# Open Channel System Construction Inspection Checklist

Project: _____
Location: _____
Site Status: _____

Date: _____

Time: _____

Inspector: _____

| CONSTRUCTION SEQUENCE | SATISFACTORY / UNSATISFACTORY | COMMENTS |
|---|---|---|
| **1. Pre-Construction** | | |
| Runoff diverted | | |
| Area stabilized | | |
| Facility location staked out | | |
| **2. Excavation** | | |
| Size and location | | |
| Side slope stable | | |
| Soil permeability | | |
| Groundwater / bedrock | | |
| Lateral slopes completely level | | |
| Longitudinal slopes within design range | | |
| **3. Check dams** | | |
| Dimensions | | |
| Spacing | | |
| Materials | | |

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|---|---|---|
| **4. Structural Components** | | |
| Underdrain installed correctly | | |
| Inflow installed correctly | | |
| Pretreatment devices installed | | |
| **5. Vegetation** | | |
| Complies with planting specifications | | |
| Topsoil adequate in composition and placement | | |
| Adequate erosion control measures in place | | |
| **6. Final inspection** | | |
| Dimensions | | |
| Check dams | | |
| Proper outlet | | |
| Effective stand of vegetation and stabilization | | |

**Comments:**

**Actions to be Taken:**