



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101-3140

Reply To OWW-130

AUG 20 2008

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Edgar McCall
McCall Oil and Chemical Corporation
5480 Northwest Front Avenue
Portland, OR 97210-1116

Mr. Michael Backe, P.G.
Principal Hydrologist
Olympus Technical Services, Inc.
5956 West Victory Road
Boise, ID 83709

Re: Coverage for the Former Great Western Chemical Company Facility under the National Pollutant Discharge Elimination System (NPDES) General Permit for Groundwater Remediation Discharge Facilities in Idaho - NPDES Permit No. ID-G91-0005

Dear Messrs. McCall and Backe:

This letter authorizes the groundwater remediation facility at the former Great Western Chemical Company to discharge to a City of Nampa storm drain, which ultimately discharges to Mason Creek, then to the Boise River. Enclosed are the effluent limitations and monitoring requirements for the facility. The permit number assigned to this facility is ID-G91-0005. Please use this number in all future correspondence and reports.

Groundwater remediation facilities discharging under the authority of the NPDES general permit must keep a copy of the permit at the remediation facility where the discharge occur, or retain a copy of the permit at the nearest administrative or field office managing the remediation operations.

If you have any questions regarding this permit please contact Hanh Shaw of my staff at (206) 553-0171 or shaw.hanh@epa.gov.

Sincerely,

Michael J. Lidgard, Manager
NPDES Permits Unit

Enclosure

cc: Johnna Sandow, IDEQ State Office
Craig Shepard, IDEQ Boise Regional Office

EFFLUENT LIMITATIONS, MONITORING AND REPORTING REQUIREMENTS

A. Effluent Limitations

1. During the effective period of this general permit, the permittee is authorized to discharge subject to the restrictions set forth herein. This general permit does not authorize the discharge of any waste streams, including spills and other unintentional or non-routine discharges of pollutants, that are not part of the normal operation of the facility as disclosed in the permit application and/or NOI, or any pollutants that are not ordinarily present in such waste streams.
2. The permittee must not discharge hazardous materials in concentrations that pose a threat to public health or impair the beneficial uses of the receiving water.
3. The permittee must not discharge chemicals or toxic pollutants in concentrations that impair the beneficial uses of the receiving water.
4. The permittee must not discharge deleterious materials in concentrations that impair the beneficial uses of the receiving water.
5. The permittee must not discharge floating, suspended or submerged matter of any kind in concentrations causing nuisance or objectionable conditions or that may impair the beneficial uses of the receiving water.
6. The permittee must not discharge excess nutrients that can cause visible slime growths or other nuisance aquatic growths impairing beneficial uses of the receiving water.
7. The effluent pH range must be between 6.5 and 9.0 standard units.
8. The default criteria is cold water, therefore, the maximum temperature limit of 19°C applies to the discharge. However, if natural background temperatures in the receiving water are above 19°C, then the discharge may not raise water temperatures more than 0.3°C above the natural condition based on seasonal temperature variability.
9. Discharges must comply with the effluent limitations and monitoring requirements in Table 1.
10. Dilution of effluent as a form of treatment, or as a means of complying with concentration-based effluent limitations is prohibited.

Table 1. Effluent Limitations and Monitoring Requirements

Parameter	Effluent Limit	Monitoring Frequency	Sample Type
Total Suspended Solids (TSS)	30.0 mg/l	Quarterly	grab
1,1 Dichloroethane (1,1-DCA)	810 µg/l	Quarterly	grab
1,1 Dichloroethene (1,1-DCE)	0.057 µg/l ¹	Quarterly	grab
1,2 Dichloroethene (1,2-DCE)	70 µg/l	Quarterly	grab
Tetrachloroethylene (PCE)	0.8 µg/l	Quarterly	grab
1,1,1 Trichloroethane (1,1,1-TCA)	200 µg/l	Quarterly	grab
Trichloroethylene (TCE)	2.7 µg/l	Quarterly	grab
Flow	Report	Continuous	recording
Temperature	See A.8 (above)	Quarterly	grab
pH	6.5 – 9.0 s.u. (at all times)	Quarterly	grab

¹ Compliance limit of 0.5 µg/l is set equal to the minimum level (ML) in Attachment B of the permit.