliances.

FOR MORE INFORMATION

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