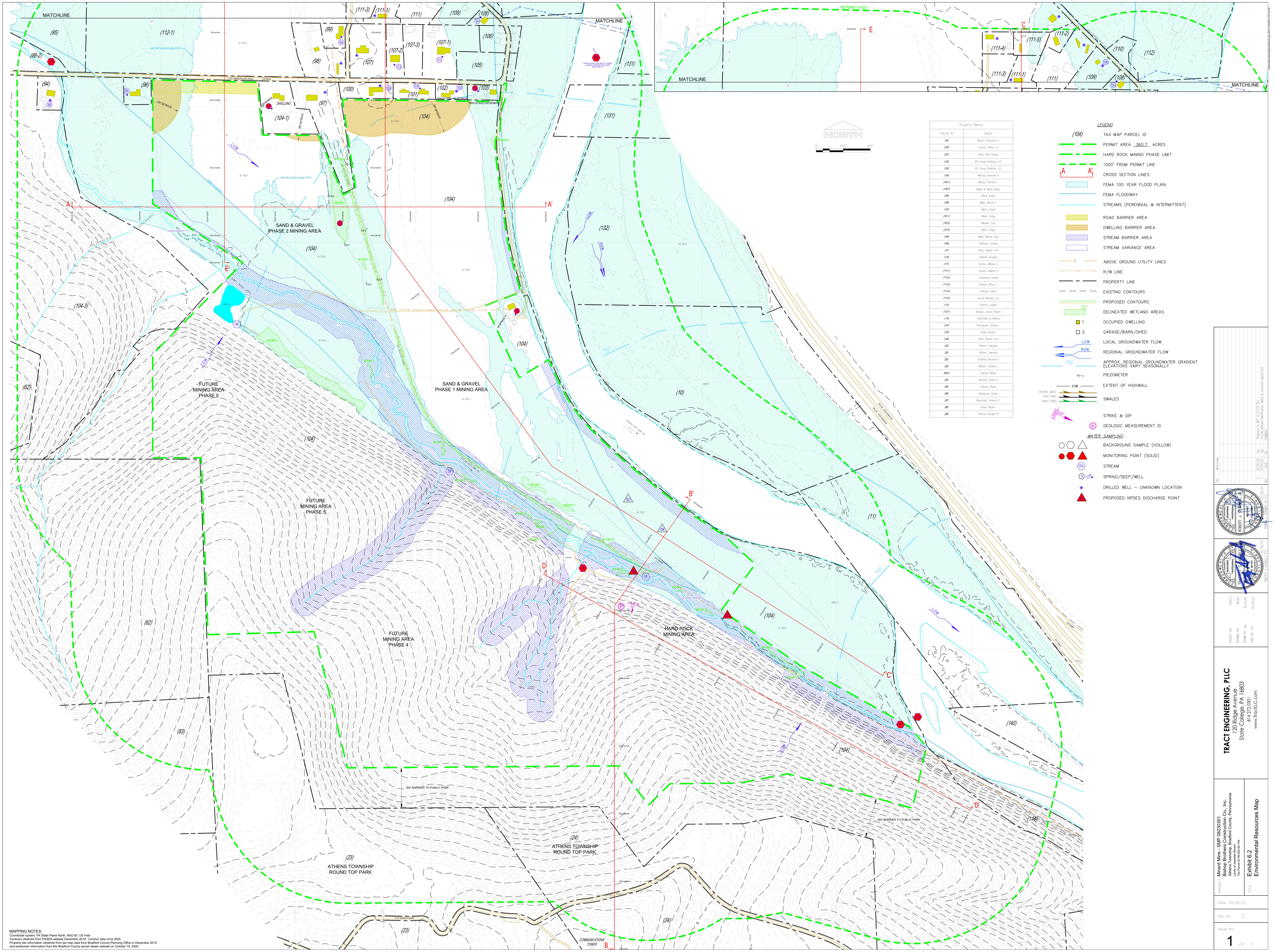
MATCHLINE
(95)
(112-1)
(88-2)
(94)
(96)
(99)
(98)
(107)
(107-2)
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(104-1)
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(11)
(140)
(114)
(104-3)
(62)
(83)
(23)
(24)
(111-4)
(111-5)
(111-2)
(110)
(112)
T-303 MEADOWLARK DRIVE
33' ROW
100 YR FLOOD PLAIN (TYP)
300' SETBACK
100' SETBACK
DWELLING
ZERO (0') DWELLING SETBACK
60' SETBACK
SAMPLE POINT 3,000' NNW AT TOZER'S LANDING TOWNSHIP BOAT RAMP SEE EXHIBIT 6.1
1000' PERMIT OFFSET
NORTH
0 200' 400'
A
A'
B
B'
C
C'
D
D'
E
E'
LGW
RGW
754
752
750
FEMA FLOODWAY
STREAM VARIANCE #1
STREAM VARIANCE #2
POND A
S4A
S1A
S1B
003
004
M1
AG FIELD
FOREST
SAND & GRAVEL PHASE 2 MINING AREA
SAND & GRAVEL PHASE 1 MINING AREA
FUTURE MINING AREA PHASE 5
FUTURE MINING AREA PHASE 5
FUTURE MINING AREA PHASE 4
HARD ROCK MINING AREA
CHEMUNG RIVER (WWF, MF)
SR-220 NORTHBOUND
SR-220 SOUTHBOUND
ON RAMP
OFF RAMP
300' BARRIER TO PUBLIC PARK
300' BARRIER TO PUBLIC PARK
ATHENS TOWNSHIP ROUND TOP PARK
ATHENS TOWNSHIP ROUND TOP PARK
T-316 BOBCAT ROAD
COMMUNICATIONS TOWER

Property Owners	
Parcel ID	Owner
(10)	Bryan, Constance C
(100)	Forrest, Arthur Jr
(101)	Rosh, Bud George
(102)	JDS Group Holdings, LLC
(103)	JDS Group Holdings, LLC
(104)	Minard, Jeanette H
(104-1)	Minard, Richard L
(104-3)	Blaine & Mark Elsbee
(105)	Ward, Gregg
(106)	Miller, Marvin F
(107)	Martz, David
(107-1)	Ward, Gregg
(107-2)	Wheeler, Erin
(107-3)	Ward, Gregg
(108)	Miller, Marvin Fred
(109)	Dabroski, Joseph
(11)	Allen, Regina Lois
(110)	Elsbree, Douglas
(111)	Sutton, William C
(111-1)	Carolin, Edward A
(111-2)	Townsand, Gerald
(111-3)	Elsbree, Ethan C
(111-4)	Elsbree, Ethan
(111-5)	Sutton Rentals, LLC
(112)	Elsbree, Joseph
(112-1)	Elsbree, James Robert
(114)	Township of Athens
(131)	Parmanter, Ronald L
(132)	Rosh, Roman
(140)	Allen, Regina Lois
(23)	Athens Township
(24)	Athens Township
(62)	Keathley, Michael D
(83)	Weaver, Donald L
(88-2)	Elsbree, Blaine
(94)	Sparduti, Eileen A
(95)	Elsbree, Blaine
(96)	Blackman, Daniel
(97)	Blanchard, Roberta C
(98)	Blow, Robert
(99)	Elsbree, Douglas R

LEGEND

(104)	TAX MAP PARCEL ID
━ ━	PERMIT AREA 360.7 ACRES
━ ▪ ━	HARD ROCK MINING PHASE LIMIT
━ ━ ━	1000' FROM PERMIT LINE
A — A'	CROSS SECTION LINES
▨	FEMA 100 YEAR FLOOD PLAIN
—	FEMA FLOODWAY
—	STREAMS (PERENNIAL & INTERMITTENT)
▨	ROAD BARRIER AREA
▨	DWELLING BARRIER AREA
▨	STREAM BARRIER AREA
⬚	STREAM VARIANCE AREA
— E —	ABOVE GROUND UTILITY LINES
— - —	R/W LINE
— - —	PROPERTY LINE
— — —	EXISTING CONTOURS
═	PROPOSED CONTOURS
▨	DELINEATED WETLAND AREAS
■ 1	OCCUPIED DWELLING
□ 2	GARAGE/BARN/SHED
LGW	LOCAL GROUNDWATER FLOW
RGW	REGIONAL GROUNDWATER FLOW
752	APPROX. REGIONAL GROUNDWATER GRADIENT ELEVATIONS VARY SEASONALLY
PZ-1 •	PIEZOMETER
— HW —	EXTENT OF HIGHWALL
EXISTING SWALE ROCK LINED GRASS LINED	SWALES
STRIKE DIP	STRIKE & DIP
(M1)	GEOLOGIC MEASUREMENT ID

WATER SAMPLING

○ ⬡ △	BACKGROUND SAMPLE (HOLLOW)
● ⬢ ▲	MONITORING POINT (SOLID)
S1A	STREAM
(1A) ♂ •	SPRING/SEEP/WELL
◉	DRILLED WELL – UNKNOWN LOCATION
▲	PROPOSED NPDES DISCHARGE POINT

MAPPING NOTES:
Coordinate system: PA State Plane North, NAD 83, US Feet
Contours obtained from PASDA website December 2019. Contour data circa 2005.
Property line information obtained from tax map data from Bradford County Planning Office in December 2019
and landowner information from the Bradford County parcel viewer website on October 19, 2020.

REV.	DATE	BY	COMMENT
2	02/26/24	tsg	Response to DEP 12/27/23 TDL
1	07/01/23	tsg	Provide wetland identification labels & corrected legend text

FILE Minard.dwg

ROBERT J. STORMER, JR. P.G. 02/26/24

TIMOTHY S GOURLEY, P.E. 02/26/24

PE 081753

PROJECT NO: 200113
DRAWING NO: Minard
DRAWN BY: tsg 01/13/20
CHKD BY: TSG 02/26/24

TRACT ENGINEERING, PLLC
120 Ridge Avenue
State College, PA 16803
814 272 0301
www.TractLLC.com

PROJECT: Minard Mine - SMP 08230301
Bishop Brothers Construction Co., Inc.
Athens Township, Bradford County, Pennsylvania
Lands of Jeanette Minard
Tax Parcel ID 09-020.00-104

TITLE: Exhibit 6.2
Environmental Resources Map

Date: 05/05/23

Rev No: 2

Sheet No: 1 of 1

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