

NFRWQPA 2011 WATER QUALITY PLAN UPDATE  
Industrial Point Source Inventory Data

Operating Agency: *Colorado Division of Wildlife – Bellvue Hatchery*

CDPS Permit #: COG-130010

Permit Expires: 12/31/2008

Description of Treatment Facilities: The facility is a state trout hatchery and rearing unit, with two sediment ponds at 300,000 gallons each. In June 1998 these ponds were lined with polyliner and will only have clean surface overflows going through them. They are alternated every two months, with the full pond being drained and flushed out of all sediments while the other pond begins collecting clean flows for two months. All raceway and trough cleaning sediments bypass these two ponds and are sent directly to the two acre-foot ponds at the Watson Unit. All Bellvue pond flushing sediments also go to the Watson ponds every two months. This project cost about \$300,000 and was done to control whirling disease parasites, not to upgrade discharge requirements.

Treatment Facility Location:

Discharge Location: Panther Creek, which flows into Segment 10 of the Cache la Poudre River, Section 36, T8N, R70W.

Stream Segment Classification: Class 2 Cold Water Aquatic Life, Recreation Class E, Water Supply, and Agriculture.

Capacities:

	Design Capacity	Existing Load
Flow (mgd)	3.0	1.44 average (May-Oct) 0.864 average (Nov.-Apr.)

No flow increases are projected.

Biosolids treatment and disposal: On site disposal from dredging.

Treatment level: The degree of treatment required and effluent limitations are outlined in Permit #COG-130010.

Estimated 5-year construction needs: No construction planned. No operational changes planned.