



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

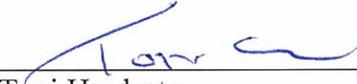
Pursuant to IDAPA 58.01.02.260, the Idaho Department of Environmental Quality (DEQ) is granting a variance from the Idaho water quality criteria for the protection of aquatic life for cadmium, lead, and zinc to:

South Fork Coeur d'Alene River Sewer District (SFCDRSD)
Page Wastewater Treatment Plant
Smelterville, Idaho
National Pollutant Discharge Elimination System (NPDES) Permit ID-002130-0

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

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

Signed this 5th day of June, 2009.



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:

Page Wastewater Treatment Plant Limits @ Discharge Flow \leq 4.3 MGD

Parameter	Maximum Daily Limitation		Average Monthly Limitation	
	ug/l	lbs/day	ug/l	lbs/day
Cadmium, total recoverable	8.3	0.30	5.3	0.19
Lead, total recoverable	96	3.4	63	2.2
Zinc, total recoverable	1340	48	802	29

Page Wastewater Treatment Plant Limits @ Discharge Flow $>$ 4.3 MGD

Parameter	Maximum Daily Limitation		Average Monthly Limitation	
	ug/l	lbs/day	ug/l	lbs/day
Cadmium, total recoverable	8.8	0.32	5.3	0.19
Lead, total recoverable	182	6.5	84	3.0
Zinc, total recoverable	1340	48	802	29

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 schedules of wastewater collection system improvements to reduce inflow and infiltration as set out in their February 26, 2009 request for variance, as amended May 27, 2009. (See SFSD Variance Justification_Revised 5-27-09.pdf, Attachment D, Service Lateral Repair Fund Program). Specifically the SFCDRSD will carry out the following actions with regard to the Page WWTP:

1. Apply for STAG funds that will be used for sewer line replacement work in the Elizabeth Park collection system which is owned by the SFCDRSD.
2. Work with the city of Kellogg to complete a compliance schedule. Once a compliance schedule is in place, monitor and report on the progress made by the city of Kellogg.

3. Monitor and report on the progress made by the cities of Osburn and Wallace on I/I removal projects presented in the compliance schedules that were included in the Variance Request.
4. Work with DEQ on a demonstration wetlands treatment system to determine the effectiveness of wetlands treatment for metals removal.
5. Repair at least five (5) manholes per year to eliminate an estimated 2.5 million gallons of I/I per year per manhole.
6. 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.