

**Colorado Discharge Permit System Regulations (Regulation No. 61)**

**CERTIFICATION**

*under*

**GENERAL PERMIT FOR MINIMAL INDUSTRIAL DISCHARGE (SIC No: 1629)**  
 Category 26, Subcategory 2, General Permits, Current fee \$630/long term (CRS 25-8-502)

This certification specifically authorizes Powertech Uranium USA to discharge as described below. All correspondence relative to this facility should reference the specific facility number, COG-600988.

**Permittee**

Powertech Uranium USA  
 6200 South Troy Circle, Ste. 150  
 Centennial, CO 80111

**Contacts**

Richard Blubaugh, Vice President  
 Phone: 303-790-7528  
 Lane Douglas, Project Manager  
 Phone: 303-790-7528

**Project Name, Activity and Location**

Well Pump Test—Groundwater will be pumped from the well at the Centennial Uranium Facility under this certification. The well pump test will be conducted in Nunn, (Weld County) Colorado.

**Discharge Point**

The well pump test discharge will be discharged at Longitude: -104° 53 '38 W and Latitude: 40° 42' 28 N.

<b>Discharge Point</b>	<b>Description</b>	<b>Estimated Flow Rate</b>
001A	The well pump test water will be discharged to reserve pits and will be allowed to dissipate to a field. The field gradient leads to Spring Creek. Straw bales, silt fences, and energy dissipators will be used as necessary.	Max = 50 GPM

\*With permission from the field owner

**Effluent Limitations**

The discharge is to a dry tributary of Spring Creek, Segment 3a of the Middle South Platte River Sub-basin, South Platte River Basin, found in the Classifications and Numeric Standards for the Upper Colorado River Basin (Regulation No. 38; last update effective September 30, 2007). Segment 3a has been designated Use Protected, and is classified for the following beneficial uses: Aquatic Life, Class 2 (Warm); Recreation Class 1a; and Agriculture.

**Permit Limitations and Monitoring Requirements**

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Parameter	Discharge Limitations Maximum Concentrations			Monitoring Frequency	Sample Type
	30-Day Average	7-Day Average	Daily Max.		
Flow, MGD	Report	NA	Report	Weekly	Instantaneous or Continuous
Total Suspended Solids, mg/l	30	45	NA	Weekly	Grab
Oil and Grease, mg/l	NA	NA	10*	Weekly	Visual*
pH, s.u. (Minimum-Maximum)	NA	NA	6.5-9.0	Weekly	In-situ
Total Dissolved Solids mg/l	Report	NA	Report	Weekly	Grab
Total Phosphorus mg/l	**	**	**	**	**

\* There shall be no visible sheen

\*\* Not required, applicable only to waters with a control regulation for Phosphorus

**ISSUED AND EFFECTIVE: OCTOBER 25, 2007 EXPIRATION JULY 31, 2006 Administratively Extended**

***Other Conditions***

Antidegradation review does not apply to this permit because the discharge is considered temporary.

Segment 3a has a temporary modification for Ammonia and organics until 12/31/2011. However, since this is discharge of groundwater which is not located near any known hazardous release, these constituents are not expected in the discharge and are not incorporated into the permit limits at this time.

***Sampling***

Sampling shall occur after going through the Best Management Practices (BMPs). If BMPs are not implemented, sampling shall occur where the discharge leaves control of the permittee. Samples must be representative of what is entering the receiving stream.

***Reporting***

This certificate to discharge is effective long term. Discharge Monitoring Reports (DMR) must be submitted **quarterly** as long as the certification is in effect. In addition, the permittee shall provide the Division with any additional monitoring data on the permitted discharge collected for entities other than the Division. This will be supplied to the Division within 48 hours of the receipt of the data by the permittee.

***Groundwater Contamination***

If groundwater contamination is encountered, then the permittee is to contact the Division and, if appropriate, the owner of the land area receiving the discharge. Since the discharge of contaminated groundwater is not covered under this permit, the permittee shall immediately apply for a groundwater remediation certification, which will include appropriate requirements for additional discharge monitoring and on-site environmental response capabilities.

***Best Management Practices***

The permittee shall implement and maintain the Best Management Practices (BMP) for the prevention of erosion and the control of solid and liquid pollutants due to the discharge. BMPs include various options, such as: modification of the pipe discharge structure to disperse flows; containment of water by hay bales or other comparable structures; the use of geocloth, filter fabric, or plastic sheeting for protection of containment structures; rip-rap; and/or any other approved methods.

The General Minimal Industrial Discharge Permit is attached. If the permittee has questions related to this certification, contact the permit writer.

***Permit Writer***

***Erin Scott***

***303.692.3506***

***October 24, 2007***