



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor  
Toni Hardesty, Director

**VARIANCE FROM IDAHO WATER QUALITY AQUATIC LIFE CRITERIA FOR  
CADMIUM , LEAD AND ZINC**

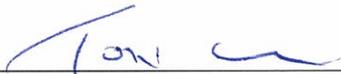
Pursuant to IDAPA 58.01.02.260, the Idaho Department of Environmental Quality (DEQ) is granting a variance from the Idaho water quality criteria for the protection of aquatic life for cadmium, lead and zinc to:

City of Smelterville  
Smelterville Wastewater Treatment Plant  
Smelterville, Idaho  
National Pollutant Discharge Elimination System (NPDES) Permit ID-002011-7

This variance shall become effective at midnight on July 30, 2009.

This variance shall expire at midnight, July 30, 2014.

Signed this 5<sup>th</sup> day of June, 2009

  
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Toni Hardesty  
Director

I. Variance Conditions

The permittee is granted a variance from Idaho Water Quality Standards for cadmium, lead, and zinc for the South Fork Coeur d'Alene River, waterbody unit P-1 in HUC 17010302. The variance is granted subject to the following conditions:

A. Alternate Metals Limits

The permittee shall comply with the following effluent limitations during the term of the variance:

Smeltonville Wastewater Treatment Plant Limits

Parameter	Maximum Daily Limitation		Average Monthly Limitation	
	ug/l	lbs/day	ug/l	lbs/day
Cadmium, total recoverable	29.8	0.30	17.5	0.19
Lead, total recoverable	85	0.18	46	0.096
Zinc, total recoverable	3490	7.0	1994	4.0

B. Reasonable and Further Progress towards achieving the Water Quality Standards

The permittee must demonstrate reasonable progress toward achieving Water Quality Standards by executing the 'Plans for Future Progress' to reduce inflow and infiltration as set out in their February 19, 2009 request for variance, as amended May 27, 2009. (See Smeltonville Variance Request\_Revised 5-27-09.pdf). Actions to be taken consist of the following:

1. Complete the replacement of 88 service laterals on private property.
2. After compiling four (4) years of WWTP flow data, enter into negotiations with the South Fork Coeur d'Alene River Sewer District (SFCDRSD) about connecting into the SFCDRSD Page WWTP.
3. Provide annual reports to DEQ and EPA on the progress made in completing these actions and other I/I removal related matters that may come up

Reports are due within sixty (60) days of the anniversary date of this variance.

II. Variance Term and Renewal

The term of this variance is five (5) years from July 30, 2009. The variance may be renewed if the applicant reapplies and demonstrates they have met the requirements contained in IDAPA 58.01.02.260.