2021 ANNUAL DAM AND DIKE INSPECTION REPORT

CCR PONDS COMPLEX

Oklaunion Industrial Park LLC

VERNON, TEXAS

December, 2021

Prepared by: Oklaunion Industrial Park LLC.
12567 FM 3430
Vernon. TX 76384

OKLAUNION INDUSTRIAL PARK

Dam & Dike Inspection Report CCR
Ponds Complex

Revision 1

OKLAUNION INDDUSTRIAL PARK LLC
VERNON, TEXAS

INSPECTION DATE December 10, 2021

PREPARED BY: Aaron Weaver DATE 12/15/21
Aaron Weaver

REVIEWED BY: Jeffrey Wind DATE 12/15/21
Jeffrey Wind

Professional Engineer: DATE 12/17/2021

PROFESSIONAL ENGINEER
SEAL & SIGNATURE

I certify to the best of my knowledge, information and belief the information contained in this report meets the requirements of 40 CFR § 257.83(b).

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1.0 INTRODUCTION

This report was prepared by Oklaunion Industrial Park LLC (OIP), in part, to fulfill requirements of 40 CFR 257.83 and to provide OIP with an evaluation of the facility.

The OIP is located at 12567 FM Rd 3430, Vernon, TX 76384. The plant was a coal-fired facility, which includes a number of wastewater evaporation ponds containing cooling tower blowdown. Five of the ponds are used to manage coal combustion residuals and other wastewater treatment solids. Figure I shows the plant vicinity map.

OIP administers the Oklauruon Industrial Park Dam Inspection and Maintenance Program (DlMP). As part of the DIMP, staff conducts monthly dam and dike inspections. This report contains the inspection findings, observations, photographic descriptions, conclusions, and maintenance recommendations. This inspection report addresses the CCR Ponds Complex at the OIP facility.

The inspection was performed on December 31, 2021. Mr. Aaron Weaver conducted the field inspection. Weather conditions on December 31st was sunny with good visibility, temperatures ranging from upper 30's to mid 60's during the inspection. Inspection observations were discussed with the Site Superintendent after completion of the field work.

2.0 DESCRIPTIONSOF IMPOUNDMENT

The five CCR surface impoundments, referenced as Ponds 6, 21, 22, 23 and the Waste Water and Sludge Pond, have a total area of 104.1 acres. Oklaunion Ponds for storing CCR include a 60+ acre pond for waste fly ash and bottom ash storage (Pond 6), two 5+ acre ponds for CCR (Pond 21 and Pond 22), a 13+ acre pond for CCR (Pond 23), and a 22+ acre pond for Waster Water and Sludge (WWSP) storage. These ponds are located at the south- central edge of the main evaporation pond complex of the generating station. The ponds were constructed as a continuous upground homogeneous earthen embankment with 3H:IV inboard and outboard slopes and crest width of 20 feet. The design elevation of the crest is 1215 feet. These CCR ponds do not have any outlet structures or spillways and rely on evaporation to remove water from the impoundments. These impoundments retain the wastes until it is sufficiently dry to be hauled away to Pond 6 where it is permanently stored. Figure 2 shows the CCR pond complex general layout.

3.0 REVIEW OF AVAILABLE INFORMATION (257.83(b)(l)(i))

A review of available information regarding the status and condition of the CCR Ponds, which include files available in the CCR operating record, such as design and construction information, periodic structural stability assessments, previous 7 day inspection reports, 30-day instrumentation data, and previous annual inspections has been conducted. Based on the review of the data there were no signs of actual or potential structural weakness or adverse conditions.

4.0 INSPECTION (257.83(b)(l)(il))

4.1 GENERAL

The summary of the visual observation uses terms to describe the general appearance or condition of an observed item. activity or structure. Their meaning is understood as follows:

Good: A condition or activity that *is* generally better or slightly better than what is minimally expected or anticipated from a design or maintenance point of view.

Fair or Satisfactory: A condition or activity that generally meets what is minimally expected or anticipated **from a design** or maintenance point of view.

Poor: A condition or activity that is generally below what is minimally expected or anticipated from a design or maintenance point of view.

Minor: A reference to an observed item (e.g., erosion, seepage, vegetation, etc.) where the current maintenance condition is below what is normal or desired, but which is not currently causing concern from a structure safety or stability point of view.

Significant: A reference to observed item (e.g. erosion, seepage, vegetation, etc.) where the current maintenance program has neglected to improve the condition. Usually, conditions that have been previously identified in the previous inspections, but have not yet been corrected.

Excessive: A reference to an observed item (e.g., erosion, seepage, vegetation, etc.) where the current maintenance condition is below or worse than what is normal or desired, and which may have affected the ability of the observer to properly evaluate the structure or area being observed or which may be a concern from a structure safety or stability point of view.

In addition, a "deficiency" is some evidence that a dam has developed a problem that could impactthe structural integrity of the dam. There are four general categories of deficiencies. These four categories are described below:

1. Uncontrolled Seepage

   Uncontrolled seepage is seepage that is not behaving as the design engineer has intended. *An* example of uncontrolled seepage is seepage that comes through or around the embankment and is not picked up and safely carried off by a drain. Seepage that is collected by a drain can still be uncontrolled if it is not safely collected and transported, such as seepage that is not clear. Seepage that is unable to be measured and/or observe it is considered uncontrolled seepage. [Wet or soft areas are not considered as uncontrolled seepage, but can lead to this type of deficiency. These areas should be monitored frequently.]

2. Displacement

   Displacement of the embankment is large scale movement of part of the dam. Common signs of displacement are cracks, scraps, bulges, depressions, sinkholes and slides.

3. Blockage of Control Features:

   Blockage of Control Features is the restriction of flow at spillways, decant or pipe spillways or drains.

4. Erosion:

   Erosion is the gradual movement of surface material by water, wind or ice. Erosion is considered a deficiency when it is more than a minor routine maintenance item.

4.2 CHANGES IN GEOMETRY SINCE LAST INSPECTION (257.83(bX2)(i))

5 No modifications have been made to the geometry of the CCR Ponds Complex since the 2018 annual inspection. The geometry of the impoundment bas remained essentially unchanged.

4.3 CHANGES THAT EFFECT STABILITY OR OPERATION (257.83(b)(2)(vii))

Based on interviews with Site personal and field observations there were no changes to the CCR Ponds Complex since the last annual inspection that would affect the stability or operation of the impounding structure.

4.4 IMPOUNDM£NT Characteristics (2S7.83(b)(2)(iii, iv, v))

Table 1 is a summary of the minimum, maximum. and present depth and elevation of the impounded water since the previous annual inspection; the storage capacity of the impounding structure at the time of the inspection; and the approximate volume of the impounded water at the time of the inspection.

Table 1 Summary of Relevant Storage Information CCR Ponds Complex

IMPUNDMENT CHARACTERISTICS - CCR Pond Complex					
	Pond6	Pond 21	Pond 22	Pond 23	WWSP
Approximate **Minimum** depth of impounded water since last annual inspection	15ft (1200)	18ft (1208)	14ft (1204)	14ft (1208)	10 ft (1200)
Approximate **Maximum** depth of impounded wat.er since last annual inspection	28ft (1213)	24ft (1214)	24ft (1214)	23ft (1213)	23ft (1213)
Approximate **Present** depth of impounded water at the time of the inspection	14ft (1204)	22ft (1212)	22ft (1212)	23ft (1213)	22ft (1212)
Approximate **Minimum** depth of CCR since last annual inspection	23ft (1208)	22ft (1212)	21ft (1211)	25ft (1215)	22ft (1212)
Approximate **Maximum** depth of CCR since last annual inspection	29fl (1214)	22ft (12 12)	22ft (1212)	26fl (1216)	24fl (1214)
Approximate **Present** depth of CCR at the time of the inspection	29ft (1214)	22fl (1212)	22fl (1212)	26fl (1216)	24ft (1214)
Storage Capacity of impounding structure at the time of the inspection	11OOacrc-fl	125acre fl	125acre-fl	250 acre-fl	400 acre-ft
Approximate volume of impounded water at the time of the inspection	50 acre-fl	65acre-fl	55acre-fl	120 acre-ft	80 acre-ft
Approximate volume of CCR at the time of the inspection	885 acre-fl	45acre-ft	55acre-ft	125 acre-ft	320 acre-ft

4.5 VISUAL INSPECTION (257.83(b)(2)(i))

A visual inspection of the CCR Ponds Complex was conducted to identify any signs of distress or malfunction of the impoundment and appurtenant structures. Specific items inspected included all structural elements of the dam such as upstream and downstream slopes, crest, and toe.

POND6-WASTEWATERPOND

Pond #6 is located at the south-central edge of the main evaporation pond complex area. In 2015, Pond 6 dam embankment was raised to provide additional ash storage capacity. The crest elevation was raised from Elevation 1208 to Elevation 1215 feet.

The crest of the embankment appeared to be in good condition with no unusual cracking, rutting, settlement, deformation or misalignment.

The exterior slopes the south and west dikes were in overall good condition. No signs of slope failure, slumping. or seepage were observed on the downstream slopes and no burrowing animal activity was noted. The slopes were satisfactorily vegetated and no erosional features were noted. All slopes were free of woody vegetation.

The eastern slope of Pond #6 is also the western slope of the Pond #7 spillway discharge channel. The channel was in fair condition. The spillway of the adjacent Pond #7 bas been substantially blocked and no discharge can occur. However, the discharge channel below, also receives runoff from the surrounding area and should be monitored for erosion as part of the periodic visual inspections. Pictures 19 thru 26 show the general condition of Pond #6.

POND 21

The slopes of Pond 21 an: in good condition. Pond 21 is a partially incised 5.1 acre bottom ash pond. The only visible dike portions arc 3-5 ft above the normal pool levels. The dikes are common to either the Makeup Water Pond or Pond 22.

Overall Pond 21 appeared in good, stable and functional condition and there were no visual observations to indicate any structural deficiencies that would impact the integrity of the dikes. The geometry of the dike bas not changed or altered since the last inspection. Pictures 1 thru 5 show the general condition of Pond 21

POND22

The slopes of Pond 22 arc in good condition. Pond 22 is a partially incised 5.1 acre pond originally designed for storing bottom ash. The only visible dike portions of the pond are 3-5 ft above the normal pool levels. The dikes are common to the Makeup Water Pond. Pond 21, or Pond 23. Based on the inspection there were no visual observations to indicate any structural deficiencies that would impact the integrity of the dikes. Pictures 6 thru 8 and 14show the general condition of Pond 22.

POND23

The slopes of Pond 23 are in good condition. Pond 23 is a partially incised 13.3 acre pond originally designed to contain fly ash. The only visible dike portions of the pond are 3-5ft above the normal pool levels. The dikes are common to either the Makeup Water Pond, Pond 22, or the Wastewater Sludge Pond. Based on the inspection there were no visual observations to indicate any structural deficiencies that would impact the integrity of the dikes. Pictures 9,13 and 12 show the general condition of Pond 23.

WASTEWATER SLUDGE POND

The slopes of the Wastewater and Sludge Pond (WWSP) arc in good condition. WWSP is a partially incised 22.6 acre pond. The only visible dike portions arc 3-5 ft above the normal pool levels. The dikes are common to either the Makeup Water Pond. Pond 23, or Pond 7. Based on the inspection there were no visual observation to indicate any structural deficiencies that would impact the integrity of the dikes. Overall the facility is in good condition. The impoundment is functioning as intended with no signs of potential structural weakness or conditions which are disrupting to the safe operation of the impoundments. Pictures 10,11,15,16,17 and 18 show the general condition of of the Wastewater Sludge Pond

4.6 INSTRUMENTATION (2S7.83(b)(2)(U))

Onsite instrumentations include open pipe piezometers.

PIEZOMETERS

The location of instrumentations is shown on Figure 3. The results of the measurements of various piezometers are shown in Figures 4 and 5. The maximum recorded readings of each instrument since the previous inspection shown in Table 2.

Table 2CCR **Ponds Maximum recorded instruments reading since the previous Inspection**

INSTRUMENTATION DATA CCR Ponds Complex			
Instrument	**Type**	**Maximum Reading since last inspection**	**Date of Reading**
B-1	Piezometer	1206.9	2/25/21
B-3	Piezometer	1211.1	8/12/21
B-4	Piezometer	1211.2	1/28/21
B-5	Piezometer	1211.7	7/15/21
B-6	Piezometer	1209.0	7/15/21

B-1502A	Piezometer	1179.37	5/20/21
B-1506A	Piezometer	1199.84	6/17/21
B-1507A	Piezometer	1202.83	9/9/21
B-1508A	Piezometer	1201.83	7/15/21
B-1512	Piezometer	1188.47	2/25/21
B-1513	Piezometer	1179.02	5/20/21

Five piezometers (B-1, B-3, B-4, and B-6) were installed in July 2016 around the Pond 21, 22, 23 and WWSP. Each piezometer was installed at the crest surrounding the ponds. Figure 4 shows the static water levels of those piezometers measured during monthly inspections beginning in August, 2016. Pond levels were not measured but arc generally around 1213 feet. Over periods of monthly measurement data, the static water levels in the piezometers have indicated some fluctuations. All of the piezometers except B-5 indicate static water levels below the nominal pond pool level (1,2 I3 feet). The elevated static waler levels in B-5 arc related to elevated pool levels in Ponds 21 and 22 due to operations.

Piezometers (B-1502A, B-1506A, B- I 507A, B-I508A, 81512, and 81513) were installed in various locations along the crest of Pond 6 as a pan of the raising the dikes in 20*15*. Figure 5 shows the static water levels of those piezometers measured during monthly plant inspections. Pond level was not measured but is estimated to be around elevation 1200 feel at the time of this inspection but it varies up *to* elevation 1213 during the year. All of the piezometers indicated static water levels below the maximin pond pool level (1213 feet). All piezometers indicated static water levels within expected tolerance for this year's s readings.

5.0 SUMMARY OF FINDINGS

Based on the visual observations during the inspection, the dam and appurtenances are generally in goodcondition. A summary of our recommendations for general maintenance and continued monitoring, as well as any recommendations for remedial activities, is provided as follows:

5.1 MAINTENANCE ITEMS

The following maintenance items were identified during visual inspections:

- Drainage along the toe of Pond 6 east exterior dike is considered fair and requires visual inspections of the area to continue with the weekly/monthly inspections.
- Vegetation management for the facility is considered good. Grassed areas should continue to bemowed regularly. Any areas that are not accessible to mowing equipment should be controlled by the use of weed trimmers, power brush cutters, or other suitable vegetation control method.
- Plant inspection and monitoring procedures, maintenance activities, and reporting with respect to the dikes should be implemented in coordination with OIP personal.

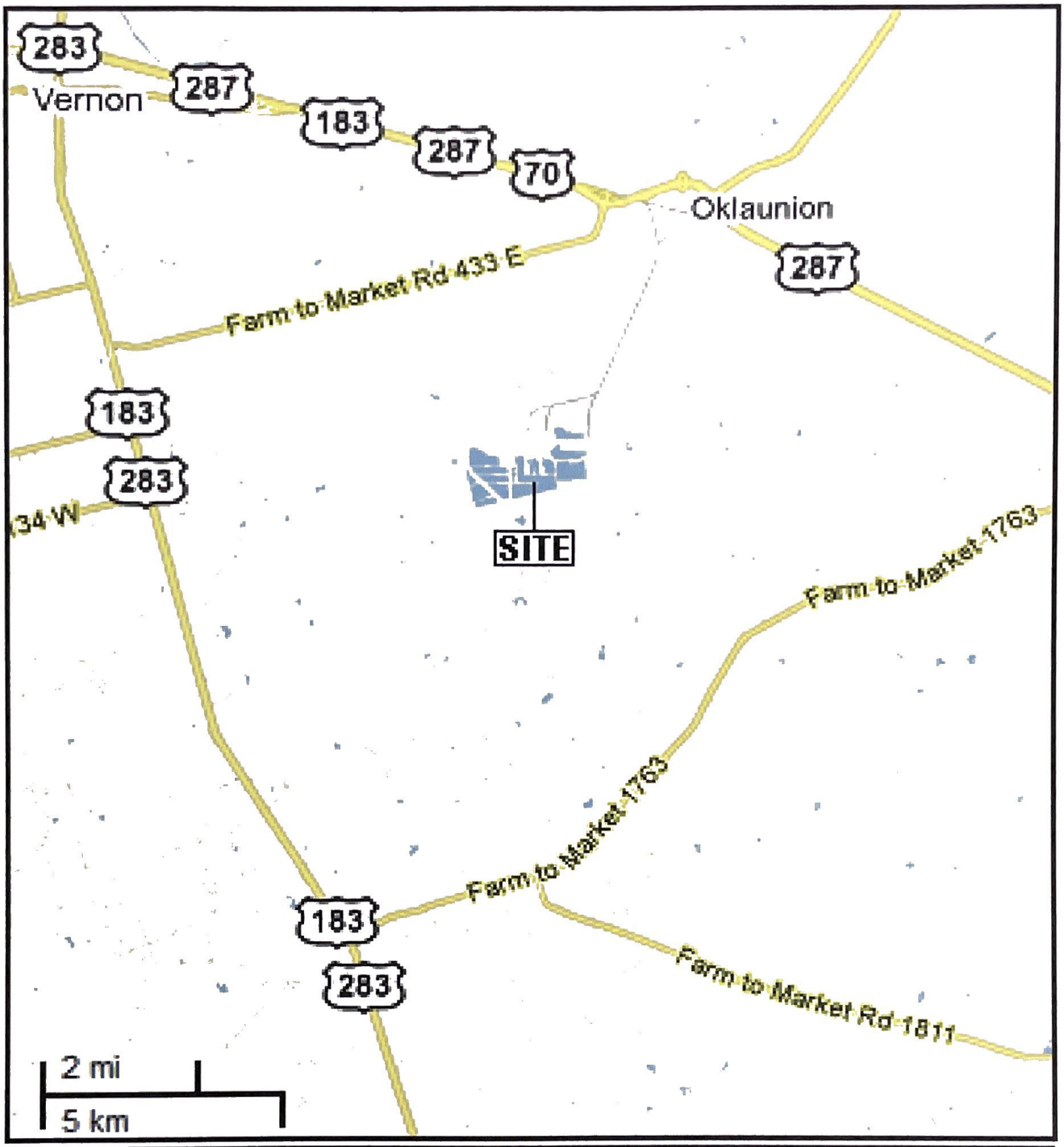
5.2 ITEMS TO MONITOR

- The exterior slope of Pond 21 (the interior slope of the Make-Up Water Pond) is to be visually inspected periodically. Should further erosion occur the Site will take preventative actions by installing rip rap along the eroded area in order to protect the slope.
- Piezometers B-1, B-3, 8-4, 8-5, and 8-6 surrow1ding Ponds 21,22,23 and the WWSP shall continue to be monitored monthly and OIP personal will be immediately notified should the piezometer readings shift above pool levels.

5.3 DEFICIENCIES (257.83(b)(2)(vi))

There were no deficiencies or signs of structural weakness or disruptive conditions that were observed at the time of the inspection that would require additional investigation or remedial action. There were no deficiencies noted during any of the quarterly inspections. If any of these conditions occur before the nextannual inspection contact OIP personal immediately.

Figures



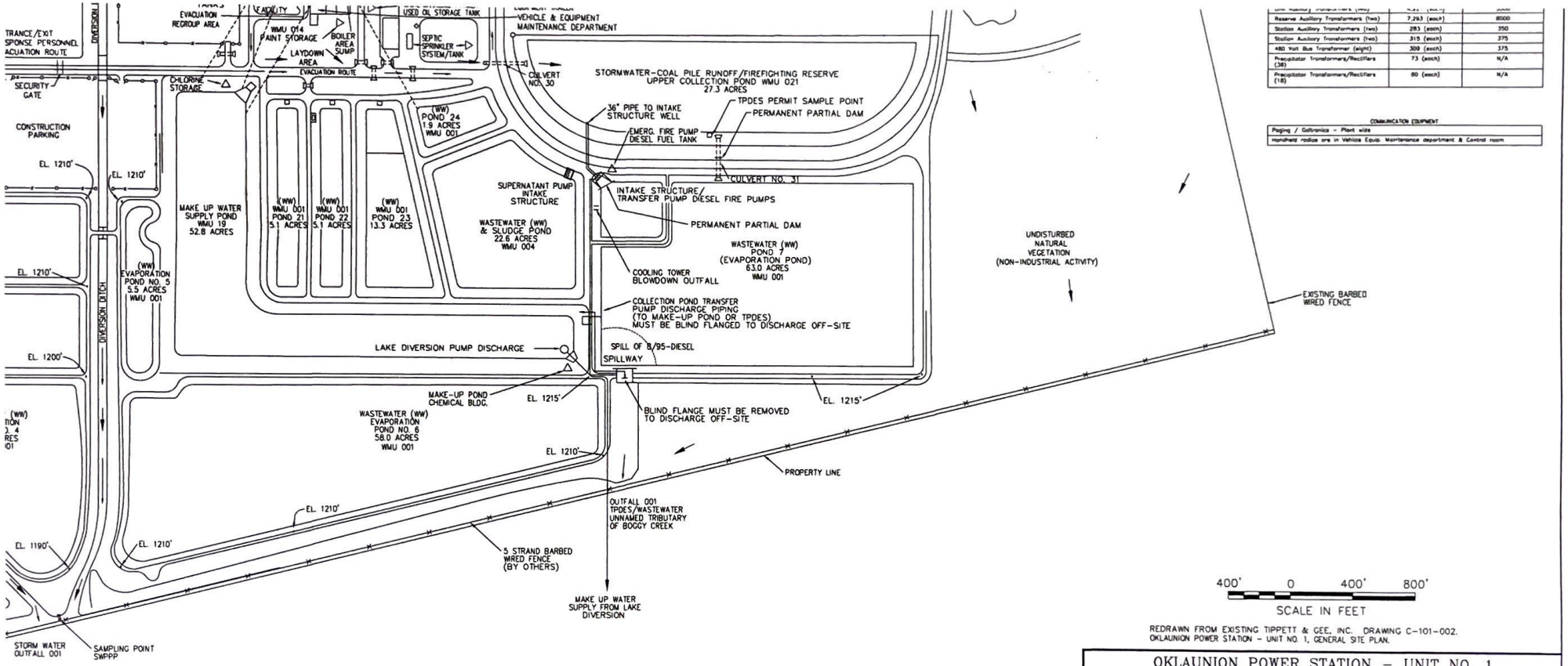
©2010 Google – Map data ©2010 Google

AEP AMERICAN ELECTRIC POWER

AEP OKLAUNION POWER PLANT
WILBARGER COUNTY, TX

FIGURE 1. PLANT INSPECTION VICINITY MAP

DATE: 2/17/2012



Reserve Auxiliary Transformers (two)	7,293 (each)
Station Auxiliary Transformers (two)	283 (each)
Station Auxiliary Transformers (two)	315 (each)
480 Watt Bus Transformer (eight)	309 (each)
Precipitator Transformers/Rectifiers (36)	73 (each)
Precipitator Transformers/Rectifiers (18)	80 (each)

COMMUNICATION EQUIPMENT

Paging / Gaitronics - Plant wide
Handheld radios are in Vehicle Equip. Maintenance department & Control room

REDRAWN FROM EXISTING TIPPETT & GEE, INC. DRAWING C-101-002.
OKLAUNION POWER STATION - UNIT NO. 1, GENERAL SITE PLAN.

REV	DESCRIPTION	DATE	DR	BY	APP
4	GENERAL REVISIONS	2/10/05	JS		
3	GENERAL REVISIONS	5/8/03	JS		
2	GENERAL REVISIONS	5/31/02	TDA		
1	GENERAL REVISIONS	2/14/02	TDA		

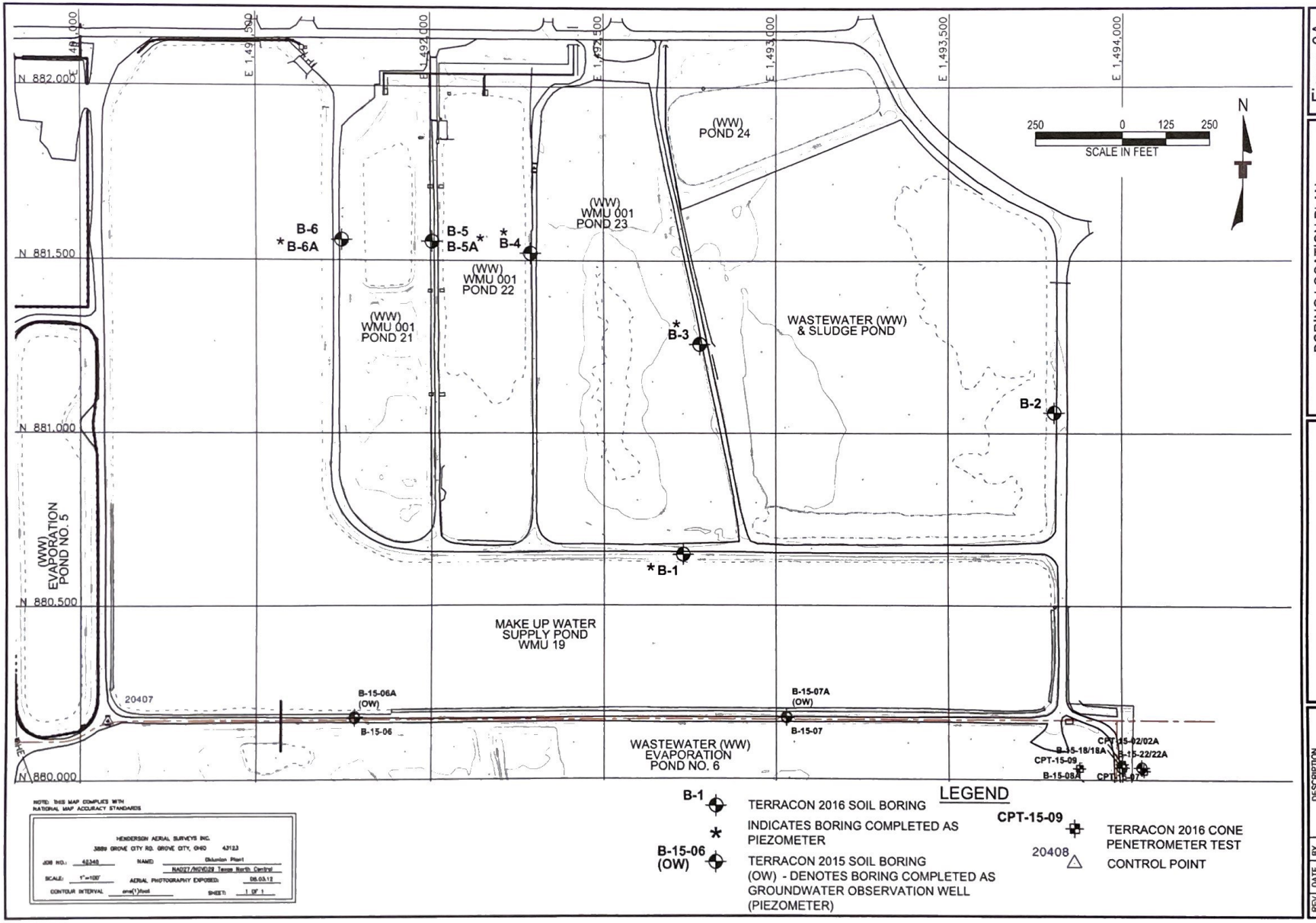
ACAD DWG-NO MANUAL CHANGES ALLOWED

OKLAUNION POWER STATION - UNIT NO. 1

FIGURE 2. CCR Pond Complex General Layout

AMERICAN ELECTRIC POWER

DRAFTING/ENGINEERING	DATE	SCALE AS NOTED	WTU DWG. NO.
DR.: T&G/TDA	5/31/02	AEP AMERICAN ELECTRIC POWER	OPS-OK1_00001-01
CHK.:			SHT 1
APP.:			



NOTE: THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

HENDERSON AERIAL SURVEYS INC.
3889 GROVE CITY RD. GROVE CITY, OHIO 43123
JOB NO.: 42348 NAME: Oklaunion Plant
SCALE: 1"=100' AERIAL PHOTOGRAPHY EXPOSED: 08.03.12
CONTOUR INTERVAL: one(1)foot SHEET: 1 OF 1

LEGEND

- **B-1** — TERRACON 2016 SOIL BORING
- * — INDICATES BORING COMPLETED AS PIEZOMETER
- **B-15-06 (OW)** — TERRACON 2015 SOIL BORING (OW) - DENOTES BORING COMPLETED AS GROUNDWATER OBSERVATION WELL (PIEZOMETER)
- **CPT-15-09** — TERRACON 2016 CONE PENETROMETER TEST
- 20408 △ — CONTROL POINT

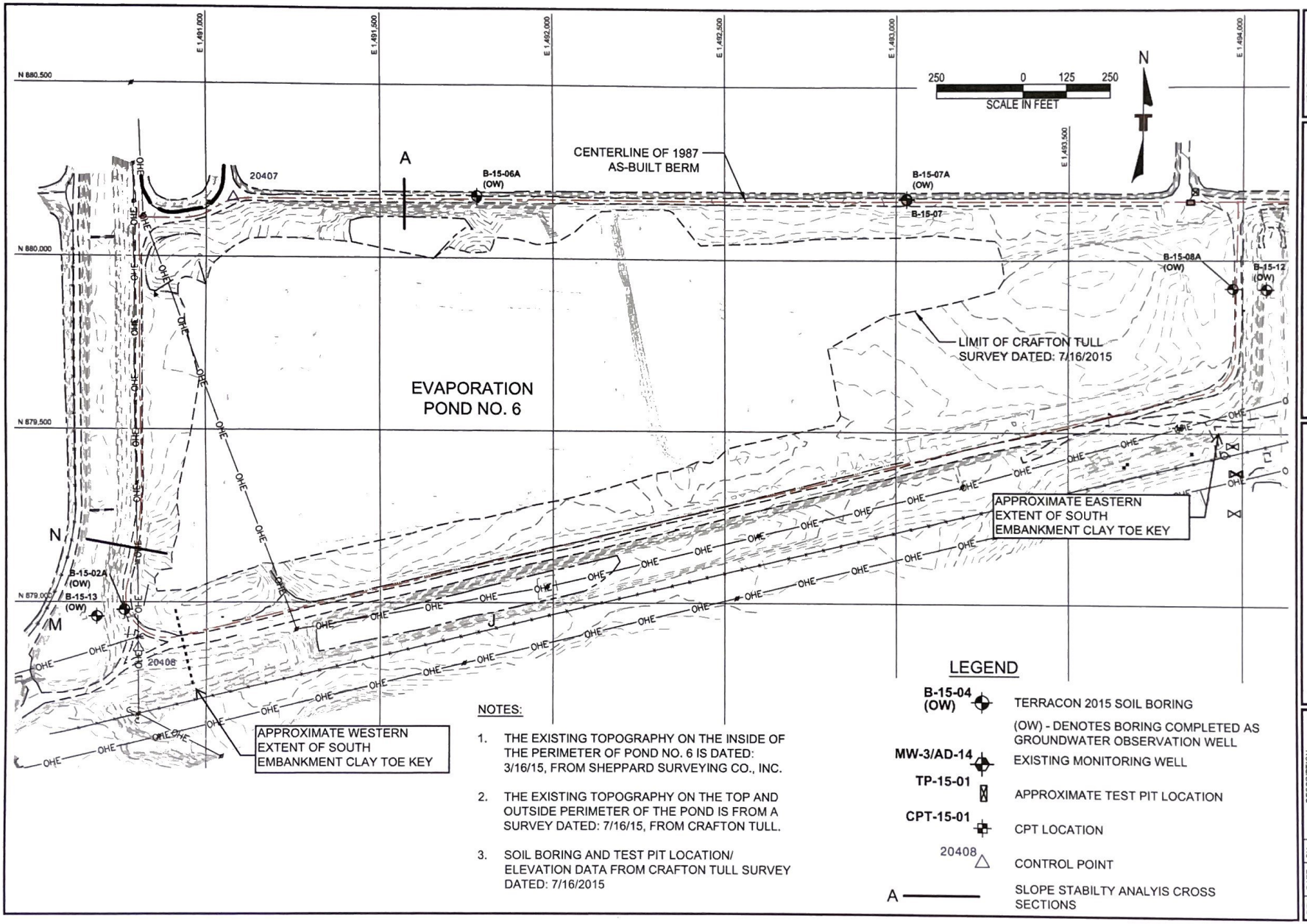
Figure 3A

DESIGNED BY	LME
DRAWN BY	LME
APPVD. BY	KBE
SCALE	1" = 250'
DATE	8/29/16
JOB NO.	141872227
ACAD NO.	81bboring1
SHEET NO.	1 OF 1

BORING LOCATION PLAN
OKLAUNION PONDS AREA DIKES
AMERICAN ELECTRIC POWER
OKLAUNION POWER STATION
12567 FM ROAD 3430
VERNON TEXAS

Terracon
Consulting Engineers and Scientists
COLUMBUS, OHIO 43230
688 MORRISON ROAD
PH: (614) 863-3113
FAX: (614) 863-0475

REV.	DATE	BY	DESCRIPTION



NOTES:

1. THE EXISTING TOPOGRAPHY ON THE INSIDE OF THE PERIMETER OF POND NO. 6 IS DATED: 3/16/15, FROM SHEPPARD SURVEYING CO., INC.
2. THE EXISTING TOPOGRAPHY ON THE TOP AND OUTSIDE PERIMETER OF THE POND IS FROM A SURVEY DATED: 7/16/15, FROM CRAFTON TULL.
3. SOIL BORING AND TEST PIT LOCATION/ ELEVATION DATA FROM CRAFTON TULL SURVEY DATED: 7/16/2015

LEGEND

- B-15-04 (OW) — TERRACON 2015 SOIL BORING
  (OW) - DENOTES BORING COMPLETED AS GROUNDWATER OBSERVATION WELL
- MW-3/AD-14 — EXISTING MONITORING WELL
- TP-15-01 — APPROXIMATE TEST PIT LOCATION
- CPT-15-01 — CPT LOCATION
- 20408 — CONTROL POINT
- A — SLOPE STABILTY ANALYIS CROSS SECTIONS

FIGURE 3B

DESIGNED BY	AKB
DRAWN BY	DAB
APP'D BY	KME
SCALE	1"=250'
DATE	4/4/16
JOB NO.	94155108
ACAD NO.	ga-tpp\dwg2
SHEET NO.	1 OF 1

EXPLORATION PLAN

DAM RAISING-EVAPORATION POND NO. 6
AMERICAN ELECTRIC POWER
OLKAUNION POWER STATION
12567 FM ROAD 3430
VERNON TEXAS

Terracon
Consulting Engineers and Scientists
800 MORRISON ROAD COLUMBUS, OHIO 43230
PH: (614) 863-3113 FAX: (614) 863-0475

REV	DATE	BY	DESCRIPTION

FIGURE 4
PIEZOMETER READINGS
POND 21, 22, 23 & WWSP

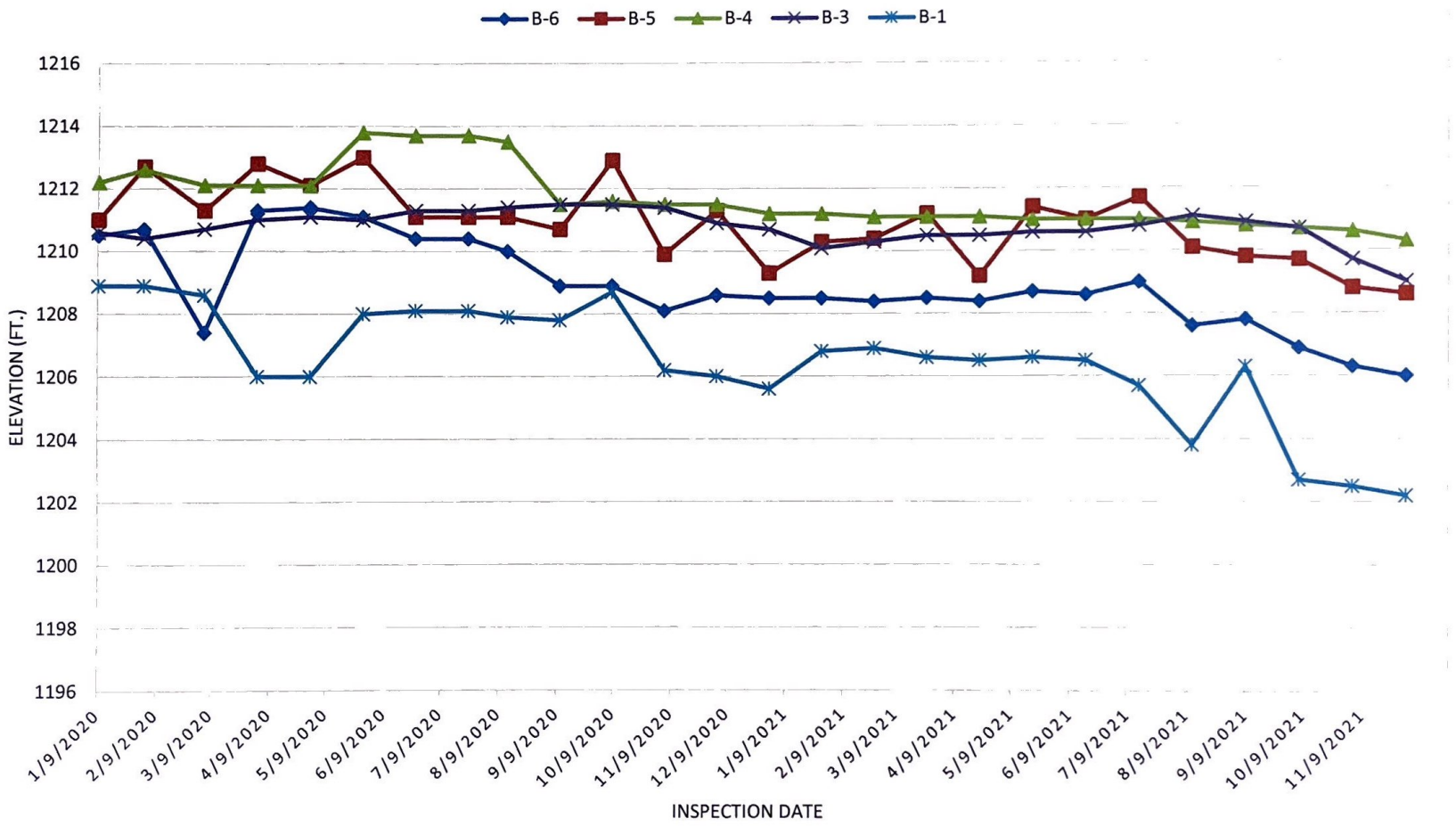
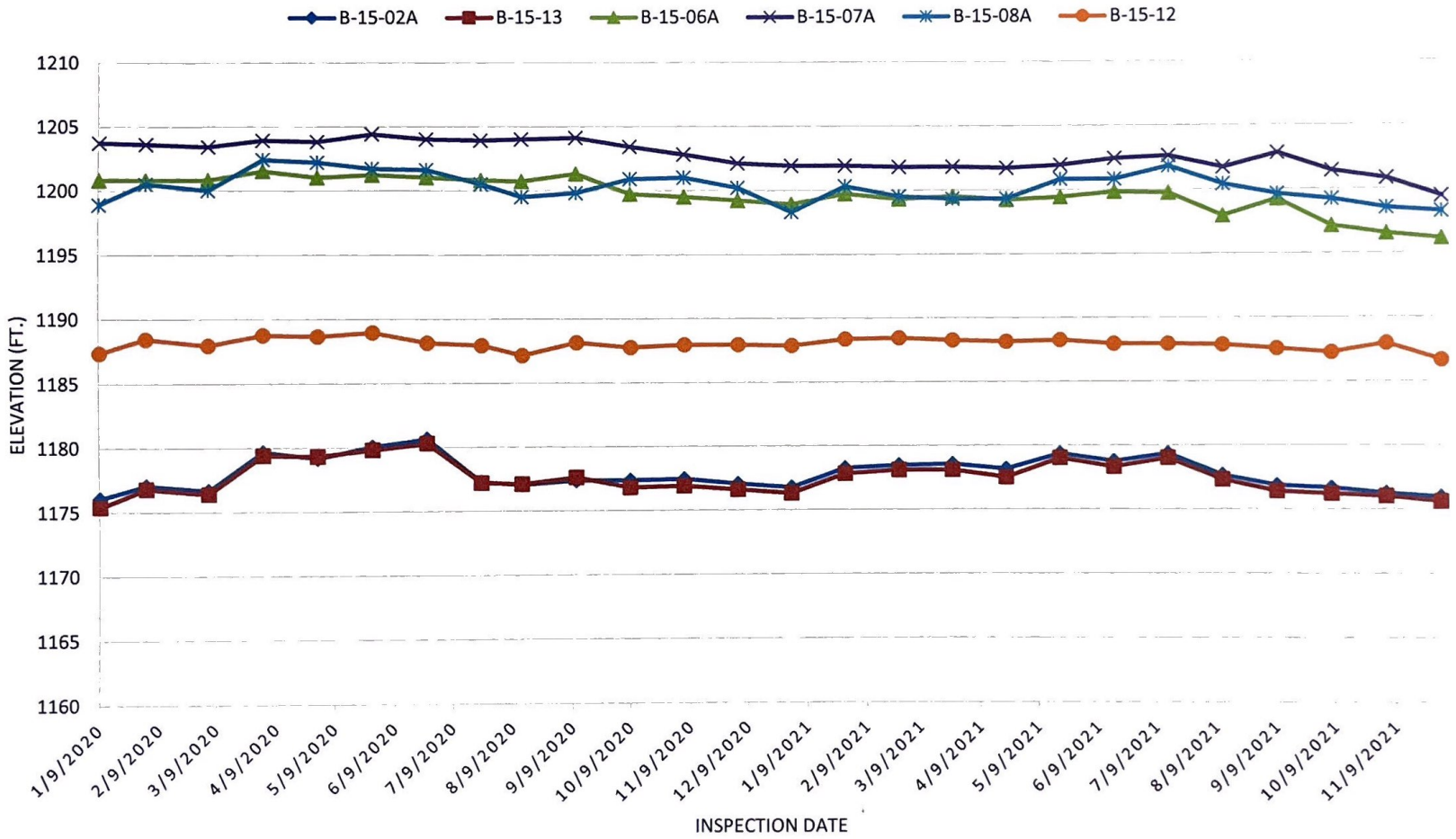
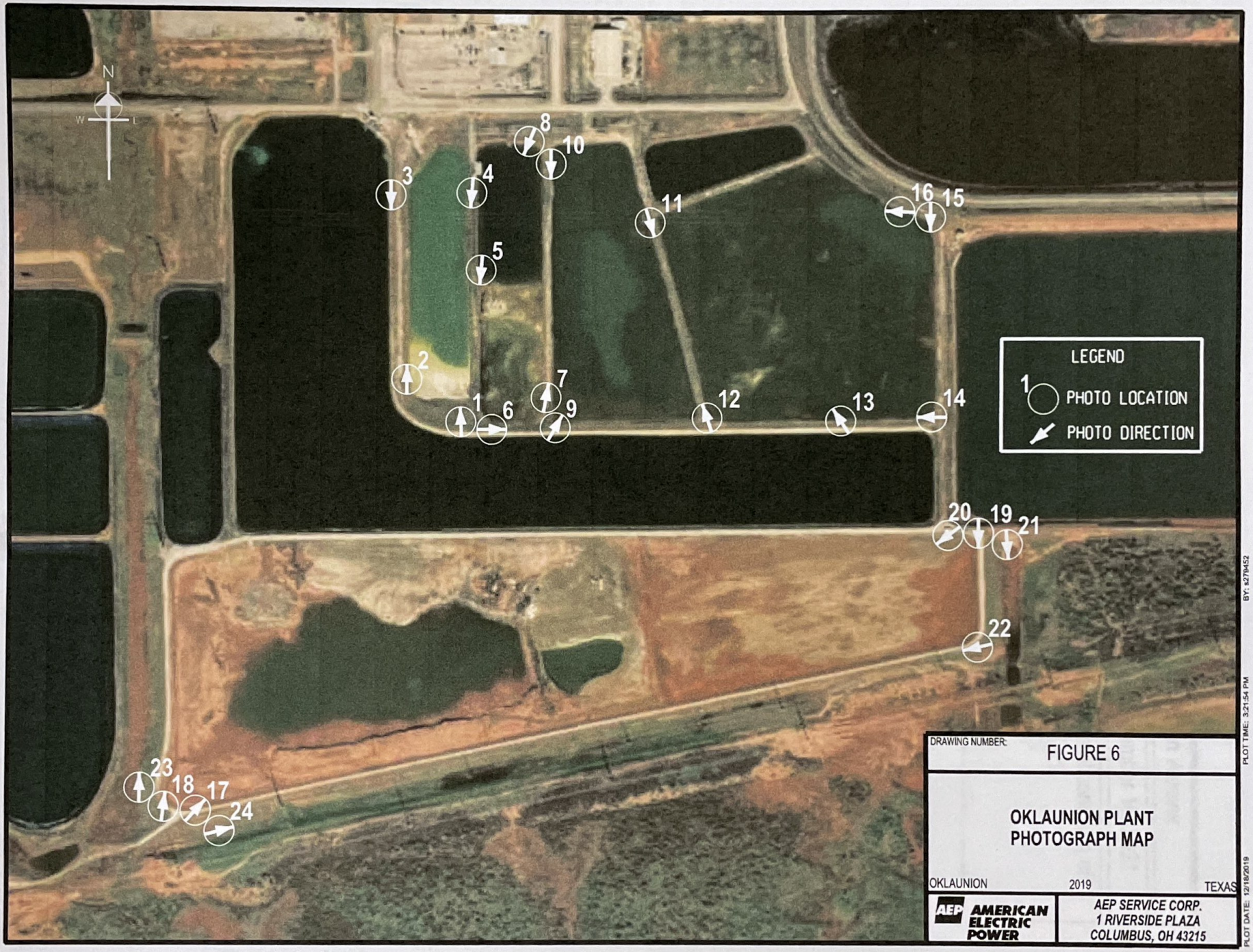


FIGURE 5
PIEZOMETER READINGS
POND 6



Attachment A
Photographs - CCR Ponds Complex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LEGEND
PHOTO LOCATION
PHOTO DIRECTION
DRAWING NUMBER:
FIGURE 6
OKLAUNION PLANT
PHOTOGRAPH MAP
OKLAUNION
2019
TEXAS
AEP AMERICAN ELECTRIC POWER
AEP SERVICE CORP.
1 RIVERSIDE PLAZA
COLUMBUS, OH 43215
PLOT DATE: 12/18/2019
PLOT TIME: 3:21:54 PM
BY: s279452
CROSS REFS:
A (8.5"x11")

OIP GES Dam Inspection

Plant Name: Oklaunion

Inspector: Aaron Weaver

Unit: Pond 21

Date: December 10, 2021

Photo #: 1

Notes: General condition of Pond 21

N34 4.574 W99 10.680

Photo #: 2

Notes: General condition of Pond 21 interior slope

N34 4.607 W99 10.727

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 21 **Date:** December 10, 2021

Photo #: 3 **Notes:** General condition of Pond 21 exterior slope common to Makeup Water Pond interior slope

N34 4.748 W99 10.740

Photo #: 4 **Notes:** General condition of crest common to Pond 21/22

N34 4.750 W99 10.678

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 21 **Date:** December 10, 2021

Photo #: 3

Notes: General condition of Pond 21 exterior slope common to Makeup Water Pond interior slope

N34 4.748 W99 10.740

Photo #: 4

Notes: General condition of crest common to Pond 21/22

N34 4.750 W99 10.678

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 21 **Date:** December 10, 2021

Photo #: 3 **Notes:** General condition of Pond 21 exterior slope common to Makeup Water Pond interior slope

N34 4.748 W99 10.740

Photo #: 4 **Notes:** General condition of crest common to Pond 21/22

N34 4.750 W99 10.678

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 22 **Date:** December 10, 2021

Photo #: 5 **Notes:** General condition of Pond 22 interior slope common to Pond 21 exterior slope

N34 4.691 W99 10.671

Photo #: 6 **Notes:** General condition of crest common to Pond 22/Makeup Water Pond

N34 4.570 W99 10.665

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 22 **Date:** December 10, 2021

Photo #: 7 **Notes:** General condition of Pond 22 interior slope common to Pond 23 exterior slope

N34 4.588 W99 10.619

Photo #: 8 **Notes:** General condition of Pond 22

N34 4.787 W99 10.632

Page: 04

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 23 **Date:** December 10, 2021

Photo #: 9 **Notes:** General condition of Pond 23

N34 4.573 W99 10.614

Photo #: 10 **Notes:** General condition of crest common to Ponds 22/23

N34 4.775 W99 10.620

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 23 **Date:** December 10, 2021

Photo #: 11 **Notes:** General condition of Pond 23 interior slope common to Waste Water Sludge Pond exterior slope

N34 4.728 W99 10.541

Photo #: 12 **Notes:** General condition of crest common to Ponds 23/Waste Water Sludge Pond

N34 4.578 W99 10.496

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Waste Water Pond **Date:** December 10, 2021

Photo #: 13 **Notes:** General condition of Waste Water Sludge Pond

N34 4.576 W99 10.393

Photo #: 14 **Notes:** General condition of Waste Water Sludge Pond interior slope common to Makeup Water Pond

N34 4.579 W99 10.324

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Waste Water Pond **Date:** December 10, 2021

Photo #: 15 **Notes:** General condition of Waste Water Sludge Pond interior slope common to Pond 7

N34 4.733 W99 10.328

Photo #: 16 **Notes:** General condition of interior slopes of Waste Water Sludge Pond

N34 4.579 W99 10.324

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 6 **Date:** December 10, 2021

Photo #: 17 **Notes:** General condition of Pond 6 from SW corner

N34 4.276 W99 10.896

Photo #: 18 **Notes:** General condition of Pond 6 west interior slope and crest

N34 4.277 W99 10.903

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 6 **Date:** December 10, 2021

Photo #: 19 **Notes:** General condition of Pond 6 east interior slope and crest

N34 4.487 W99 10.285

Photo #: 20 **Notes:** General condition of Pond 6 from NE corner

N34 4.488 W99 10.307

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 6 **Date:** December 10, 2021

Photo #: 21 **Notes:** General condition of Pond 6 east interior slope

N34 4.484 W99 10.277

Photo #: 22 **Notes:** General condition of Pond 6 south exterior slope

N34 4.403 W99 10.288

OIP GES Dam Inspection

Plant Name: Oklaunion **Inspector:** Aaron Weaver

Unit: Pond 6 **Date:** December 10, 2021

Photo #: 23 **Notes:** General condition of Pond 6 west exterior slope

N34 4.286 W99 10.919

Photo #: 24 **Notes:** General condition of Pond 6 south exterior slope

N34 4.272 W99 10.886