

Control Points

	Northing (feet)	Easting (feet)	Elevation (feet)
North Manhole	8192.03	6575.39	986.80
South Manhole	7936.26	6689.45	988.57
Control Pin	8588.05	7063.06	984.65
Inv. 6"Ø PVC Pipe	Vertical Control Only		984.65

Pond Elevations

	Water Surface Area (S.F.)	Top Berm Elev.	Water Elev.	Bottom Elev.
Pond 1	19,800	989.0	987.0	983.0
Pond 2	19,534	989.0	987.0	983.0
Pond 3	22,555	989.0	986.0	982.0
Constructed Wetland	100,429 (88,251 planted)	986.0	984.0	983.5 (980.0 ponded)
Sludge Basin	76'X174' on bottom	989.0	N/A	984.0

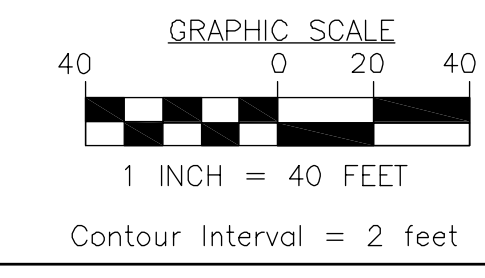
Transfer Troughs

Set of Troughs	Inlet Elev.	Outlet Elev.	Piling Length (ft.)	Piling Count
Pond 1 to Pond 3	987.0	986.5	19.0	5
Pond 2 to Pond 3	987.0	986.5	19.0	5
Pond 3 to Constructed Wetland	986.0	985.5	21.0	7

Note: There may be unlocated utilities.

CALL BEFORE YOU DIG!
 PENNSYLVANIA LAW REQUIRES
 3 WORKING DAYS NOTICE FOR
 CONSTRUCTION PHASE AND 10 WORKING
 DAYS IN DESIGN STAGE—STOP CALL

PA1
 POLE SERIAL NUMBER
 1-800-242-1776



- ### Legend
- Existing Index Contour (C.I.=10')
 - Existing Intermediate Contour (C.I.=2')
 - Existing Waterway
 - Existing Sewer Line (Approximate)
 - Soil Test Pit Location
 - ⊙ Existing Utility Pole
 - ⊕ Survey Control Point (4)
 - Proposed Index Contour
 - Proposed Intermediate Contour (Even)
 - Proposed Intermediate Contour (Odd)
 - A' Section Line
 - - - Proposed Limit of Earth Disturbance
 - - - Proposed Sediment Logs
 - Proposed Pipe
 - ▨ Proposed Top of Berm
 - ▒ Proposed Road Improvement
 - ▤ Proposed Riprap Placement

Upper Latrobe AMD Treatment Project

Site Plan - Treatment System SHEET NO. 2 OF 4

Date: July 2009
 Drawn By: NAW
 Checked By: As Shown
 Municipality: Unity Township
 County: Westmoreland

HedinEnvironmental
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 Pittsburgh, PA 15228
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No.	Date	Description	By