

Permit MTX000224
Final Compliance Status and Construction Update Report

Status of complying with all individual required compliance actions as listed within Part I.E. (Special Conditions).

1. Complete a plan for the installation of monitoring wells.
-DEQ approved the monitoring well installation plan in a letter dated 2/9/12, completing the requirements for special condition 1.
2. Install monitoring wells
-DEQ confirmed that the monitoring wells were installed in accordance with the monitoring well installation plan in a letter dated 6/19/12, completing the requirements for special condition 2.
3. Complete a report documenting the baseline groundwater quality sampling analytical data for all monitoring wells.
-There were sampling events during the second, third, and fourth quarters of 2012. The report documenting baseline groundwater quality was submitted and approved by the DEQ during October 2012, completing the requirements for special condition 3.
4. Develop and implement a site specific SOP manual and SAP for monitoring and sampling groundwater monitoring wells.
-DEQ confirmed that the site specific SOP and SAP submitted by the City of Bozeman WTP met the requirements of special condition 4 in a letter dated 5/24/12, completing the requirements for special condition 4.
5. Complete a plan for installation of effluent flow monitoring device.
-DEQ approved a flow meter device installation plan and deemed it compliant with the permit in a letter dated 3/19/12. Subsequently the plan was revised by the consultants. Chris Boe of the DEQ stated in a phone call on 2/22/13 that the revised plan required no additional review.
6. Install effluent monitoring device.
-Installation was completed and this meter became fully operational during February of 2014. DEQ approved the report in a letter dated 3/28/14. This completed the requirements for special condition 6.
7. Complete an annual Compliance Status and Construction Update report.
-The first submission was approved by DEQ on 10/12/12. Second submission approved on 10/11/13. The third submission was approved 4/17/14. This is the final submission. This report will complete the requirements for special condition 7.
8. Complete a BMP for the process area of the WTP building
-The BMP for the process area was approved by the DEQ on 1/4/13, completing the requirement for special condition 8.

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9. Complete a BMP for the laboratory area of the WTP building.

-DEQ confirmed in a letter dated 6/19/12 that the Laboratory BMP met the requirements of special condition 9, thus completing it.

Continued compliance issues:

Continual difficulty meeting the permit limits on THMs. We are in the process of finishing the renewal application. We are working on other ways to remedy our compliance with the THM limits until a new permit is issued.

Construction Status

All construction is complete.

Major components of the onsite treatment system were completed as follows:

Monitoring wells completed including disinfection on May 19, 2012

Drain Field completed including inspection and testing on December 10, 2013

Septic tank completed including testing on October 8, 2013

Dosing tank completed including testing on October 9, 2013

3" force main completed October 17, 2013

6" sanitary sewer completed November 15, 2013

Staff training December 16, 2013

Flow meter (including calibration) February 2014

Initial discharge date January 9, 2014

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