



Figure 5-1  
Basis of Design  
**Normal Operating  
Water Level**

Fernhill South Wetlands  
Forest Grove, OR

**Habitat Zones**

|              | ACRES     | %           |
|--------------|-----------|-------------|
| Upland       | 15        | 17%         |
| All Wetlands | 49        | 54%         |
| Mudflat      | 2         | 2%          |
| Open Water   | 24        | 27%         |
| <b>TOTAL</b> | <b>90</b> | <b>100%</b> |

**Legend**

- Water Surface
  - Deep Water
  - Flood Flow Crossover
  - Wetland Cell Boundary
  - Berm
  - Control Weir
  - Control Structure
  - Control Valve
  - Cascade
  - Flow Path
  - Piped Flow
  - Flood Condition Flows
- \* Depth of Cells 1-6 = 12"

