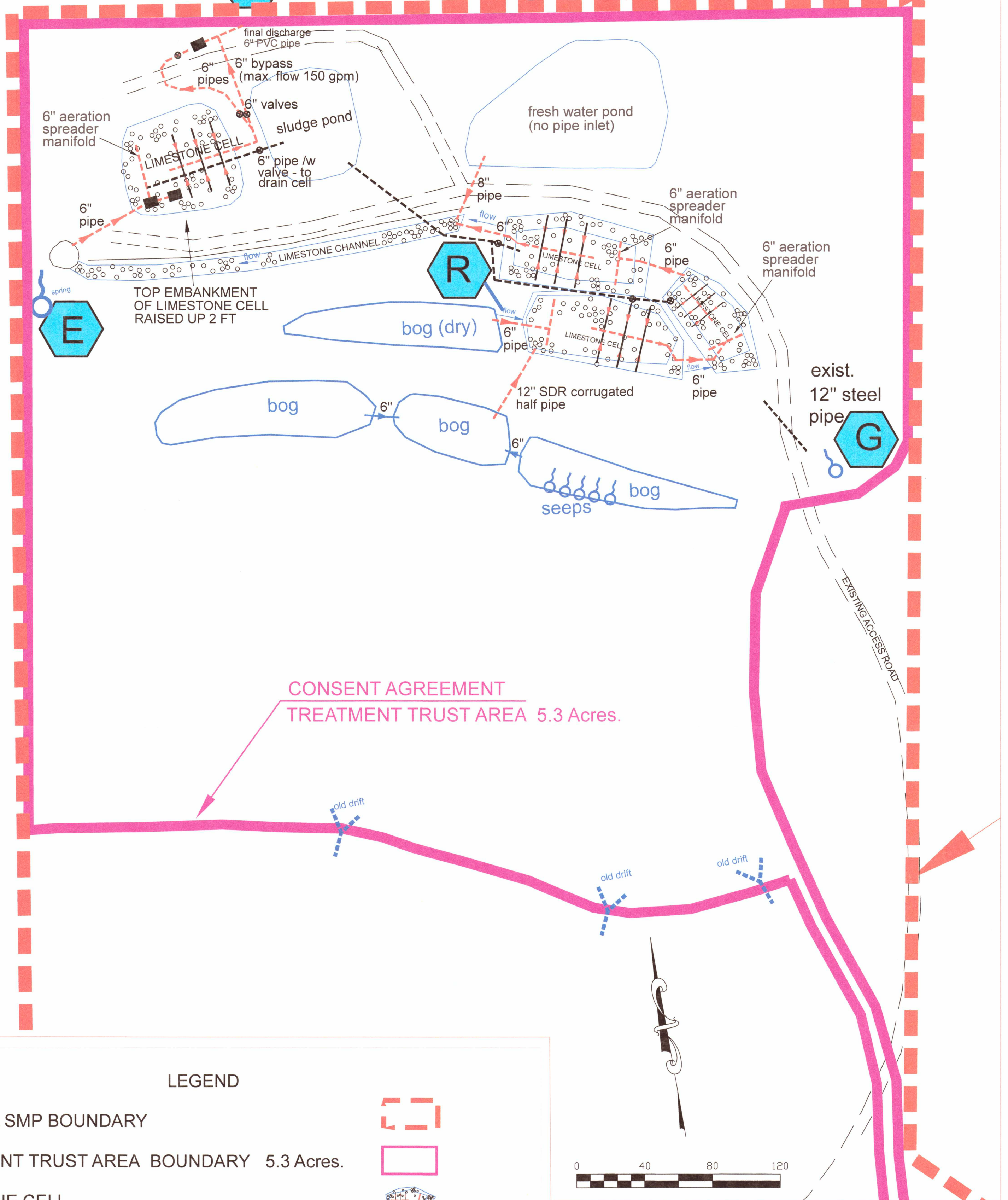


002 Final Discharge T1(002)



LEGEND

ORIGINAL SMP BOUNDARY

TREATMENT TRUST AREA BOUNDARY 5.3 Acres.

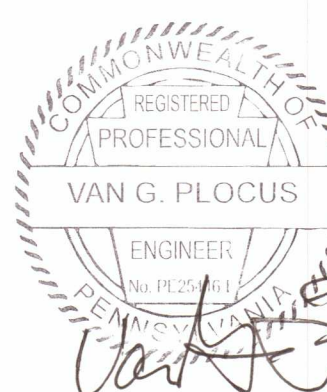
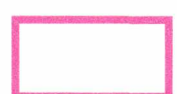
LIMESTONE CELL

MONITORING POINT

PIPE /w FLOW DIRECTION

6" PERFORATED PVC UNDERDRAIN PIPES

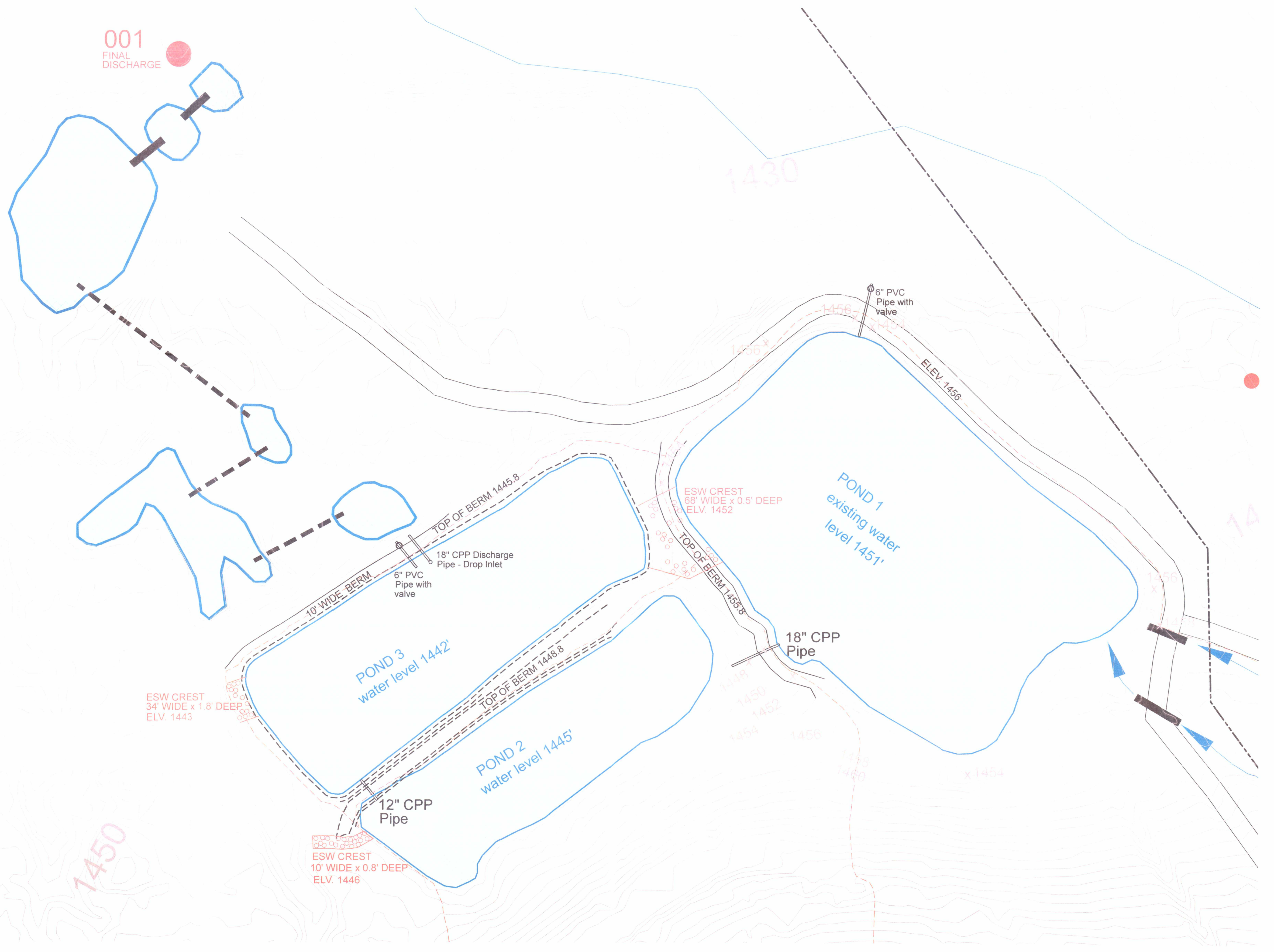
BIO MEDIA TREATMENT SYSTEM
(MAXIMUM FLOW 35 GPM)



LONG-TERM TREATMENT TRUST
PASSIVE TREATMENT SYSTEM
M.B. ENERGY, INC.
DIETRICH MINE (SMP 32810135)
West Wheatfield Twp., Indiana Co.
Scale: 1"=40' April 2008
prepared by Diamond Engineering

revised: 12/16/2015, 08/18/2016, 05/18/2017

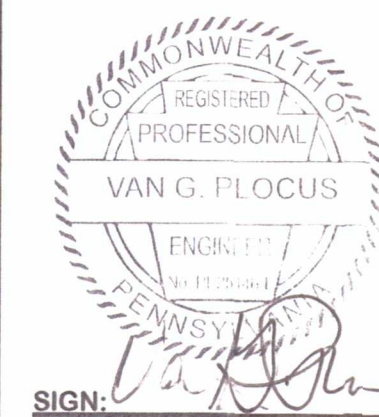
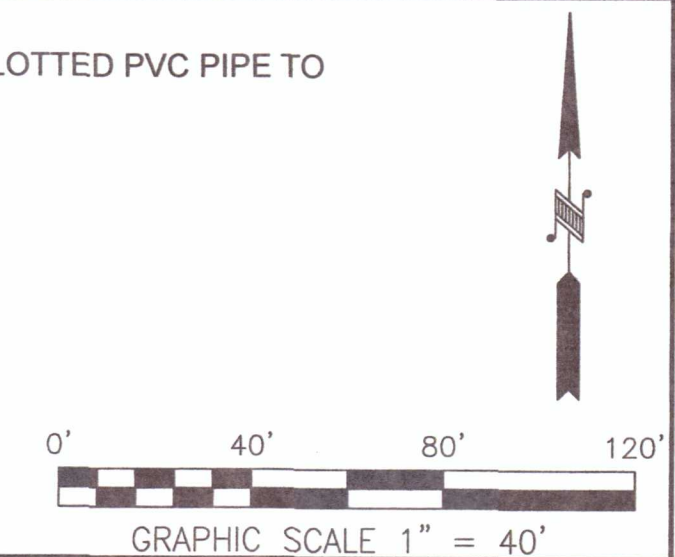
001
FINAL
DISCHARGE



REVISIONS

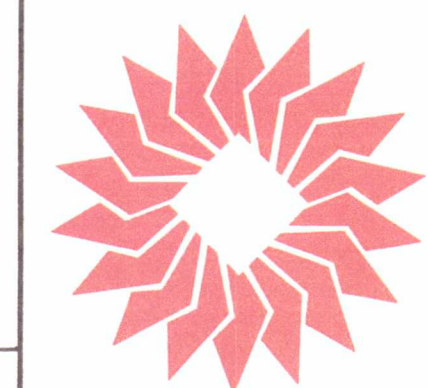
NO.	DESCRIPTION	DATE	BY

NOTE: ALL POND DISCHARGE PIPES EQUIPPED WITH 4" SLOTTED PVC PIPE TO
PREVENT DAMMING BY BEAVER ACTIVITY.



DIAMOND ENGINEERING ASSOCIATES

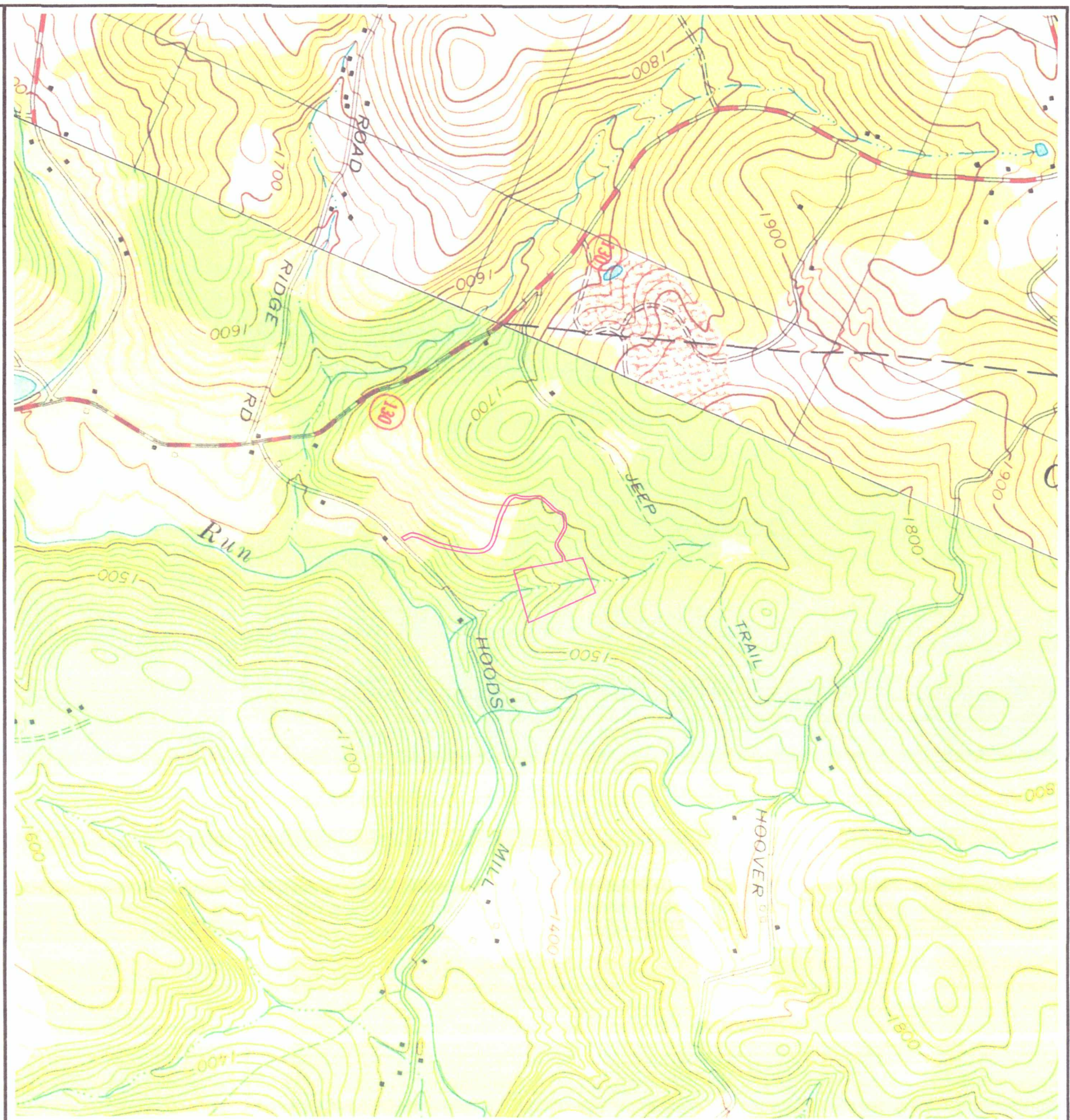
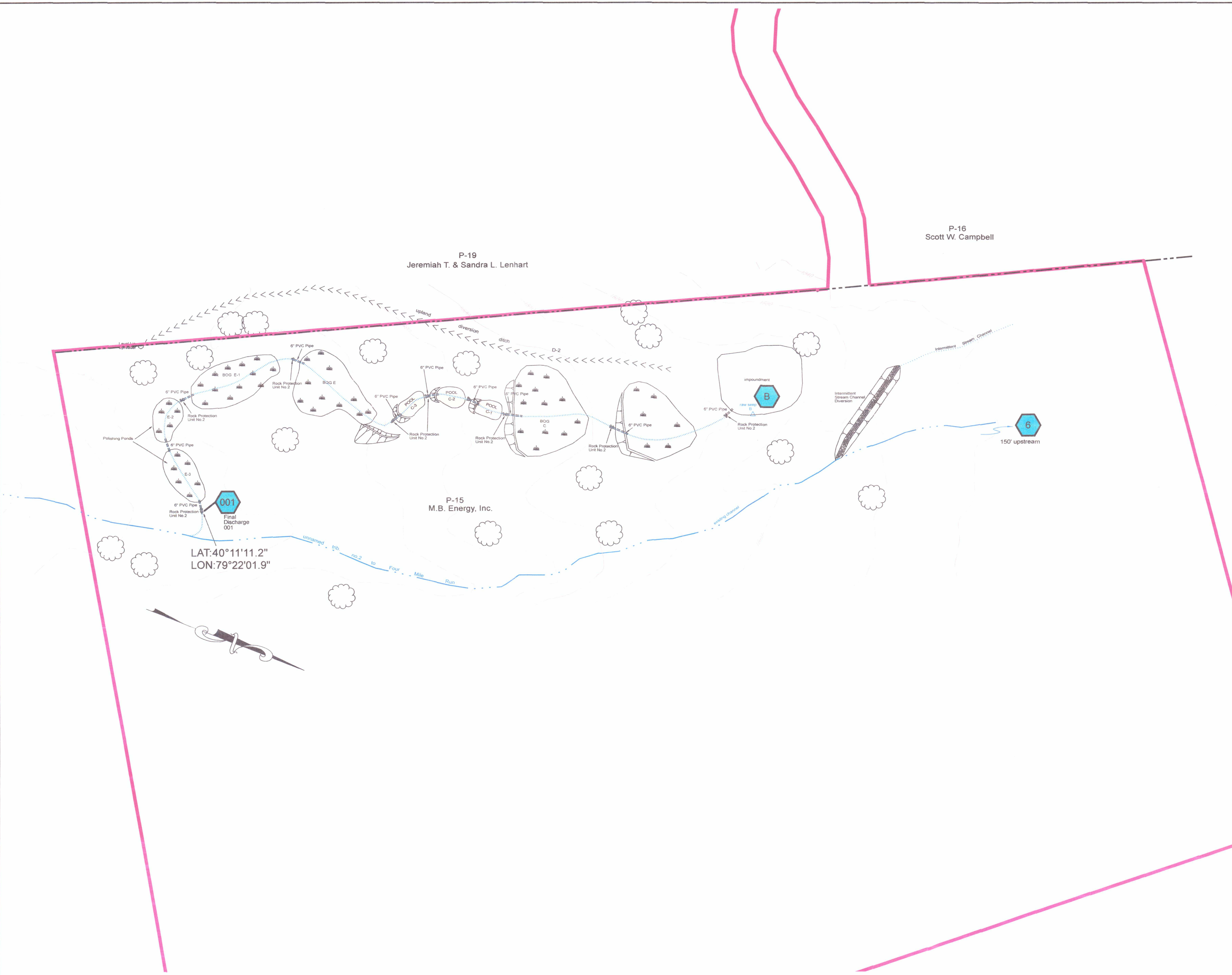
730 ROUTE 22 HIGHWAY
BLAIRSVILLE, PA 15717
Voice: (724) 675-8398 Fax: (724) 675-8412



PASSIVE FLOW SYSTEM
POND DETAIL

THE ARCADIA COMPANY, INC.
CBC STRIP

Drawn By: BMH	Date: 4/26/17	BANKS TOWNSHIP, INDIANA COUNTY, PA
Design By:	Date:	Sheet:
Scale: AS SHOWN		Drawing:

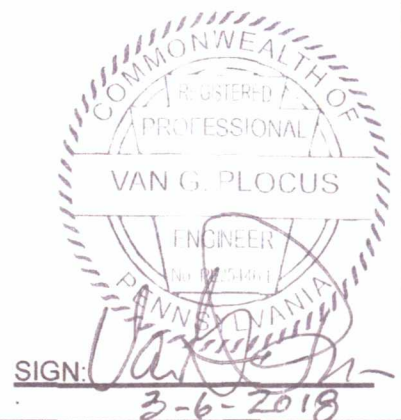


LOCATION MAP SCALE: 1"=1000'

TREATMENT TRUST WATER MONITORING PROGRAM		
Monitoring Point	Surface Elevation	Description
MP-6	1600	Unnamed Tributary to Four Mile Run - upstream
MP-C-9	1400	Unnamed Tributary to Four Mile Run - downstream
MP-B	1512	raw seep
MP-001	1480	Final Discharge

- LEGEND
- TREATMENT TRUST BOUNDARY 7.3 acres
 - EXISTING STREAM CHANNELS
 - WETLAND (BOG)
 - AERATION POOLS
 - TREE
 - MONITORING POINT LOCATION

NO.	DESCRIPTION	DATE	BY
1	MINOR PERMIT REVISIONS PER DEP	2/26/2018	BMH
2	MINOR PERMIT REVISIONS PER DEP	3/6/18	BMH



DIAMOND ENGINEERING ASSOCIATES

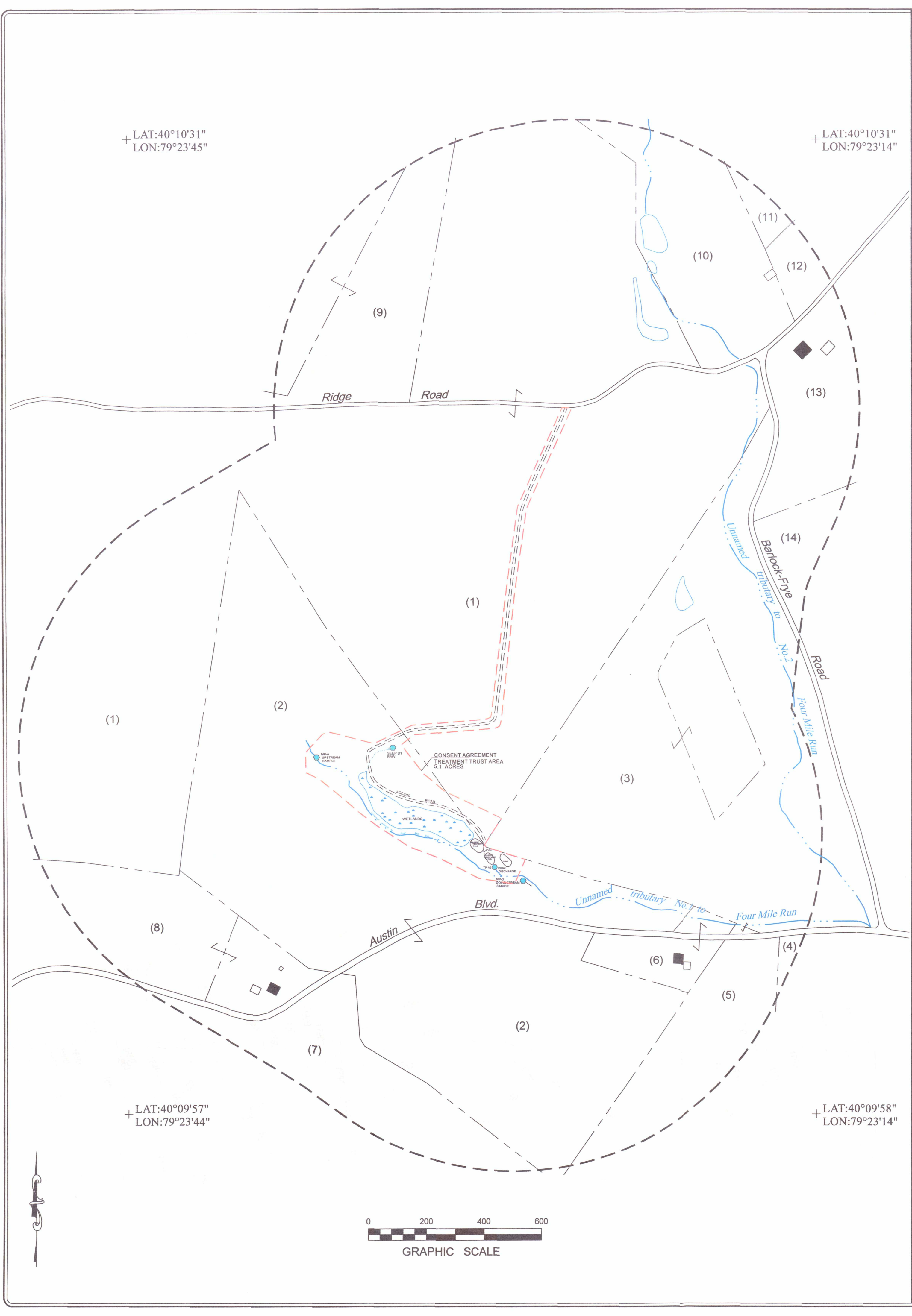
730 ROUTE 22 HIGHWAY
BLAIRSVILLE, PA 15717

Voice: (724) 675-8398 Fax: (724) 675-8412

PASSIVE TREATMENT SYSTEM

M.B. ENERGY INC.
CAMPBELL-SKOVIRA MINE

Drawn By:	Date:	COOK & DONEGAL TWPS., WESTMORELAND CO., PA	
Revised By:	Date:	Sheet:	Drawing:
BMH	7/10/17		
Scale:	AS SHOWN		



LEGEND

CONSENT AGREEMENT TREATMENT TRUST 5.1 Acres

EXISTING ROADS

CONTOURS 5FT INTERVALS

OCCUPIED DWELLINGS

UNOCCUPIED STRUCTURE

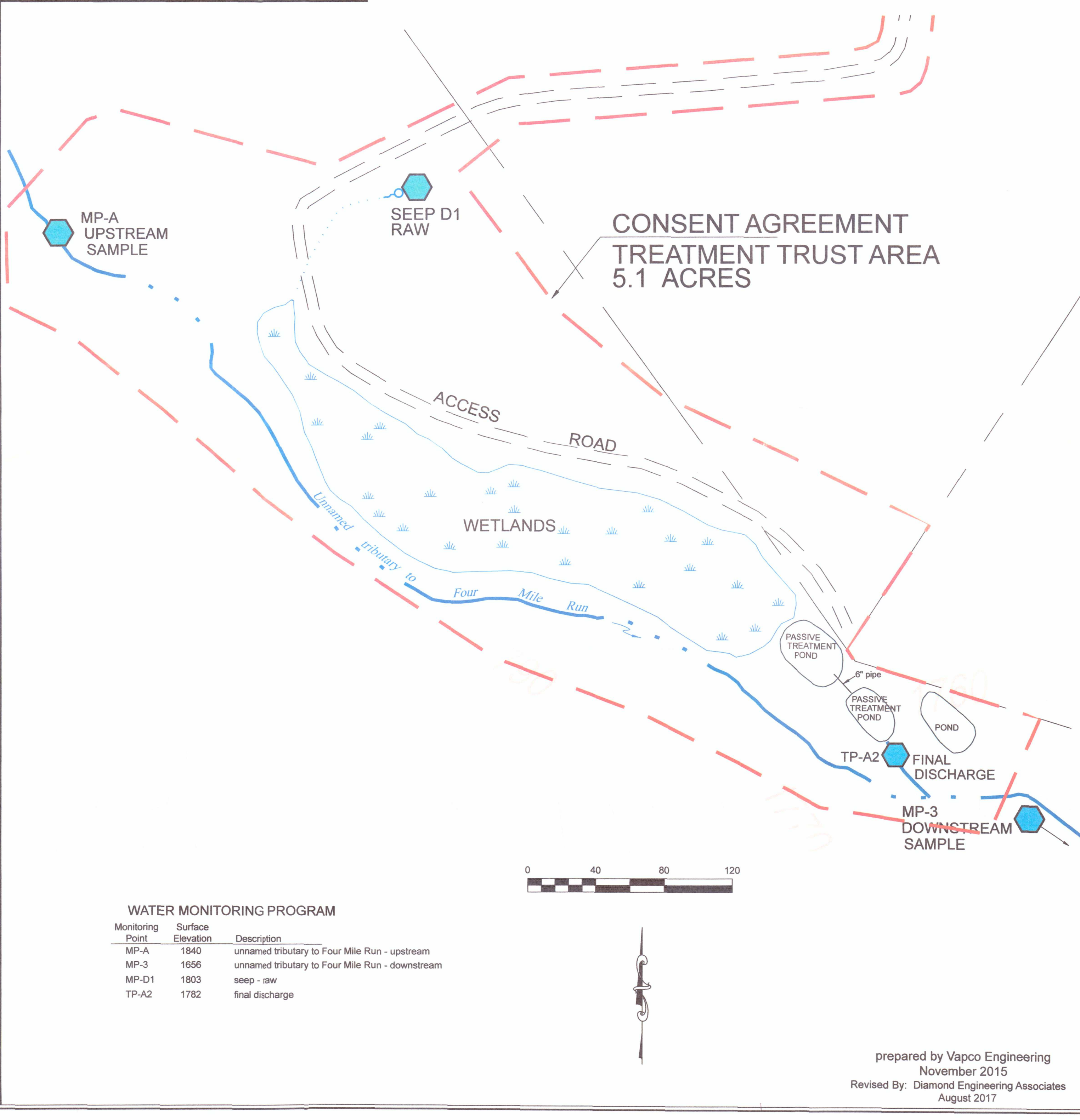
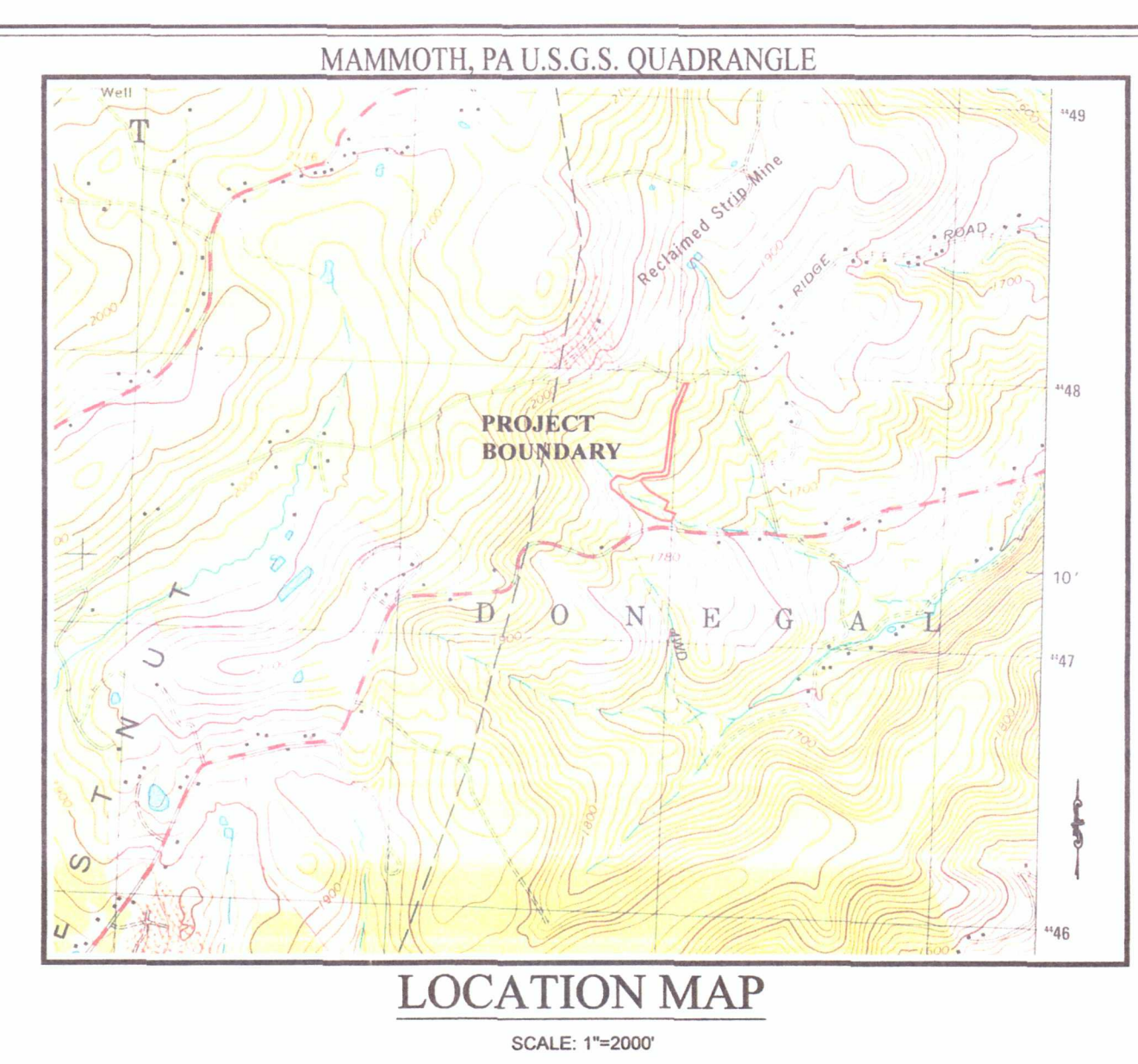
PROPERTY LINES

PROPERTY ID (2)

EXISTING STREAMS

EXISTING PONDS

MONITORING POINT



WATER MONITORING PROGRAM

Monitoring Point	Surface Elevation	Description
MP-A	1840	unnamed tributary to Four Mile Run - upstream
MP-3	1656	unnamed tributary to Four Mile Run - downstream
MP-D1	1803	seep - raw
TP-A2	1782	final discharge

DIAMOND ENGINEERING ASSOCIATES
ENVIRONMENTAL ENGINEERING GROUP

730 Route 22 Highway
Blairsville, PA 15717

Phone: (724) 675 - 8398
Fax: (724) 675 - 8398

REVISIONS: 02/26/18 - REVISION PER DEP 3/6/18 - REVISION PER DEP

BY: BMH
CHECKED BY: VGP

DATE: NOV. 2015
SCALE: as shown

APPROVED: _____
DATE: _____

APPROVED: _____
DATE: _____

APPROVED: _____
DATE: 3-6-2018

ENGINEER: PE 25446-E

PASSIVE TREATMENT SYSTEM (AS BUILT)

M.B. ENERGY INC.

RIDGE ROAD MINE

DONEGAL & MT. PLEASANT TOWNSHIPS, WESTMORELAND CO., PA

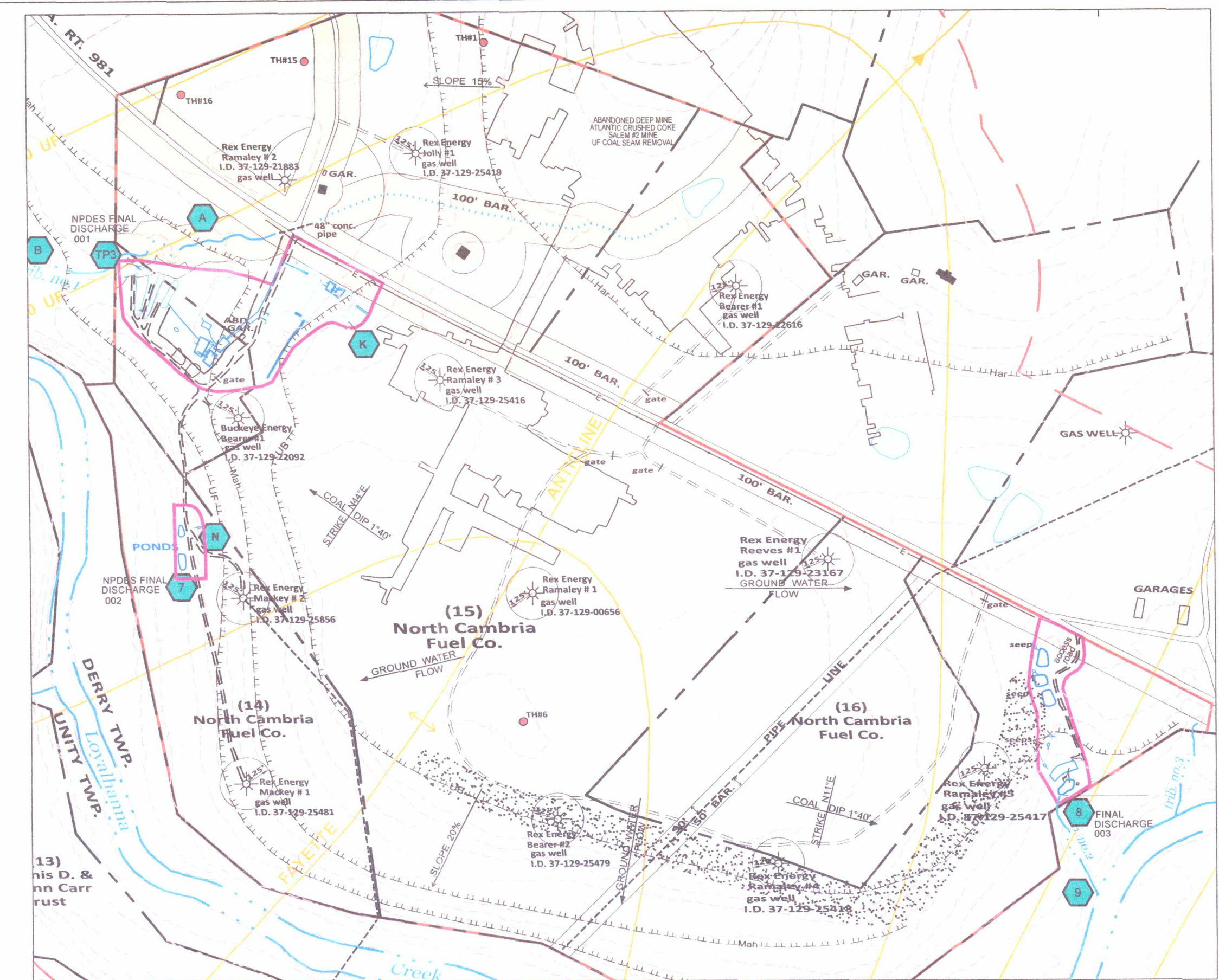
EXHIBIT 6.2, 9, & 18.0

SMP No. 65860105

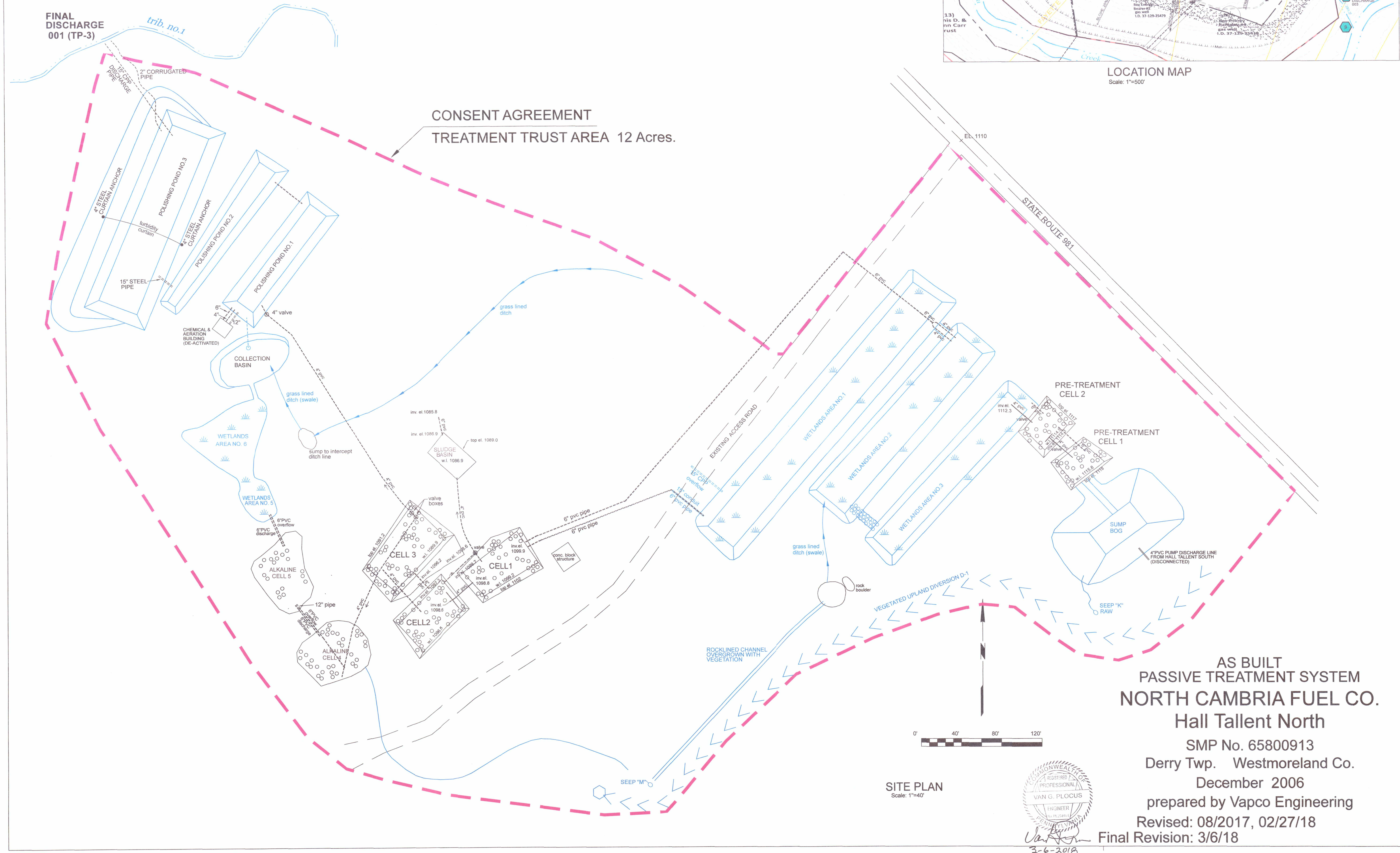
ENVIRONMENTAL RESOURCE, OPERATIONS, & LAND USE MAP

prepared by Vapco Engineering
November 2015

Revised By: Diamond Engineering Associates
August 2017

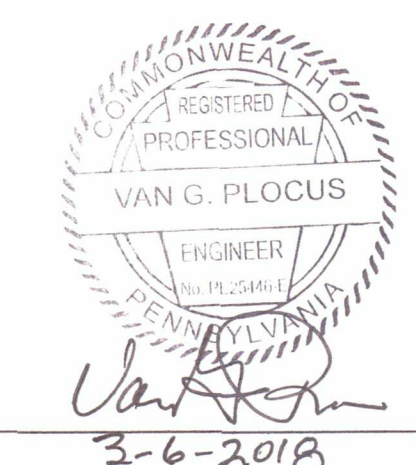


LOCATION MAP
Scale: 1"=500'

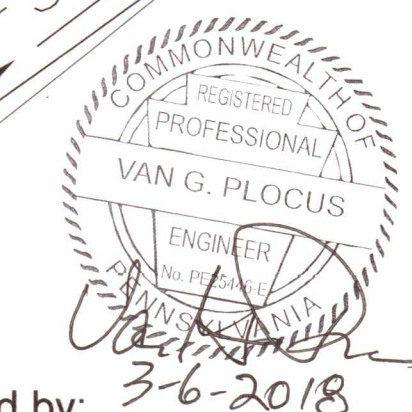
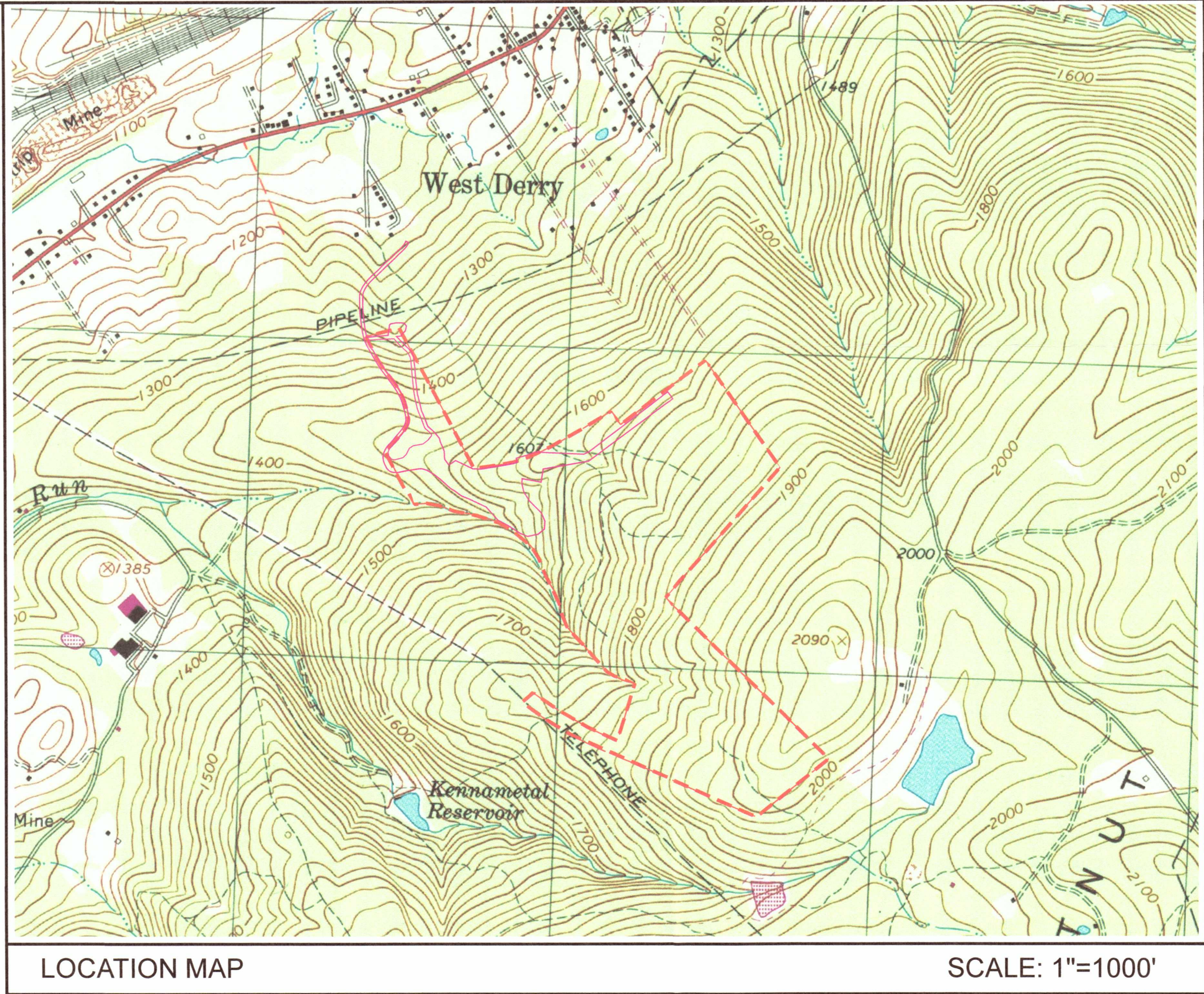
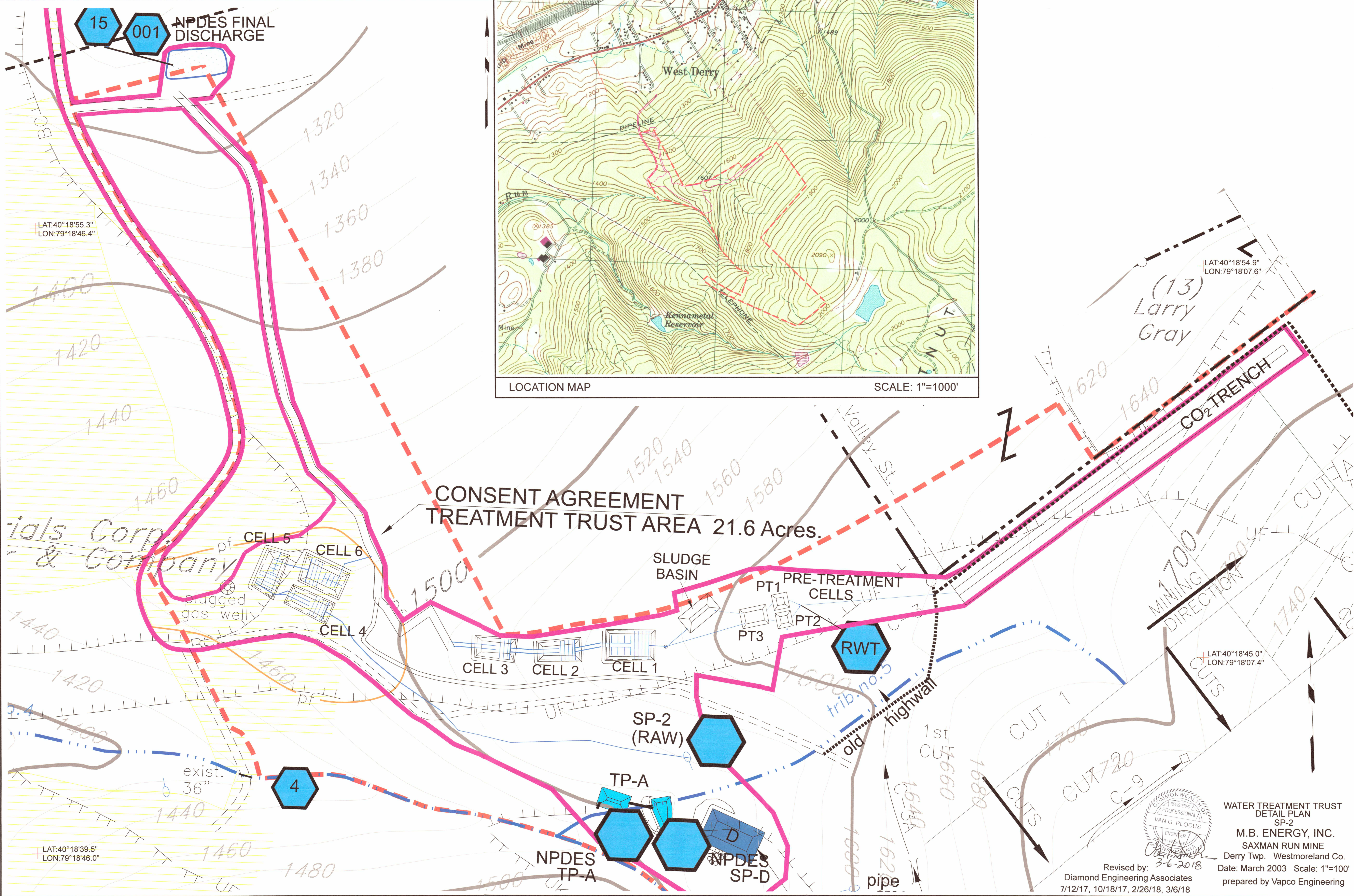


AS BUILT
PASSIVE TREATMENT SYSTEM
NORTH CAMBRIA FUEL CO.
Hall Tallent North
SMP No. 65800913
Derry Twp. Westmoreland Co.
December 2006
prepared by Vapco Engineering
Revised: 08/2017, 02/27/18
Final Revision: 3/6/18

SITE PLAN
Scale: 1"=40'



3-6-2018



WATER TREATMENT TRUST
DETAIL PLAN
SP-2
M.B. ENERGY, INC.
SAXMAN RUN MINE
Derry Twp. Westmoreland Co.
Date: March 2003 Scale: 1"=100'
prepared by Vapco Engineering

Revised by:
Diamond Engineering Associates
7/12/17, 10/18/17, 2/26/18, 3/6/18

NPDES FINAL
DISCHARGE

CONSENT AGREEMENT
TREATMENT TRUST AREA 21.6 Acres.

(13)
Larry
Gray

CO₂ TRENCH

PRE-TREATMENT
CELLS

SLUDGE
BASIN

SP-2
(RAW)

TP-A

NPDES
TP-A

NPDES
SP-D

RWT

highwall

pipe

MINING
DIRECTION

LAT:40°18'45.0"
LON:79°18'07.4"

LAT:40°18'55.3"
LON:79°18'46.4"

LAT:40°18'39.5"
LON:79°18'46.0"

Materials Corp.
& Company

CELL 5

CELL 6

CELL 4

CELL 3

CELL 2

CELL 1

exist.
36"

4

CUT 1

CUT 2

CUT 3

CUT 4

CUT 5

CUT 6

CUT 7

CUT 8

CUT 9

CUT 10

CUT 11

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