August 17, 2022

Ms. Sharon Svitek
Program Manager, Bureau of Waste Management
Pennsylvania Department of Environmental Protection
Bureau of Waste Management
Southwest Regional Office
400 Waterfront Drive
Pittsburgh, Pennsylvania 15222-4745

Dear Ms. Svitek:

Subject: COMMENT RESPONSE - Phase I Application for Hazardous Waste Landfill

No. 7

MAX Environmental Technologies, Inc. – Yukon Facility South Huntingdon, Westmoreland County, Pennsylvania

CEC Project 170-822.2238

On behalf of MAX Environmental Technologies, Inc. (MAX), Civil & Environmental Consultants, Inc. (CEC) is submitting an electronic copy via the Pennsylvania Department of Environmental Protection (DEP) OnBase Electronic Forms Upload Tool of the enclosed revisions to the Phase I Application for the proposed Hazardous Waste Landfill No. 7 at MAX's Yukon Facility located in South Huntingdon Township, Westmoreland County, Pennsylvania. Additionally, per DEP's previous request, hard copies of revised drawings are being distributed to the southwest regional and central DEP offices.

CEC notes a Phase I Application was submitted to the DEP on July 13, 2022. Following an administrative review, the DEP issued a Completeness Review letter dated August 15, 2022, which requested additional information/documentation. As such, the application was revised to address the DEP's recent comments. The DEP's comments from the August 15, 2022 letter are provided below verbatim in **bold** type, followed by MAX's response.

1. Although the cover letter states that figures and drawings associated with the permit application have been sealed by a Pennsylvania Registered Professional Engineer by means of the form HW-B being signed and sealed, DEP requests that the drawings/figures have the Professional Engineer signature and seal stamped directly on them.

As previously stated, figures and drawings throughout the application are incomplete without a seal and signature of a PA Registered Professional Engineer. Section 502 of the Solid Waste Management Act of 1980, requires that applications for any permit shall be accompanied by such plans, designs and relevant data as the department may require and these plans, designs and data shall be prepared by a registered professional engineer. Section 7(a) of the Engineer, Land Surveyor and Geologist Registration Law of 1945 requires the seal, or a facsimile imprint of same, to be stamped on all plans, specifications, plats and reports issued by a professional engineer, professional land surveyor or professional geologist.

Ms. Sharon Svitek CEC Project 170-822.2238 Page 2 August 17, 2022

RESPONSE: CEC has coordinated with the DEP with regards to what drawings throughout the application need to be sealed by either a professional engineer or professional geologist. With this submission, CEC is submitting drawings, which were previously not sealed, but have now been sealed by either a professional engineer or professional geologist as appropriate. CEC notes that these drawings have been sealed in response to the DEP's above request, but no other changes to the drawings or exhibits have been made.

2. The seven letters to contiguous landowners that were sent via certified mail and returned to sender were resent via regular mail. These letters sent by regular mail that are not returned to sender are considered received by the landowner. Please provide a statement regarding the status of the seven letters that were resent via regular mail.

RESPONSE: The seven (7) letters that were sent via certified mail and returned to sender were resent via regular mail. To date none of the seven (7) letters sent regular mail have been returned. A statement to document that no letters have been returned to date has been added to the permit application.

With this response, CEC and MAX understand the Phase I Application to be Administratively Complete. However, if you have questions or require additional information, please contact Mr. Carl Spadaro at (412) 445-9789 or us at (724) 327-5200. Also, we would like to offer a virtual or in-person meeting be held to resolve any remaining comments or concerns.

Very truly yours,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Timothy D. Mitchell, P.E.

Senior Project Manager

Eric D. Chiado, P.E.

Principal

TDM:EDC/jg Enclosures

cc: Carl Spadaro (MAX)

Ken Interval, P.G. (MAX)

Bob Shawver (MAX)

William Mura (DEP) – Hard copy of drawings only Chad Clancy (DEP) – Hard copy of drawings only

L-170822.2232.Aug17/P

#### **LEGEND**

**DELINEATION BOUNDARY** 

#### REFERENCE

USGS TOPOGRAPHIC MAP/ ARCGIS MAP SERVICE: HTTP://GOTO.ARCGISONLINE.COM/MAPS/ USA TOPO MAPS, ACCESSED 6/20/2018. SMITHTON, PA QUAD.



# Civil & Environmental Consultants, Inc.

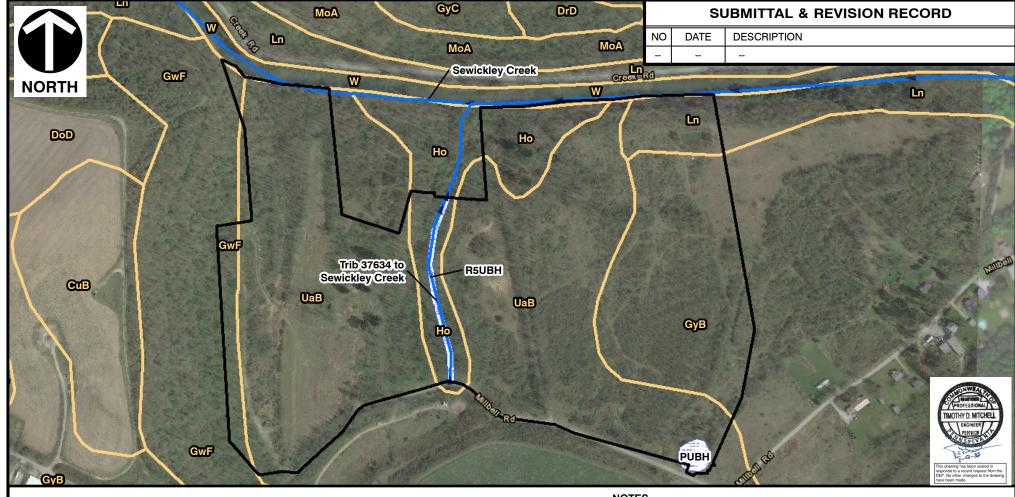
4000 Triangle Lane, Suite 200 - Export, PA 15632 724-327-5200 .800-899-3610

www.cecinc.com

MAX ENVIRONMENTAL TECHNOLOGIES, INC. YUKON LANDFILL NO. 7 SOUTH HUNTINGDON TOWNSHIP WESTMORELAND COUNTY, PENNSYLVANIA

#### SITE LOCATION MAP

KMC CHECKED BY: APPROVED BY: DRAWN BY: MAO\* FIGURE NO: \* Hand signature on file \*\* WDR-1 06/20/2018 170-822 DATE: SCALE: 1 " = 2.000 ' PROJECT NO:

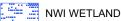


**LEGEND** 

PADEP 305B STREAM



SOIL UNIT



**DELINEATION BOUNDARY** 

#### **NOTES**

1. REFERENCED INFORMATION, INCLUDING PADEP 305B STREAMS AND NWI WETLANDS, IS LIMITED TO BE ONLY WITHIN THE DELINEATION BOUNDARY



#### **REFERENCES**

- PA DEPARTMENT OF ENVIRONMENTAL PROTECTION 305B STREAM DATA, 2004.
- U.S.D.A., N.R.C.S.
  SOIL SURVEY GEOGRAPHIC (SSURGO) DATABASE FOR WESTMORELAND COUNTY, PA, 2016.
- U.S. FISH & WILDLIFE SERVICE NATIONAL WETLANDS INVENTORY (NWI) MAP SMITHTON, PA QUAD, 2016.
- AERIAL PHOTOGRAPHY COPYRIGHT GOOGLE EARTH PRO, EXPORTED 03/07/2018 IMAGERY DATE 04/17/2016.



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KMC **SVP** APPROVED BY: DRAWN BY: CHECKED BY: MAO\* FIGURE NO: \* Hand signature on file 170-822 DATE: 06/26/2018 SCALE: 1 " = 400 ' PROJECT NO:

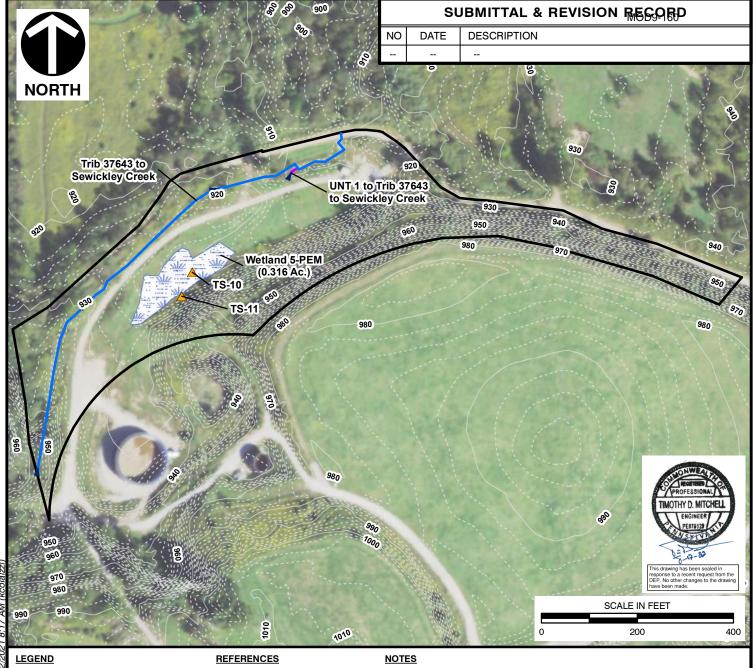
MAX ENVIRONMENTAL TECHNOLOGIES, INC.		
YUKON LANDFILL NO. 7		
SOUTH HUNTINGDON TOWNSHIP		
WESTMORELAND COUNTY, PENNSYLVANIA		

U.S. DEPARTMENT OF AGRICULTURE (USDA) SOILS AND NATIONAL WETLANDS INVENTORY (NWI) MAP



MOD9-36

\* Hand signature on file SHEET 1 OF 1



▲ TEST SITE

INTERMITTENT STREAM

PERENNIAL STREAM

WETLAND - PEM

DELINEATION BOUNDARY

- INDEX CONTOUR

- INTERMEDIATE CONTOUR

- PA DEPARTMENT OF ENVIRONMENTAL PROTECTION 305B STREAM DATA, 2004.
- PAMAP PROGRAM LIDAR DATA,
   1NTERVAL, 2006.
- 3. PA NAIP IMAGERY, 2019.
- THE WETLAND AND STREAM DELINEATION WAS CONDUCTED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. ON 03/08/2018.
- 2. CIVIL & ENVIRONMENTAL CONSULTANTS, INC. CONDUCTED THE WETLAND DELINEATION IN A MANNER CONSISTENT WITH THE CRITERIA CONTAINED IN THE 1987 U.S. ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (1987 MANUAL) AND THE 2012 REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: EASTERN MOUNTAINS AND PIEDMONT REGION, VERSION 2.0 (2012 REGIONAL SUPPLEMENT), AND WITH THE LEVEL OF CARE AND SKILL ORDINARILY EXERCISED BY MEMBERS OF THE ENVIRONMENTAL CONSULTING PROFESSION PRACTICING CONTEMPORANEOUSLY UNDER SIMILAR CONDITIONS IN THE LOCALITY OF THE PROJECT. IT MUST BE RECOGNIZEDTHE WETLAND DELINEATION WAS BASED ON FIELD OBSERVATIONS AND CIVIL & ENVIRONMENTAL CONSULTANTS' PROFESSIONAL INTERPRETATION OF THE CRITERIA IN THE 1987 MANUAL AND THE 2012 REGIONAL SUPPLEMENT. WETLAND DETERMINATIONS MAY CHANGE SUBSEQUENT TO CIVIL & ENVIRONMENTAL CONSULTANTS' DELINEATION BASED ON CHANGES TO REGULATORY CRITERIA, CHANGES TO DRAINAGE, AND OTHER HUMAN ACTIVITIES AND/OR LAND DISTURBANCES.



# Civil & Environmental Consultants, Inc.

4350 Northern Pike, Suite 141 - Monroeville, PA 15146 724-327-5200 · 800-899-3610

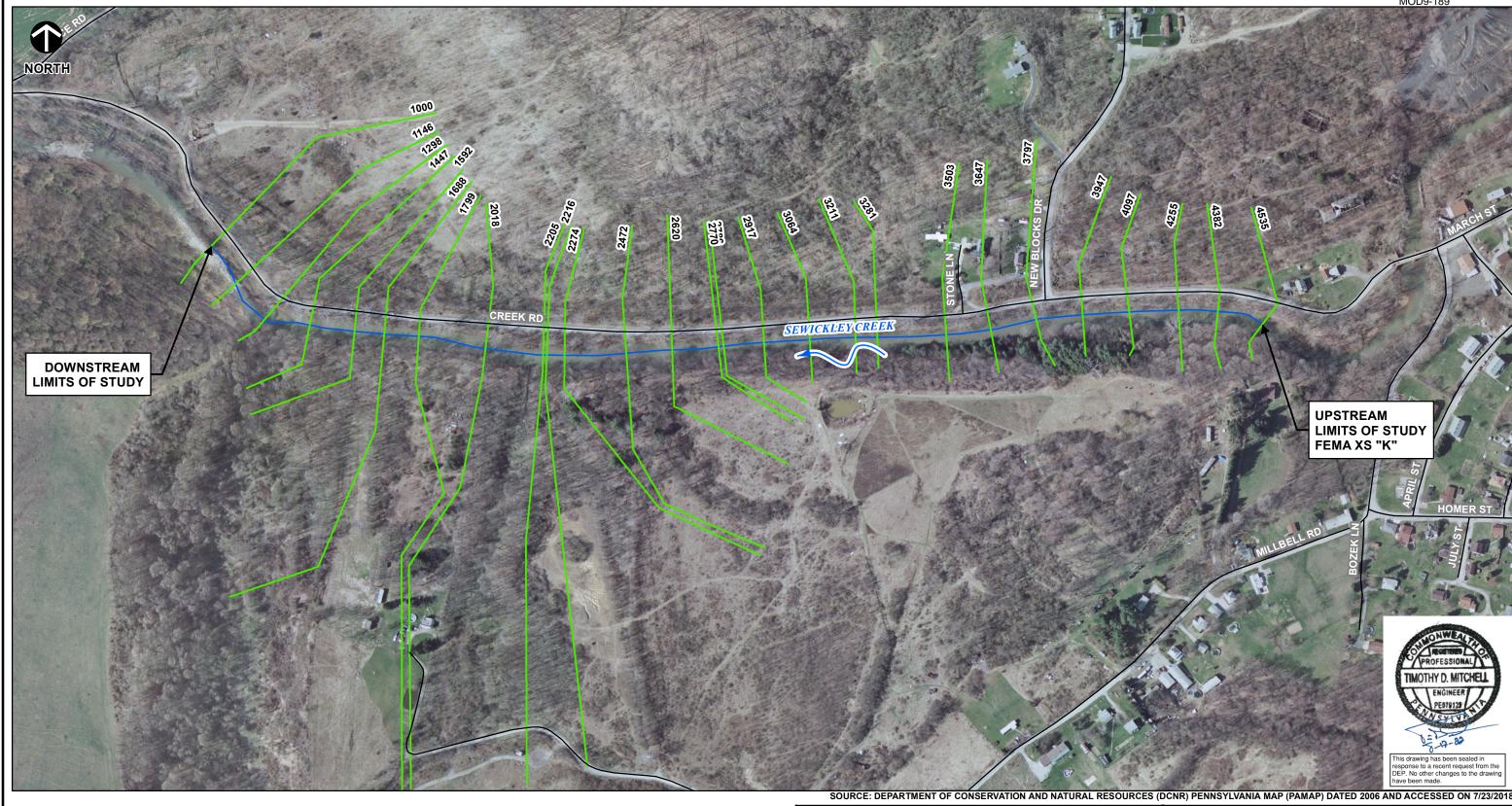
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MAX ENVIRONMENTAL TECHNOLOGIES, INC. HAZARDOUS WASTE LANDFILL NO. 7 SOUTH HUNTINGDON TOWNSHIP WESTMORELAND COUNTY, PENNSYLVANIA

WETLAND AND STREAM DELINEATION MAP

 DRAWN BY:
 KMC
 CHECKED BY:
 TDM
 APPROVED BY:
 PAK\*
 FIGURE NO:
 Hand signature on file on file on file

 DATE:
 03/05/2021
 SCALE:
 1 " = 200 ' PROJECT NO:
 170-822.2200
 \* Hand signature on file on file
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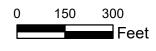


# Legend

Stream Centerline

Roads

**HEC-RAS Cross-Sections** 





## Civil & Environmental Consultants, Inc.

5899 Montclair Boulevard - Cincinnati, OH 45150 513-985-0226 - 800-759-5614

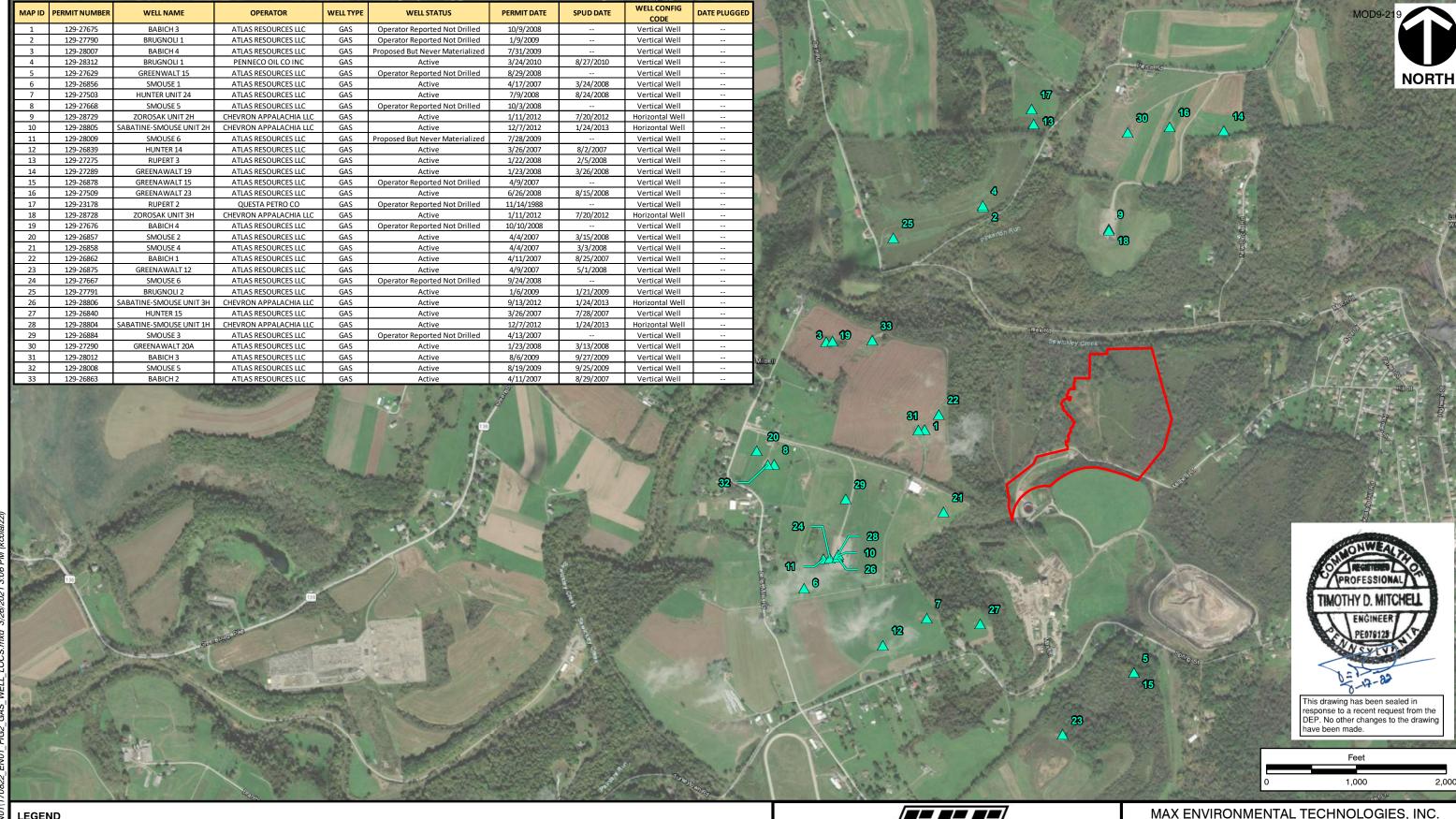
www.cecinc.com

DRAWN BY: MGS CHECKED BY: DATE:

MAX ENVIRONMENTAL TECHNOLOGIES, INC. LANDFILL NO. 7 DEVELOPMENT AREA SEWICKLEY CREEK SOUTH HUNTINGDON TOWNSHIP WESTMORELAND COUNTY, PENNSYLVANIA

HEC-RAS GEOMETRY MAP

MDG APPROVED BY: TDM\* FIGURE NO 1 " = 300 ' PROJECT NO: AUGUST 30, 2018 DWG SCALE: 170-822





GAS WELL LOCATION

PERMIT BOUNDARY

#### **REFERENCE**

PADEP OIL AND GAS WELL DIGITAL DATABASE, 2018

ESRI WORLD IMAGERY / ARCGIS MAP SERVICE: HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD IMAGERY, ACCESSED 3/26/2021, IMAGERY DATE: 2015.

# /IIIII/

# Civil & Environmental Consultants, Inc.

333 Baldwin Road - Pittsburgh, PA 15205-9072 412-429-2324 • 800-365-2324

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DRAWN BY: 03/26/2021 | SCALE: DATE:

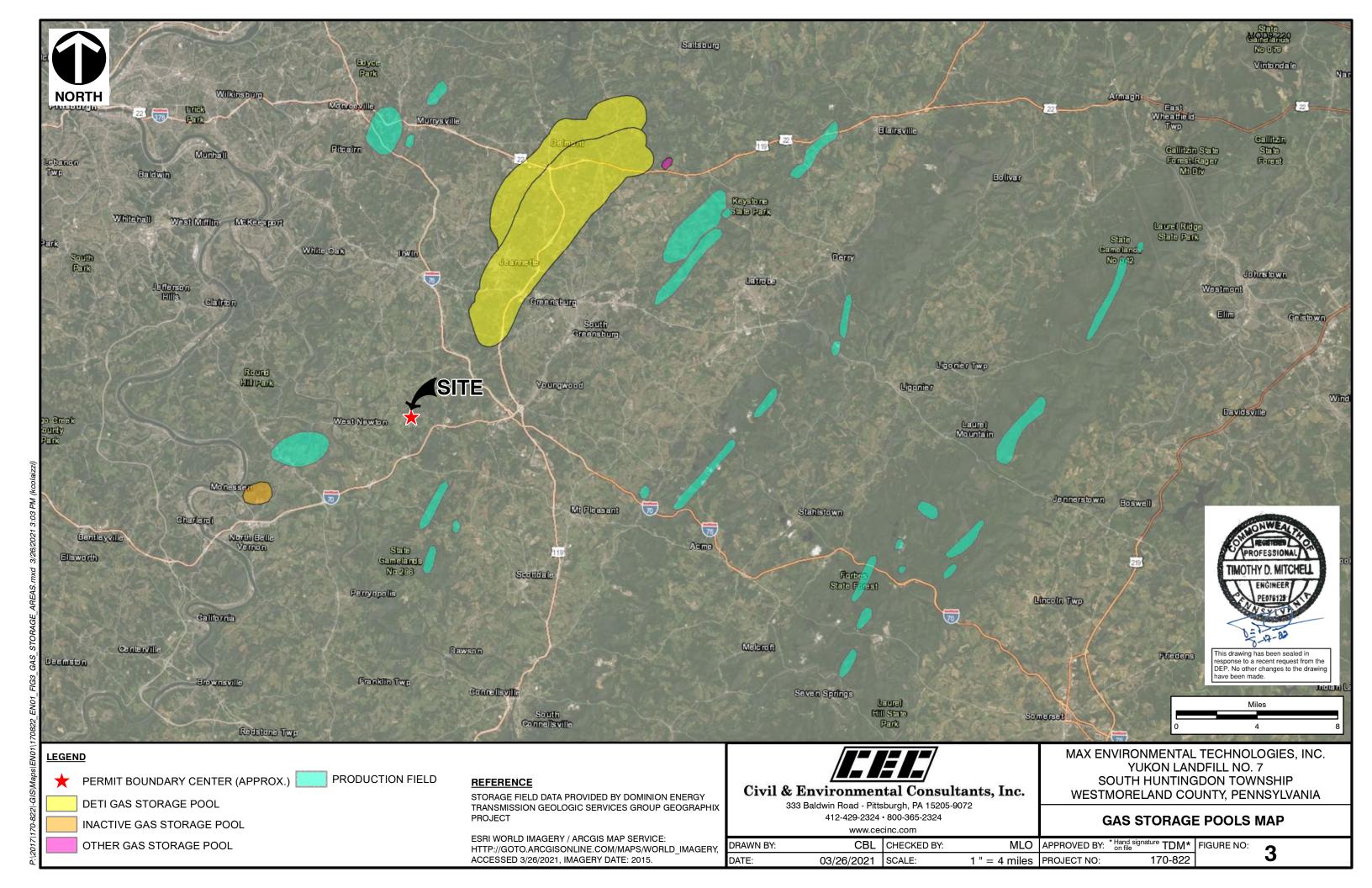
**GAS WELL LOCATION MAP** 

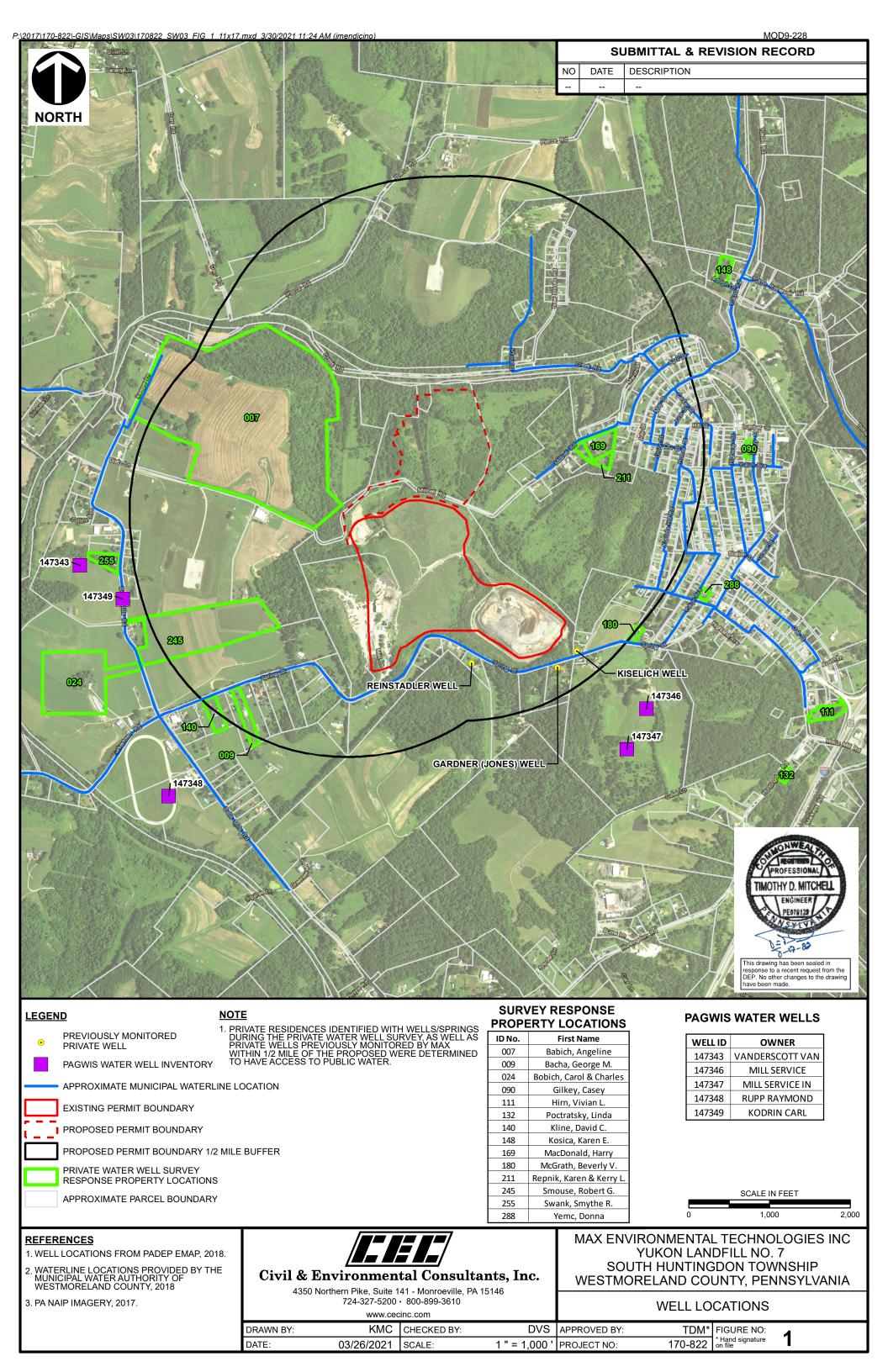
YUKON LANDFILL NO. 7

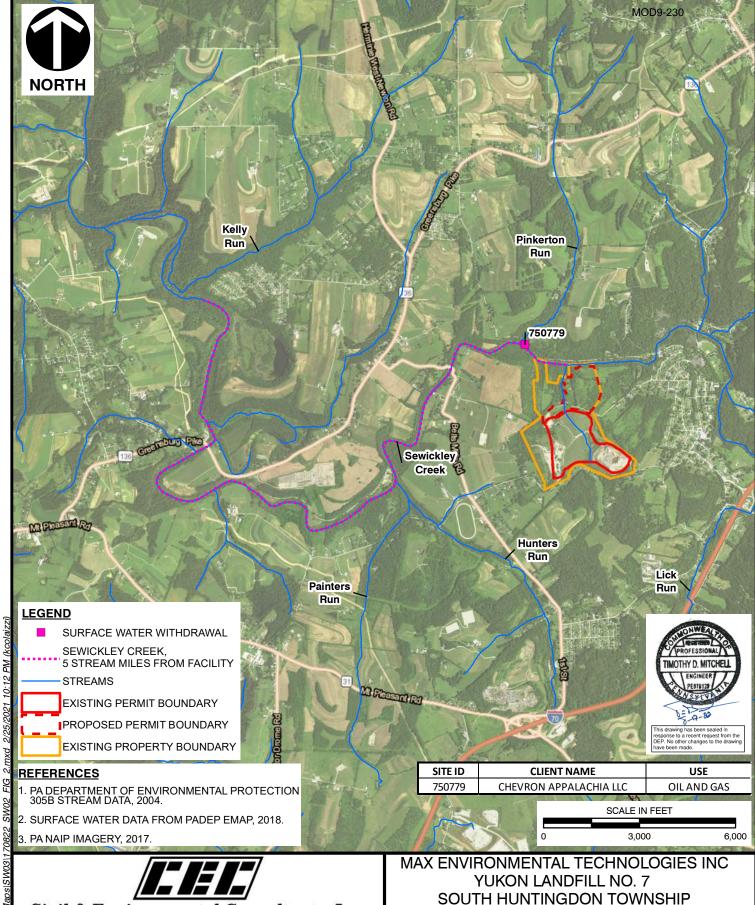
SOUTH HUNTINGDON TOWNSHIP

WESTMORELAND COUNTY, PENNSYLVANIA

MLO APPROVED BY: \* Hand signature TDM\* FIGURE NO: CBL CHECKED BY: 1 " = 1,000 feet | PROJECT NO: 170-822







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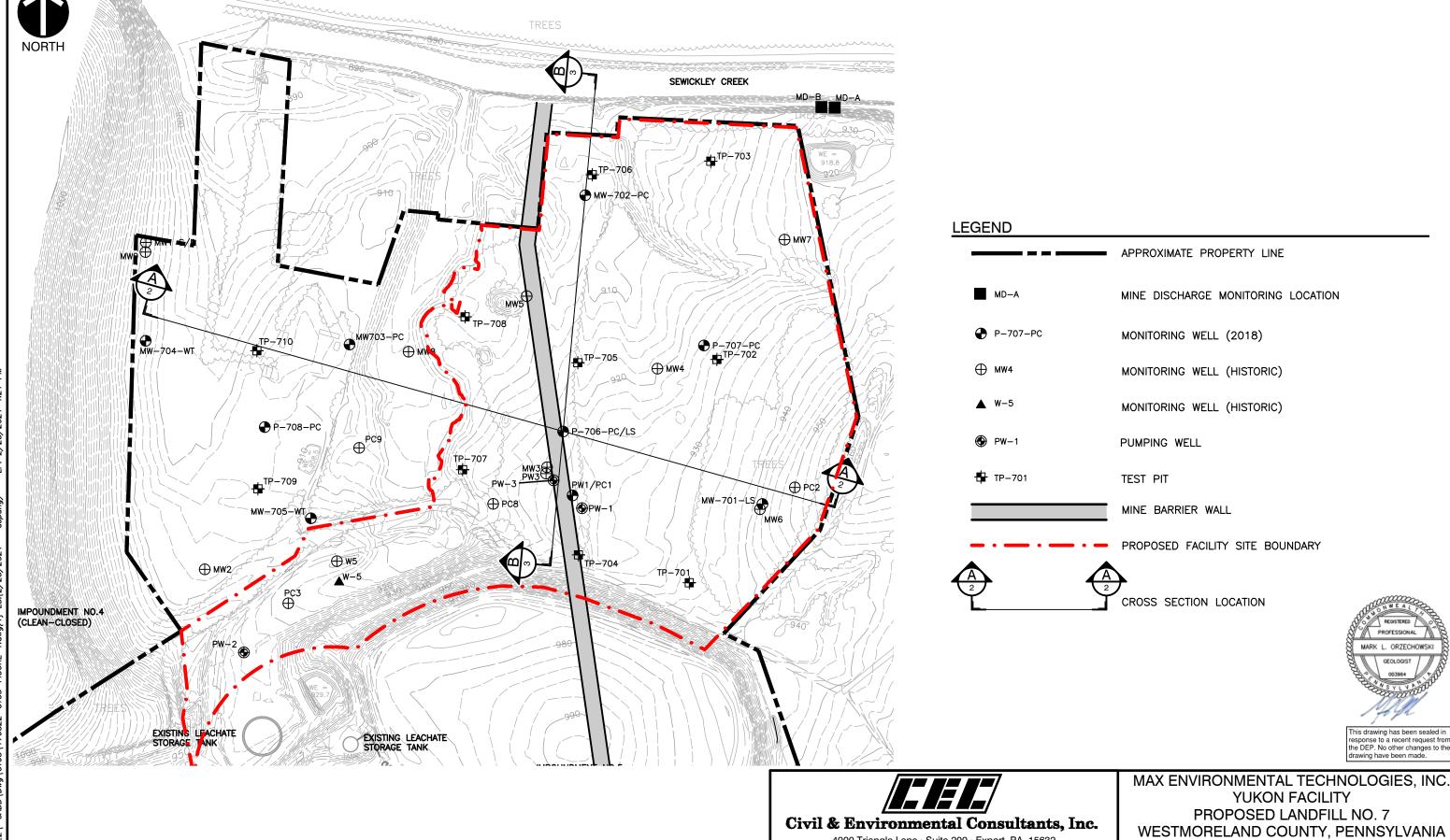
www.cecinc.com

 DRAWN BY:
 KMC
 CHECKED BY:
 DVS
 APPROVED BY:
 DRAFT\*
 FIGURE NO: \* Hand signature on file

 DATE:
 02/25/2021
 SCALE:
 1 " = 3,000 ' PROJECT NO:
 170-822
 \* Hand signature on file

WESTMORELAND COUNTY, PENNSYLVANIA

SURFACE WATER WITHDRAWAL LOCATIONS



SCALE IN FEET

250

500

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www.cecinc.com \*HAND SIGNATURE ON FILE

DRAWN BY: JML CHECKED BY: BJH APPROVED BY: MLO\* FIGURE NO. AS SHOWN PROJECT NO: DATE: 06/22/2018 DWG SCALE: 170-822

SITE LAYOUT

#### **GEOLOGIC CONDITIONS**

THE BORING LOGS AND RELATED INFORMATION PRESENTED HEREIN DEPICT SUBSURFACE CONDITIONS AT THE TEST BORING LOCATIONS AND AT THE TIME OF DRILLING. SOIL CONDITIONS AT OTHER LOCATIONS MAY DIFFER.

GEOLOGIC CORRELATIONS SHOWN BETWEEN TEST BORINGS GENERALLY ARE BASED ON STRAIGHT-LINE INTERPOLATION. ACTUAL CONDITIONS BETWEEN TEST BORINGS MAY DIFFER.



the DEP. No other changes to the drawing have been made.

This drawing has been sealed in esponse to a recent request from

# Civil & Environmental Consultants, Inc.

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www.cecinc.com \*HAND SIGNATURE ON FILE

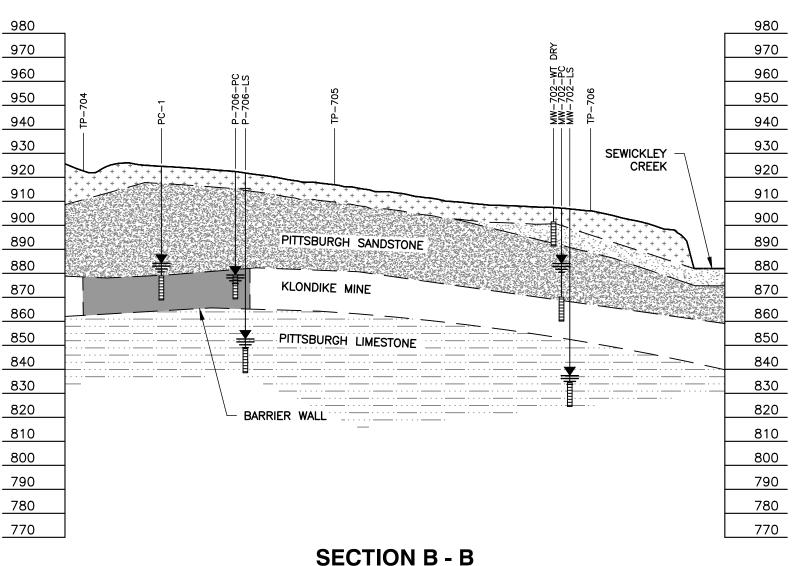
JML CHECKED BY:

YUKON FACILITY PROPOSED LANDFILL NO. 7 WESTMORELAND COUNTY, PENNSYLVANIA

MAX ENVIRONMENTAL TECHNOLOGIES, INC.

**GEOLOGIC CROSS SECTION A-A** 

BJH APPROVED BY: MLO\* FIGURE NO.: DRAWN BY: 06/22/2018 DWG SCALE: AS SHOWN PROJECT NO: 170-822



400

HORIZONTAL SCALE

SCALE IN FEET

200

# **LEGEND** UNCONSOLIDATED CLAY AND SILT SAND AND GRAVEL CONSOLIDATED REDSTONE COAL LIMESTONE (ARGILLACEOUS) PITTSBURGH SANDSTONE (SHALE AND SILTSTONE LENSES) MINING VOID/PITTSBURGH COAL (MAGEE AND KLONDIKE MINES) PITTSBURGH LIMESTONE (LIMEY SHALES, SILTSTONES AND SANDSTONES WITH THIN BEDS OF ARGILLACEOUS LIMESTONE) CONTACT — INFERRED CONTACT STATIC WATER LEVEL ON 7/19/2018 MONITORING WELL

SCREENED INTERVAL

#### **GEOLOGIC CONDITIONS**

THE BORING LOGS AND RELATED INFORMATION PRESENTED HEREIN DEPICT SUBSURFACE CONDITIONS AT THE TEST BORING LOCATIONS AND AT THE TIME OF DRILLING, SOIL CONDITIONS AT OTHER LOCATIONS MAY DIFFER.

GEOLOGIC CORRELATIONS SHOWN BETWEEN TEST BORINGS GENERALLY ARE BASED ON STRAIGHT-LINE INTERPOLATION. ACTUAL CONDITIONS BETWEEN TEST BORINGS MAY DIFFER.



VERTICAL SCALE

SCALE IN FEET

This drawing has been sealed in response to a recent request from the DEP. No other changes to the drawing have been made



4000 Triangle Lane · Suite 200 · Export, PA 15632 724-327-5

-5200 · 800-899-3610		GEOLOGIC CROSS
ww.cecinc.com	*HAND SIGNATURE ON FILE	

**SECTION B-B** 

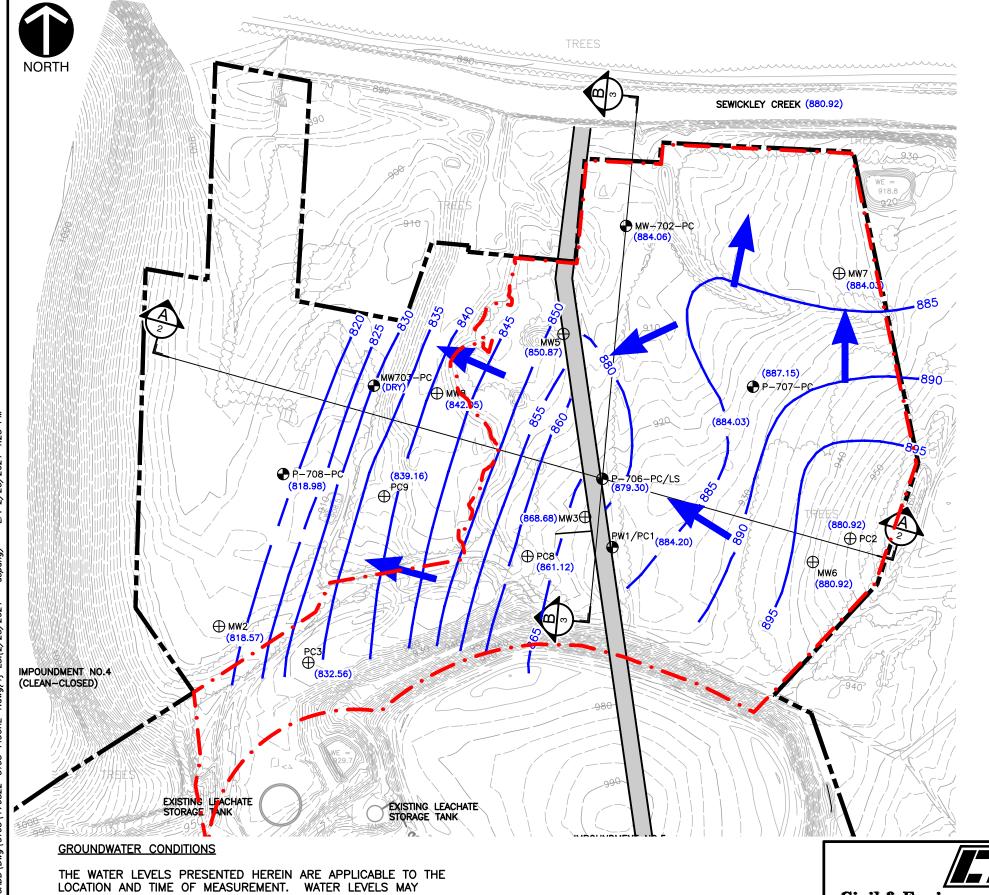
MAX ENVIRONMENTAL TECHNOLOGIES, INC.

YUKON FACILITY

PROPOSED LANDFILL NO. 7

WESTMORELAND COUNTY, PENNSYLVANIA

MLO\* FIGURE NO.: DRAWN BY: JML CHECKED BY: BJH APPROVED BY: 06/22/2018 DWG SCALE: AS SHOWN PROJECT NO: 170-822 DATE:



**LEGEND** 

APPROXIMATE PROPERTY LINE

MD-A

MINE DISCHARGE MONITORING LOCATION

₱ P-707-PC

MONITORING WELL (2018)

⊕ MW4

MONITORING WELL (HISTORIC)

MONITORING WELL (HISTORIC)

♠ PW-1

PUMPING WELL

🖶 TP-701

TEST PIT

MINE BARRIER WALL

CROSS SECTION LOCATION

PROPOSED FACILITY SITE BOUNDARY

(895.17)

WATER ELEVATION MEASURED 7/19/2018

WATER TABLE CONTOUR, DASHED WHERE INFERRED

APPROXIMATE GROUNDWATER FLOW DIRECTION



This drawing has been sealed in response to a recent request from the DEP. No other changes to the drawing have been made.

FLUCTUATE THROUGH TIME.

POTENTIOMETRIC CONTOURS GENERATED FROM THIS DATA ARE CONSTRUCTED BY INTERPOLATION BETWEEN POINTS OF KNOWN STATIC WATER LEVEL ELEVATIONS AND USING KNOWLEDGE OF SPECIFIC SITE CONDITIONS. ACTUAL STATIC WATER LEVELS AT LOCATIONS BETWEEN THE MONITORING POINTS MAY DIFFER FROM THOSE DEPICTED.

SCALE IN FEET 250 500



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JML CHECKED BY:

MAX ENVIRONMENTAL TECHNOLOGIES, INC. YUKON FACILITY PROPOSED LANDFILL NO. 7 WESTMORELAND COUNTY, PENNSYLVANIA

WATER TABLE CONTOURS

DRAWN BY: BJH APPROVED BY: MLO\* FIGURE NO.: DATE: 06/22/2018 DWG SCALE: AS SHOWN PROJECT NO: 170-822



Sewickley Creek



#### REFERENCE

USGS TOPOGRAPHIC MAP/ ARCGIS MAP SERVICE: HTTP://GOTO.ARCGISONLINE.COM/MAPS/ USA\_TOPO\_MAPS, ACCESSED 2/25/2021



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www.cecinc.com

DRAWN BY: CCP | CHECKED BY:

DATE:

February 25, 2021 SCALE:

MDG 1"=1,000'

APPROVED BY: PROJECT NO:

**BRIDGE LOCATION MAP** MDG FIGURE NO: 170-822

MAX ENVIRONMENTAL TECHNOLOGIES, INC.

LANDFILL NO. 7 DEVELOPMENT AREA

SEWICKLEY CREEK

WESTMORELAND COUNTY, PENNSYLVANIA

**BELLS MILLS COVERED** 

250

Ms. Sharon Svitek
Program Manager, Bureau of Waste Management
Pennsylvania Department of Environmental Protection
Bureau of Waste Management
Southwest Regional Office
400 Waterfront Drive
Pittsburgh, Pennsylvania 15222-4745

Dear Ms. Svitek:

Subject: Contiguous Landowner Notifications

Phase I Application for Haz. Waste Landfill No. 7

MAX Environmental Technologies, Inc. – Yukon Facility South Huntingdon, Westmoreland County, Pennsylvania

CEC Project 170-822.2232

This letter is intended to document that the seven (7) letters, associated with the required continuous landowner notifications, which were originally sent via certified mail, and were then returned to sender, were resent via regular mail. The seven owners receiving the notification letters via regular mail include:

- Virginia & Sampson Harris;
- Charles & Kathleen Hoadwonic;
- Cynthia Kelley;
- George & Holly Knepper;
- Matthew Sever Jr.;
- John & Marsha Tomay; and
- Craig Zafaras.

To date, none of the seven (7) contiguous landowner notification letters sent via regular mail have been returned.

Sincerely,

Carl Spadaro

Environmental General Manager

antipactus

MAX Environmental Technologies, Inc.