

SVWRF Permit Fact Sheet

Updated on 01-25-17

1. **Interstate Brick**
9780 South 5200 West
West Jordan, Utah 84081
2. **Description of Industry-** Interstate Brick is owned by PABCO Clay Products, LLC and uses clays from various locations to make bricks. The air emissions to treat flue gas are run through an air scrubber unit which utilizes water for scrubbing and removing the contained pollutants.
3. **Description of Processes-** Interstate Brick uses clay from various areas around the country to form bricks and fire bake them to hardness.
4. **Description of Wastewater Discharges-** Wastewater is collected from the various areas in the manufacturing process as well as the air scrubbing units and sent to a pretreatment unit prior to discharge.
5. **Categorical Standards-** 40 CFR Part 403.8(v)(ii)
6. **Description of Treatment Processes-** All process wastewater is discharged to an on-site pretreatment facility which neutralizes the pH and removes the solids with a clarifier unit in conjunction with chemical precipitation. All collected solids are sent to a plate press unit to be dewatered and then the solids are re-used in the brick making process.



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7. **Location of Sampling Manhole-** Treatment facility building-, the sampling manhole is twenty feet south of the southeast corner of the treatment facility building and six feet south of that point with a yellow pole mounted to the manhole.
8. **Type and Quantity of Discharge-** The discharge from this facility will be processed wastewater containing trace heavy metals; specifically arsenic, mercury and selenium, at a flow of approximately 21,000 gallons a day.
9. **Basis for Permit Limits-** Because Interstate Brick has a history of arsenic, mercury and selenium in their discharge SVWRF will monitor local limits for Oil & Grease (Petroleum), Cadmium, Chromium, Copper, Lead, Nickel, Zinc, Arsenic, Silver, Mercury, Cyanide (T), Molybdenum and pH.

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Interstate Brick has issues with meeting SVWRF maximum daily concentration limit for Selenium (.149 mg/l). Due to this, SVWRF will issue a permit specific mass limit for Selenium of .25 lbs/day. TTOs (624) will continue to be monitored annually but will not be included as permit limits.

** Interstate Brick is the only industrial user(s) in the SVWRF service area that contributes Selenium in large amounts currently.*

10. **Other Requirements-** Interstate Brick must submit a Best Management Practices Plan for their treatment system.