

Centre County  
Recorder Of Deeds

414 Holmes Street Suite 1  
Bellefonte, PA 16823  
814-355-6801



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R02118/0060      15 pages

Instrument # 1356

Header Page

This Page is not part of the official record,  
and can be discarded after Recording.

Return To:

NAVITUS LLC  
C/O GEORGE P WOLF  
1965 WADDLE ROAD  
STATE COLLEGE PA 16803

Environmental Covenant

15-8  
40.50  
ENV



When recorded, return to:  
Navitus, LLC  
1965 Waddle Road  
State College, PA 16801

The County Parcel Identification No. of the Property is: 13-003-022-0000.

**GRANTOR: Navitus, LLC**

**PROPERTY ADDRESS: 2022 Axemann Road, Bellefonte, PA 16823**

**ENVIRONMENTAL COVENANT**

This Environmental Covenant is executed pursuant to the Pennsylvania Uniform Environmental Covenants Act, Act No. 68 of 2007, 27 Pa. C.S. §§ 6501 – 6517 (UECA). This Environmental Covenant subjects the Property identified in Paragraph 1 to the activity and/or use limitations in this document. As indicated later in this document, this Environmental Covenant has been approved by the Pennsylvania Department of Environmental Protection (Department).

1. **Property affected.** The property affected (Property) by this Environmental Covenant is located in Spring Township, Centre County.

The postal street address of the Property is: 2000 Axemann Road, Suites 100-199, Bellefonte, PA 16823.

The latitude and longitude of the center of the Property affected by this Environmental Covenant is: Latitude 40° 53'55.38" and Longitude: 77 ° 46'25.49".

The Property has been known by the following name(s): Alpha Metal Company, Titan Metal Company, Consolidated Coppermines Corporation, Cerro Copper & Brass Company, Cerro Metal Products, Bolton Metal Products, and currently Titan Energy Park.

The DEP Primary Facility ID for Plant 4 is #722133 and the Remedial ID is #39039.

A legal description of the portion of the Property which is being restricted is attached to this Environmental Covenant as Exhibit A. Please note that only a portion of the Property is being restricted. A map of the area subject to this covenant is also attached to this Environmental Covenant as Exhibit B.

2. **Property Owner / GRANTOR / GRANTEE.** Navitus, LLC is the owner of the Property and the GRANTOR. The Marmon Group, LLC is the GRANTEE of this Environmental Covenant.

The mailing address of the owner is: 1965 Waddle Road, State College, PA 16801.

3. **Holder(s) / GRANTEE(S).** The following is/are the GRANTEE(s) and a "holder," as that term is defined in 27 Pa. C.S. § 6502, of this Environmental Covenant: The Marmon Group, LLC, 181 West Madison Street, 26th Floor, Chicago, Illinois, 60602-4510.

4. **Description of Contamination & Remedy.** As required by 27 Pa.C.S. § 6504(a)(3) and (a)(7) and as permitted by 27 Pa.C.S. § 6504(b)(6), the following is a brief description of the property contamination.

The site manufacturing history dates back to 1915 when the Bellefonte facility began operation as Alpha Metal Co. Shortly thereafter, the name was changed to Titan Metal Company and in 1925, the company was re-organized and the name changed to Titan Metal Manufacturing Company (Titan). Ownership of Titan passed to Consolidated Coppermines Corporation in 1947, then to Cerro Corporation in 1959 and in 1962 was renamed Cerro Copper & Brass Company. In 1972, Cerro Copper & Brass Company was split into two divisions and the Cerro Metal Products Division of Cerro Corporation was headquartered in Bellefonte, PA. In 1976, Cerro Corporation merged with the Marmon Group, LLC and the Bellefonte, PA based company was subsequently renamed the Cerro Metal Products Company. In February of 2007, the ownership of the Cerro including the Bellefonte, PA manufacturing facility site was sold by Marmon to Bolton Metals of Aldrich Walsall, West Midlands, England and was renamed as Bolton Metal Products Company. On February 1, 2008, Bolton announced the closure of the Bellefonte brass rod manufacturing operation as well as the sale of its business and equipment to Chase Brass & Copper Co. Inc. located in Montpelier, OH. The site remained inactive and was decommissioned until February of 2012, when a partnership named Navitus, LLC purchased the property and has begun the revitalization of the facility. The facility has since been renamed to Titan Energy Park.

Historic operations at the site have included forging, machining, melting, casting, pickling, drawing, and the finishing of metals, specifically copper and brass. Cerro historically handled and stored various lubricants, oils, degreasers, sulfuric acid and hydrogen peroxide for operations conducted on site. The manufacturing operations flowed in a southern to northern direction through the site buildings. Raw and scrap metals, which have included copper, zinc, lead, brass, and other alloying metals, were delivered to the South Yard before being deposited into Plant 4 where they were housed in the southern most section of Plant 4 to prevent contact with precipitation. The raw and scrap metals were melted in Plant 4 and turned into ingots. The ingots were extruded into various shapes and lengths within the middle section to northern section of Plant 4. The northern most area of Plant 4 was used for drawing (sizing) of the brass rod and wire

as well as storing the finished products. The northwestern section of Plant 4 was the shipping area for the finished product.

Contamination of the Plant 4 property can be attributed to historic oil leakage from hydraulic piston/pit of older melting furnaces (TAMAs), iron and copper slag and ash buried beneath a significant portion of Plant 4, and periodic use and spillage of industrial degreasers in historic manufacturing operations.

The characterization of the Plant 4 area of the property consisted of soil borings, groundwater monitoring well installation/sampling, soil vapor sampling, and indoor air sampling.

The field work for the characterization of soil beneath Plant 4 was initiated on July 21, 2007. A total of thirty-three unbiased soil borings, SB-57U through SB-89U; and five biased soil borings, SB-22B through SB-26B, were advanced in Plant 4. The soil samples were analyzed for VOCs, SVOCs, TPH, PCBs, and metals or some combination if the soil sample was biased, via United States Environmental Protection Agency (USEPA) Methods SW846 8260B, SW846 8270C, SW846 8015 DRO, SW846 8082, and SW846 6010B or 7471A, respectively, and were accompanied by Chain-of-Custody documentation. In all, 92 VOC, 93 metals, and 78 PCB soil samples (includes both biased and unbiased samples) were collected and analyzed in Plant 4.

The field work for the characterization of groundwater beneath Plant 4 was initiated on July 21, 2007. A total of thirty-two groundwater monitoring wells and three recovery wells were installed in the Plant 4 vicinity in order to characterize and remediate groundwater. The monitoring wells were located in areas where the soil samples reportedly contained elevated concentrations of compounds of concern (COC), areas where former equipment was located, areas downgradient of the former equipment, and between the suspected source area and the likely receptor (Logan Branch). The overburden within Plant 4 ranged from five ft-bgs to 20 ft-bgs. Groundwater samples from the monitoring wells were analyzed for VOCs, PCBs, and metals or a variation of these constituents depending on the location and suspected contaminant.

Various interim remedial actions have been completed in Plant 4 since the site characterization began. The remedial actions are listed below with further detail in the following paragraphs.

- The shutdown of operations and decommissioning of equipment within Plant 4.
- Removal of acid pickling vats and the associated concrete, bricks, and gravel with the pickling vats.
- Cleaning and disposal of oils, cuttings, and other hazardous items associated with the industrial process of brass.
- The abandonment of Tamas 1-5, the sister borehole of Tama 5, and dewatering well.
- The cleaning of various pits within Plant 4.
- The recovery of DNAPL within well SB-79U-D using a Blackhawk pump.

- The removal of DNAPL within monitoring and recovery wells in the Tama 3 and 4 area using disposable bailers.

During the decommissioning of the plant, the boreholes that contained Tamas 1 through 5, and the sister borehole of Tama 5 were filled with concrete. The hydraulic pistons were first removed and any oil remaining in the boreholes or the annular space between the floor and the casing of the Tama was pumped into 55 gallon DOT approved drums. An attempt to remove brass cuttings within the annular space was made; however, the cuttings were encapsulated in concrete due to the depth and hardness of the cuttings. Concrete trucks were driven into the plant and poured the concrete slurry mix directly into the boreholes and pits, ensuring complete closure and abandonment of the annular space. The concrete was finished flush with the existing floor. This same process occurred for the six Tama boreholes and the dewatering well within the Tama 5 area.

Approximately 116 (3 years) DNAPL and groundwater gauging events were completed to determine the areas where measureable DNAPL was still present. The DNAPL appears to be isolated to the area surrounding SB-79U-D. Manual recovery of the DNAPL via a disposable bailer was completed in each well with more than 0.1 feet of DNAPL. Manual DNAPL recovery was completed on a weekly basis.

The PADEP requires post-remedial monitoring as part of pursuing site closure using SSS via pathway elimination. A quarterly gauging and sampling event has been proposed and accepted for three years following the approval of the Final Report for the Plant 4 area. Groundwater gauging and sampling will be completed using the USEPA Region 3 Low-Flow Sampling Procedure. The results of the quarterly reporting will be summarized in quarterly reports which will be submitted to the PADEP. Quarterly reports will be submitted for the three years of post-remedial monitoring.

Site closure is being pursued using the site-specific standard (SSS) and the evaluation of potential exposure pathways. A Remedial Investigation Report (RIR), Former Cerro Metal Products Bellefonte Facility, 2022 Axemann Road, PADEP Facility #14-17981, Spring Township, Centre County, Bellefonte, Pennsylvania, March 2010, by Chambers Environmental Group, Inc., was submitted to the Department on March 31, 2010. A Final Report entitled Final Report, Former Cerro Metal Products Bellefonte Facility, 2022 Axemann Road, PF #722133 & Rem. #39039, Spring Township, Centre County, Bellefonte, Pennsylvania, March 2012, by Letterle & Associates, LLC, was submitted to the Department on March 7, 2012. The Final Report was approved on September 7, 2012. The Final Report summarizes the attainment of SSS for the site COC.

5. **Activity & Use Limitations.** The area of the property subject to this Environmental Covenant is subject to the following activity and use limitations, which the then current owner of the Property, and its tenants, agents, employees and other persons under its control, shall abide by: The use of the Property is restricted to non-residential purposes as that term is defined in the Land Recycling and Environmental Remediation Standard Act (Act 2) and its regulations (this restriction applies to schools, nursing homes or other residential-style facilities or recreational areas). Additionally, the

Property is subject to the following activity and use limitations, which the then current owner and each subsequent owner of the Property, and its tenants, agents, employees and other persons under its control, shall abide by:

- 1) Groundwater may not be used as a potable water supply nor for agricultural purposes unless tested and treated accordingly for its intended purposes, as approved by writing by the Department of Environmental Protection; and,
- 2) A soil handling plan that includes notification to the Department of Environmental Protection shall be developed if soil will be disturbed within Plant 4, and the handling of all soil must comply with the Management of Fill Policy, Document Number 258-2182-773.

6. **Notice of Limitations in Future Conveyances.** Each instrument hereafter conveying any interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of this Environmental Covenant.

7. **Compliance Reporting.** After written request by the Department or by the end of every third January following the Department's approval of this Environmental Covenant, the then current owner of the Property shall submit, to the Department and any Holder listed in Paragraph 3, written documentation stating whether or not the activity and use limitations in this Environmental Covenant are being abided by. In addition, within 1 month after any of the following events, the then current owner of the Property shall submit, to the Department and any Holder listed in Paragraph 3, written documentation: noncompliance with the activity and use limitations in this Environmental Covenant; transfer of the Property; changes in use of the Property; or filing of applications for building permits for the Property and any proposals for any site work, if the building or proposed site work will affect the contamination on the Property subject to this Environmental Covenant.

8. **Access by the Department.** In addition to any rights already possessed by the Department, this Environmental Covenant grants to the Department a right of reasonable access of the Property in connection with implementation or enforcement of this Environmental Covenant.

9. **Recording & Proof & Notification.** Within 30 days after the date of the Department's approval of this Environmental Covenant, the Owner shall file this Environmental Covenant with the Recorder of Deeds for each County in which the Property is located, and send a file-stamped copy of this Environmental Covenant to the Department within 60 days of recording. Within that time period, the Owner also shall send a file-stamped copy to each of the following: Spring Township and Centre County; any Holder identified in this Environmental Covenant listed in Paragraph 3; Navitus, LLC.

10. **Termination or Modification.**

(a) This Environmental Covenant may only be terminated or modified in accordance with 27 Pa. C.S. §§ 6509 or 6510, or in accordance with this paragraph.

(b) This Environmental Covenant may be amended or terminated as to any portion of the Property that is acquired for use as state highway right-of-way by the Commonwealth provided that: (1) the Department waives the requirements for an environmental covenant and for conversion pursuant to 27 Pa. C.S. §6517 to the same extent that this Environmental Covenant is amended or terminated; (2) the Department determines that termination or modification of this Environmental Covenant will not adversely affect human health or the environment; and (3) the Department provides 30-days advance written notice to the current property owner, each holder, and, as practicable, each person that originally signed the Environmental Covenant or successors in interest to such persons.

(c) This Environmental Covenant shall terminate upon attainment, in accordance with 35 P.S. §§ 6026. 101 – 6026.908, with an unrestricted use remediation standard for the above-described contamination at the Property. The Department must approve, in writing, of such termination.

(d) In accordance with 27 Pa. C.S. § 6510(a)(3)(i), Grantor hereby waives the right to consent to any amendment or termination of the Environmental Covenant by consent; it being intended that any amendment to or termination of this Environmental Covenant by consent in accordance with this Paragraph requires only the following signatures on the instrument amending or terminating this Environmental Covenant: (i) the Holder at the time of such amendment or termination; (ii) the then current owner of the Property and (iii) the Department.


11. **Department's address.** Communications with the Department regarding this Environmental Covenant shall be sent to:

Environmental Program Manager  
Commonwealth of Pennsylvania Department of Environmental Protection  
208 West Third Street, Suite 101  
Williamsport, PA 17701  
Mr. Ted Loy, Environmental Cleanup Program

12. **Severability.** The paragraphs of this Environmental Covenant shall be severable and should any part hereof be declared invalid or unenforceable, the remainder shall continue in full force and effect between the parties.

ACKNOWLEDGMENTS by Owner(s) and any Holder(s), in the following form:

Date: 10/08/12

Navitus, LLC, Grantor  
By:   
Name: EDDIE LAUTH  
Title: MANAGER

Date: Marmon Industrial Companies, Inc., Grantee  
By: *R. Webb*  
Name: ROBERT W. WEBB  
Title: SECRETARY  
*R.W.*

Date: *1/9/2013*  
APPROVED, by Commonwealth of Pennsylvania,  
Department of Environmental Protection  
By: *TEDE. Foy*  
Name: TEDE. Foy  
Title: Environmental Manager

Date: *12/28/12*  
APPROVED, by United States Environmental Protection  
Agency, Region 3  
By: *Abraham Ferdas*  
Name: Abraham Ferdas  
Title: Dir. Land & Chemicals Div.



COMMONWEALTH OF PENNSYLVANIA )  
 )  
COUNTY OF CENTRE ) SS:

On this 8<sup>th</sup> day of October, 2012, before me, the undersigned officer, personally appeared Edward Lantz who acknowledged himself to be the person whose name is subscribed to this Environmental Covenant, and acknowledged that he executed same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

Nancy H. Rush

Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Nancy H. Rush, Notary Public

Patton Twp., Centre County

My Commission Expires Aug. 6, 2015

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

COMMONWEALTH OF PENNSYLVANIA )  
 )  
COUNTY OF CENTRE ) SS:

On this 15<sup>th</sup> day of October, 2012, before me, the undersigned officer, personally appeared Robert W. Welch [Holder, Grantee] who acknowledged himself to be the person whose name is subscribed to this Environmental Covenant, and acknowledged that s/he executed same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

Yolanda Salgado

Notary Public

OFFICIAL SEAL

YOLANDA SALGADO

Notary Public - State of Illinois

My Commission Expires Nov 09, 2013

[  
COMMONWEALTH OF PENNSYLVANIA )  
 )  
COUNTY OF LYCOMING ) SS:

On this 9<sup>th</sup> day of January, 2013, 2012, before me, the undersigned officer, personally appeared Mr. Ted Loy, who acknowledged himself/herself to be the Environmental Cleanup Program Manager of the Commonwealth of Pennsylvania, Department of Environmental Protection, Northcentral, whose name is subscribed to this Environmental Covenant, and acknowledged that s/he executed same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

Suzanne M. Fedele

Notary Public

SUZANNE M. FEDELE  
Prothonotary & Clerk  
Williamsport, Lycoming County  
My Commission Expires Jan. 4, 2015

Date: 12/28/12

APPROVED, by USEPA Region III  
1650 Arch Street, Philadelphia PA 19103-2029  
Director, Land and Chemicals Division

By Abraham Ferdas  
Name Abraham Ferdas

United States Environmental Protection Agency )  
 )  
 ) SS:

On this 28<sup>th</sup> day of December, 2012, before me, the undersigned officer, personally appeared Abraham Ferdas, who acknowledged himself to be the Director, Land and Chemicals Division of the United States Environmental Protection Agency Region III, whose name is subscribed to this Environmental Covenant, and acknowledged that he executed same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

Alec L. Jackson  
Notary Public

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
ALEC L. JACKSON, Notary Public  
City of Philadelphia, Phila. County  
My Commission Expires January 10, 2013

**Attachment A**  
**Legal Description of Area of Property Subject to Restriction**

## Description of Environmental Covenant Boundary for the Area known as Building 4 of the Titan Energy Park

BEGINNING AT A POINT along the easterly right of way of the Nittany & Bald Eagle Railroad and the extended centerline of Eppley White Road, said point being a distance of 20.00 feet off the centerline of tracks of said railroad and the southernmost corner of the area described herein. Thence along the right of way of said railroad the following 7 courses:

1. Along a curve to the left having a chord bearing of N 39°05'17" W, a radius of 897.50 feet, an arc length of 30.53 feet and a chord distance of 30.53 feet to a point;
2. N 40°39'53" W a distance of 256.76 feet to a point;
3. Along a curve to the right having a chord bearing of N 34°12'42" W, a radius of 1405.38 feet, an arc length of 315.31 feet and a chord distance of 314.65 feet to a point;
4. Along a curve to the left having a chord bearing of N 26°51'44" W, a radius of 51982.97 feet, an arc length of 460.82 feet and a chord distance of 460.81 feet to a point;
5. Along a curve to the left having a chord bearing of N 41°16'42" W, a radius of 949.38 feet, an arc length of 466.77 feet and a chord distance of 462.08 feet to a point;
6. N 54°57'58" W a distance of 328.24 feet to a point;
7. Along a curve to the right having a chord bearing of N 51°54'01" W, a radius of 1422.57 feet, an arc length of 203.96 feet and a chord distance of 203.79 feet to a point;

Thence leaving said right of way and crossing Logan Branch N 58°04'31" E to a concrete wall corner at 58.91 feet and continuing along the face of said wall to a total distance of 129.97 feet to a point; thence continuing along same N 80°11'54" E leaving said wall at 94.26 feet to a total distance of 128.87 feet to a point; thence N 39°02'09" E to a point of tangency of a concrete wall at the spring at 10.34 feet and continuing along said wall to a total distance of 31.43 feet to a point; thence along same the following 2 courses:

1. N 46°42'01" W a distance of 0.48 feet to a point;
2. N 38°31'24" E leaving said wall at a point of curvature at 17.18 feet to a total distance of 33.20 feet to a point;

Thence S 55°57'25" E to a corner of a concrete block retaining wall at 95.88 feet and continuing the face of said wall to a total distance of 186.53 feet to a point; thence along said wall the following 13 courses:

1. S 56°58'34" E a distance of 173.65 feet to a point;

Description of Environmental Covenant Boundary  
for the Area known as Building 4 of the  
Titan Energy Park

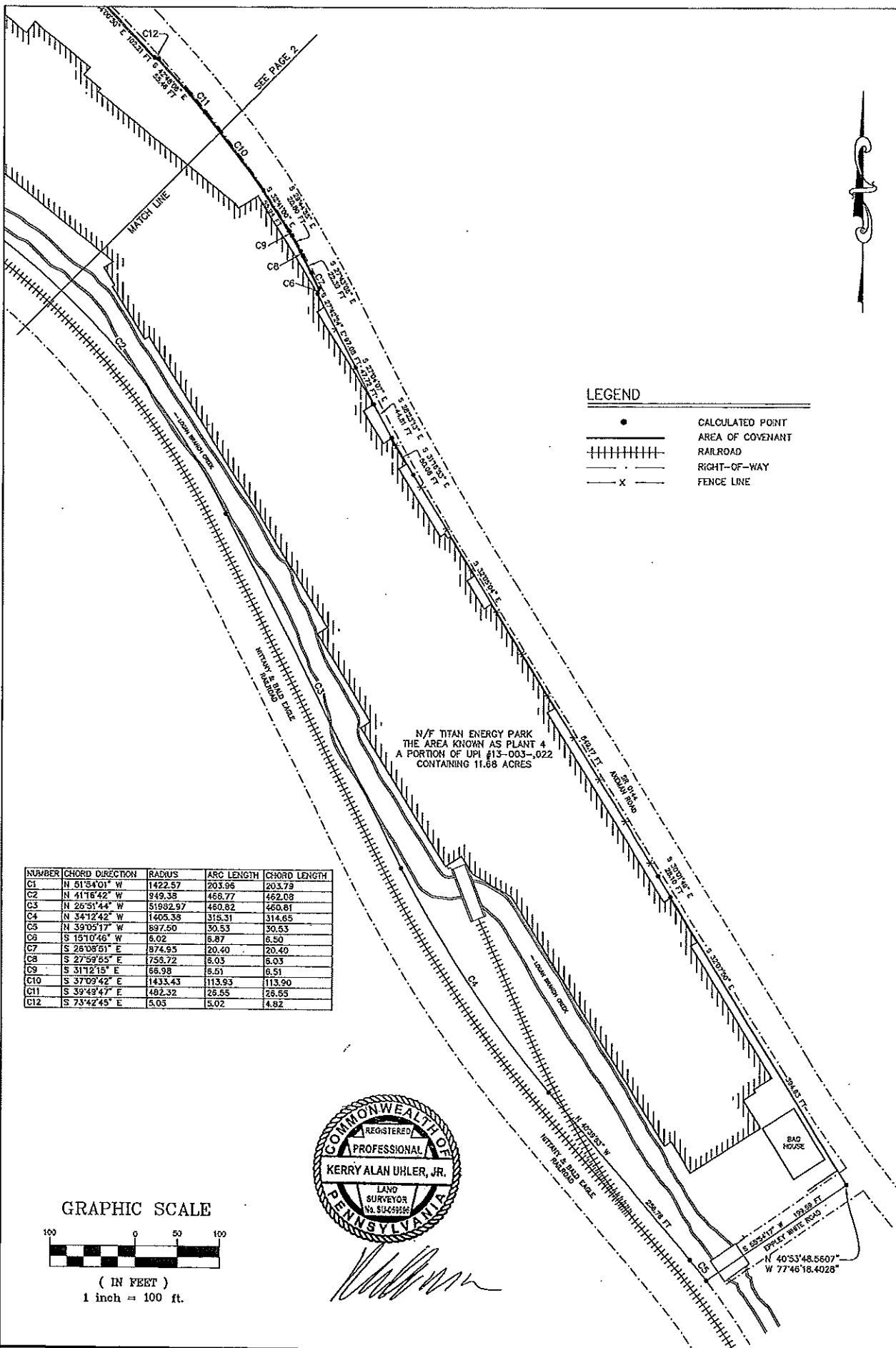
2. S 44°00'30" E a distance of 102.21 feet to a point;
3. Along a curve to the right having a chord bearing of S 73°42'45" E, a radius of 5.05 feet, an arc length of 5.02 feet and a chord distance of 4.82 feet to a point;
4. S 42°48'06" E a distance of 55.46 feet to a point;
5. Along a curve to the right having a chord bearing of S 39°49'47" E, a radius of 482.32 feet, an arc length of 26.55 feet and a chord distance of 26.55 feet to a point;
6. Along a curve to the right having a chord bearing of S 37°09'42" E, a radius of 1433.43 feet, an arc length of 113.93 and a chord distance of 113.90 feet to a point;
7. S 32°41'00" E a distance of 55.94 feet to a point;
8. Along a curve to the right having a chord bearing of S 31°12'15" E, a radius of 66.98 feet, an arc length of 6.51 feet and a chord distance of 6.51 feet to a point;
9. S 29°44'55" E a distance of 20.80 feet to a point;
10. Along a curve to the right having a chord bearing of S 27°59'55" E, a radius of 756.72 feet, an arc length of 6.03 feet and a chord distance of 6.03 feet to a point;
11. S 27°43'06" E a distance of 22.39 feet to a point;
12. Along a curve to the right having a chord bearing of S 26°08'51" E, a radius of 874.95, an arc length of 20.40 feet and a chord distance of 20.40 feet to a point;
13. Along a curve to the right having a chord bearing of S 15°10'46" W a radius of 6.02 feet, an arc length of 6.87 feet and a chord distance of 6.50 feet to a point;

Thence along a chain link fence S 27°42'24" E a distance of 97.08 feet to a point; thence S 27°04'07" E a distance of 47.72 feet to a point; thence along a chain link fence the following 4 courses:

1. S 28°23'13" E a distance of 44.81 feet to a point;
2. S 31°16'53" E a distance of 50.08 feet to a point;
3. S 32°05'04" E a distance of 549.17 feet to a point;
4. S 30°01'49" E a distance of 28.10 feet to a point;

Thence along a concrete wall S 32°07'50" E and leaving said wall at 374.77 feet to a total distance of 394.63 feet to a point at the centerline of Eppley White Road; thence along the centerline of said road and crossing Logan Branch S 55°54'17" W a distance of 199.59 feet to the point of beginning. Containing 11.68 acres.

**Attachment B**  
**Map of Restricted Area of Property**

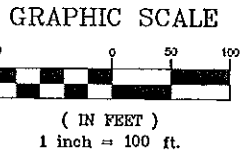


**LEGEND**

- CALCULATED POINT
- ▬ AREA OF COVENANT
- ▬▬▬ RAILROAD
- ▬▬▬ RIGHT-OF-WAY
- x — FENCE LINE

N/F TITAN ENERGY PARK  
 THE AREA KNOWN AS PLANT 4  
 A PORTION OF UPI #13-003-022  
 CONTAINING 11.68 ACRES

NUMBER	CHORD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	N 51°34'01" W	1422.57	203.96	203.79
C2	N 41°16'42" W	949.38	466.77	462.08
C3	N 26°31'44" W	51992.97	480.82	460.81
C4	N 34°12'42" W	1405.38	315.31	314.65
C5	N 39°05'17" W	897.50	30.53	30.53
C6	S 15°10'46" W	6.02	6.87	6.50
C7	S 28°08'51" E	874.55	20.40	20.40
C8	S 27°59'55" E	755.72	6.03	6.03
C9	S 31°12'15" E	66.98	6.51	6.51
C10	S 37°09'42" E	1433.43	113.93	113.90
C11	S 39°49'47" E	482.32	25.55	25.55
C12	S 73°42'45" E	5.03	5.02	4.82



*[Handwritten Signature]*

DRAWN BY: PRG	APPROVED BY: KAU JR.
DATE: 7 DEC 2012	PROJ. NO. 9019
SHEET: 1 OF 2	DWG. CERRO 4.DWG
REVISION: 27 NOV 2012	

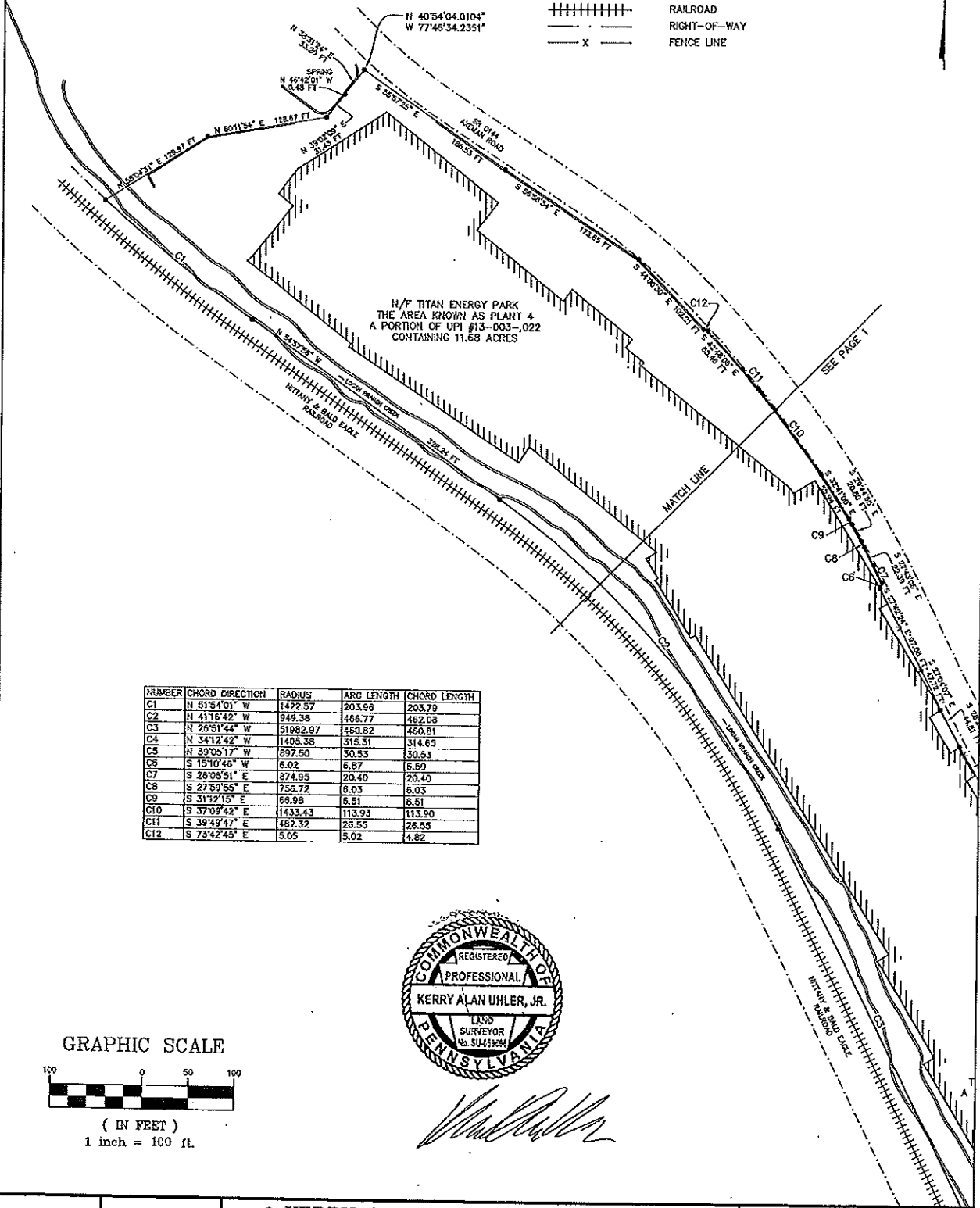
**KERRY A. UHLER & ASSOCIATES, INC.**  
 SURVEYING & ENGINEERING  
 140 W. HIGH ST.  
 BELLEFONTE, PA 16823 570-748-7510

PROJECT:  
 ENVIRONMENTAL COVENANT FOR  
 PLANT 4  
 OF THE  
 TITAN ENERGY PARK  
 SPRING TOWNSHIP, CENTRE COUNTY, PA



**LEGEND**

- CALCULATED POINT
- ▬ AREA OF COVENANT
- ▬ RAILROAD
- ▬ RIGHT-OF-WAY
- X — FENCE LINE



NUMBER	CHORD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	N 51°54'01" W	1422.57	203.96	203.79
C2	N 41°16'42" W	949.38	466.77	462.08
C3	N 25°51'44" W	51982.97	460.82	460.81
C4	N 34°12'42" W	1405.38	315.31	314.65
C5	N 39°05'17" W	897.50	30.53	30.53
C6	S 19°10'46" W	6.02	6.87	6.50
C7	S 26°08'51" E	874.95	20.40	20.40
C8	S 27°59'55" E	758.72	6.03	6.03
C9	S 31°12'15" E	68.98	6.51	6.51
C10	S 37°09'42" E	1433.43	113.93	113.90
C11	S 38°49'47" E	482.32	26.55	26.55
C12	S 73°42'45" E	5.65	5.02	4.82



*Kerry A. Uhler, Jr.*

**GRAPHIC SCALE**



( IN FEET )  
1 inch = 100 ft.

DRAWN BY: PRG  
DATE: 7 DEC 2012  
SHEET: 2 OF 2  
REVISION: 27 NOV 2012

APPROVED BY: KAU, JR.  
PROJ. NO. 9019  
DWG. CERRO 4.DWG

**KERRY A. UHLER & ASSOCIATES, INC.**  
SURVEYING & ENGINEERING  
140 W. HIGH ST.  
814-355-0432 BELLEFONTE, PA 16823 570-748-7510

PROJECT:  
ENVIRONMENTAL COVENANT FOR  
PLANT 4  
OF THE  
TITAN ENERGY PARK  
SPRING TOWNSHIP, CENTRE COUNTY, PA