**STORMVAULT BIOFILTRATION (SVBF)**

**CONFIGURATION: UNDERGROUND VAULT (UV)**

**MODEL: SVBF-UV 6X8**

### HYDRAULICS
- **STORMWATER QUALITY DESIGN FLOW (SQDF):** ≤ XX.X-CFS
- **STORM DRAIN DESIGN CONVEYANCE FLOW:** XX.X-CFS
- **RETURN FREQUENCY / PERIOD OF PEAK DESIGN CONVEYANCE FLOW:** XX-YRS

### TREATMENT

- **TREATMENT FLUX RATE:**
  - **SVBF-UVMH 6X8:** 0.01 -CFS/0.21 –CFS

### MATERIALS

- **BIO SOILS FILTRATION MEDIA PUBLIC DOMAIN SIMERRA™ BLEND:**
  - **SIERRA BLEND:**
  - **JENSEN'S BIO SOIL MEDIA UNITIZED:**

### DESIGN PARAMETERS

- **TREATMENT FLOW RATE:**
  - **MODEL SVBF-UV 6X8 PEAK:** 0.1 -GPM/FT² - 2-GPM/FT²

### INSTALLATIONS & NOTES

1. **All elevations have been provided by others, and have not been verified by Jensen Precast. Contractor to verify all dimensions and elevations in field prior to installation.**
2. **Concrete shall have a minimum compressive strength f'c = 3,000 psi at 28-DAYS.**
3. **The Fortland cement used in the Precast Section shall meet the requirement of Type IV high sulfate resistant cement in accordance with ASTM C 150.**
4. **Vault sections designed and manufactured in accordance with ASTM C 657 & CSB.**
5. **All materials and equipment to be manufactured in accordance with CSB, Certified Plant.”**
6. **If required, design will be furnished with stainless steel coated components to the top of the vault.**
7. **Bridging Stone shall be clean, washed.**
8. **All pipe shall be conform to ASTM D 3038 (2016).**
9. **Groundwater elevation is assumed to be below the bottom of Precast Structure.**
10. **Contact Jensen Stormwater Systems for high groundwater conditions.**
11. **Standard configuration is shown. Alternate configurations are readily available.**
12. **Contact Jensen Stormwater Systems for custom design.**
13. **For complete design and product information, contact Jensen Stormwater Systems.**
14. **Jensen Stormwater Systems to provide all materials as shown, unless otherwise noted.**
15. **All concrete component thicknesses, dimensions, and joint orientations may vary across Jensen Precast’s manufacturing facilities.**

---

**STORMWATER QUALITY DESIGN FLOW (SQDF):** ≤ XX.X-CFS
**STORM DRAIN DESIGN CONVEYANCE FLOW:** XX.X-CFS
**RETURN FREQUENCY / PERIOD OF PEAK DESIGN CONVEYANCE FLOW:** XX-YRS

**TREATMENT FLUX RATE:**
- **SVBF-UVMH 6X8:** 0.01 -CFS/0.21 –CFS

**MATERIALS**
- **BIO SOILS FILTRATION MEDIA PUBLIC DOMAIN SIMERRA™ BLEND:**
  - **SIERRA BLEND:**
  - **JENSEN'S BIO SOIL MEDIA UNITIZED:**

**DESIGN PARAMETERS**
- **TREATMENT FLOW RATE:**
  - **MODEL SVBF-UV 6X8 PEAK:** 0.1 -GPM/FT² - 2-GPM/FT²

**INSTALLATIONS & NOTES**
1. **All elevations have been provided by others, and have not been verified by Jensen Precast. Contractor to verify all dimensions and elevations in field prior to installation.**
2. **Concrete shall have a minimum compressive strength f'c = 3,000 psi at 28-DAYS.**
3. **The Fortland cement used in the Precast Section shall meet the requirement of Type IV high sulfate resistant cement in accordance with ASTM C 150.**
4. **Vault sections designed and manufactured in accordance with ASTM C 657 & CSB.**
5. **All materials and equipment to be manufactured in accordance with CSB, Certified Plant.”**
6. **If required, design will be furnished with stainless steel coated components to the top of the vault.**
7. **Bridging Stone shall be clean, washed.**
8. **All pipe shall be conform to ASTM D 3038 (2016).**
9. **Groundwater elevation is assumed to be below the bottom of Precast Structure.**
10. **Contact Jensen Stormwater Systems for high groundwater conditions.**
11. **Standard configuration is shown. Alternate configurations are readily available.**
12. **Contact Jensen Stormwater Systems for custom design.**
13. **For complete design and product information, contact Jensen Stormwater Systems.**
14. **Jensen Stormwater Systems to provide all materials as shown, unless otherwise noted.**
15. **All concrete component thicknesses, dimensions, and joint orientations may vary across Jensen Precast’s manufacturing facilities.**

---

**STORMWATER QUALITY DESIGN FLOW (SQDF):** ≤ XX.X-CFS
**STORM DRAIN DESIGN CONVEYANCE FLOW:** XX.X-CFS
**RETURN FREQUENCY / PERIOD OF PEAK DESIGN CONVEYANCE FLOW:** XX-YRS

**TREATMENT FLUX RATE:**
- **SVBF-UVMH 6X8:** 0.01 -CFS/0.21 –CFS

**MATERIALS**
- **BIO SOILS FILTRATION MEDIA PUBLIC DOMAIN SIMERRA™ BLEND:**
  - **SIERRA BLEND:**
  - **JENSEN'S BIO SOIL MEDIA UNITIZED:**

**DESIGN PARAMETERS**
- **TREATMENT FLOW RATE:**
  - **MODEL SVBF-UV 6X8 PEAK:** 0.1 -GPM/FT² - 2-GPM/FT²

**INSTALLATIONS & NOTES**
1. **All elevations have been provided by others, and have not been verified by Jensen Precast. Contractor to verify all dimensions and elevations in field prior to installation.**
2. **Concrete shall have a minimum compressive strength f'c = 3,000 psi at 28-DAYS.**
3. **The Fortland cement used in the Precast Section shall meet the requirement of Type IV high sulfate resistant cement in accordance with ASTM C 150.**
4. **Vault sections designed and manufactured in accordance with ASTM C 657 & CSB.**
5. **All materials and equipment to be manufactured in accordance with CSB, Certified Plant.”**
6. **If required, design will be furnished with stainless steel coated components to the top of the vault.**
7. **Bridging Stone shall be clean, washed.**
8. **All pipe shall be conform to ASTM D 3038 (2016).**
9. **Groundwater elevation is assumed to be below the bottom of Precast Structure.**
10. **Contact Jensen Stormwater Systems for high groundwater conditions.**
11. **Standard configuration is shown. Alternate configurations are readily available.**
12. **Contact Jensen Stormwater Systems for custom design.**
13. **For complete design and product information, contact Jensen Stormwater Systems.**
14. **Jensen Stormwater Systems to provide all materials as shown, unless otherwise noted.**
15. **All concrete component thicknesses, dimensions, and joint orientations may vary across Jensen Precast’s manufacturing facilities.**