

## **Stream Crossing Impact Area Calculations**

### **Joint Permit Impacts**

#### **Wetland #3 (Hay Creek)**

**E06-718; APS No. ID No. 940817**

PADEP/105 Permanent Impact:

2.5' Casing Diameter x 28' Wetlands = 70 sqft.

#### **Stream Crossing #2 (Hay Creek)**

**E06-718; APS No. ID No. 940817**

PADEP/105 Permanent Impact:

2.5' Casing Diameter x 70' Floodway – Wetlands = 105 sqft

### **Associated General Permit Impacts**

#### **Stream Crossing #1 (Angelica Creek)**

**GP-05-06-16-204; APS No. ID No. 929972**

Corps/404 Temporary Impact:

25' Stream Width x 20' Length (ROW) = 500 sqft.

PADEP/105 Permanent Impact:

75' Floodway Width x 20' Length (ROW) = 1,500 sqft.

#### **Stream Crossing #3 (PA 724 - 36" RCP)**

**GP-05-06-16-202; APS No. ID No. 929897**

PADEP/105 Permanent Impact:

3' Floodway x 6.5' Disturbance Width = 19.5 sqft

#### **Stream Crossing #4 (PA 724 - 60" RCP)**

**GP-05-06-16-205; APS No. ID No. 930037**

PADEP/105 Permanent Impact:

5' Floodway x 6.5' Disturbance Width = 32.5 sqft

#### **Stream Crossing #6 (PA 724 – 108" x 72" CMP Arch)**

**GP-05-06-16-206; APS No. ID No. 930042**

PADEP/105 Permanent Impact:

9' Floodway x 6.5' Disturbance Width = 58.5 sqft

#### **Stream Crossing #8 (PA 724 – 10' x 7.5' Culvert)**

**GP-05-06-16-207; APS No. ID No. 930046**

PADEP/105 Permanent Impact:

10' Floodway x 6.5' Disturbance Width = 65 sqft