OHIO VALLEY ELECTRIC CORPORATION
3932 U. S. Route 23
P. O. Box 468
Piketon, Ohio 45661
740-289-7200

WRITER'S DIRECT DIAL NO:
740-289-7259

January 30, 2026

Submitted Electronically

Mr. John Logue, Director
Ohio Environmental Protection Agency
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, OH 43216-1049

Dear Mr. Logue:

Re: Ohio Valley Electric Corporation
Kyger Creek Station's 2025 Annual CCR Landfill
Inspection Posting Notification

As required by 40 CFR 257.106(g)(7) and 257.84(b), the Ohio Valley Electric Corporation (OVEC) is providing notification to the State Director of the Ohio Environmental Protection Agency that a qualified professional engineer has completed the 2025 Annual CCR Landfill Inspection for the OVEC's Kyger Creek Station. The inspection report has been placed in the facility's operating record as well as on the company's publicly accessible internet site, which can be viewed at http://www.ovec.com/CCRCompliance.php.

If you have any questions, or require any additional information, please call me at (740) 289-7259.

Sincerely,

Jeremy Galloway
Environmental Specialist

JDG:zsh

2025 CCR Rule - Landfill
Kyger Creek Landfill Inspection

Kyger Creek Generating Station
Cheshire, Ohio
Gallia County

January 19, 2026

Prepared for:

Ohio Valley Electric Corporation
Piketon, Ohio

Prepared by:

Stantec Consulting Services Inc.
Cincinnati, Ohio

Sign-off Sheet

This document entitled 2025 CCR Rule – Landfill, Kyger Creek Landfill Inspection was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of Ohio Valley Electric Corporation (OVEC) (the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule, and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use that a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

Prepared by _____

(signature)

David Orth, P.E.

Reviewed by _____

(signature)

James R. Swindler Jr., P.E.

Reviewed by _____

(signature)

Jacqueline S. Harmon, P.E.

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LIST OF APPENDICES

1.0 OVERVIEW

Stantec Consulting Services Inc. (Stantec) performed the annual landfill inspection of the existing coal combustion residuals (CCR) landfill at the Kyger Creek Generating Station in Cheshire, Ohio, on October 22, 2025.

This annual landfill inspection is intended to fulfill the requirements of 40 CFR 257.84(b) for the *Disposal of Coal Combustion Residuals from Electric Utilities* rule (CCR Rule) signed by the U.S. Environmental Protection Agency (EPA) Administrator on December 19, 2014, and published in the Federal Register on April 17, 2015.

The landfill is a residual solid waste facility (270834, RSWL018814) under the regulations of the Gallia County General Health District (GCGHD) – RW3L and the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM). Below is a summary of conditions for the day of the inspection:

Date performed:	October 22, 2025
Weather:	Mostly sunny, 47ºF - 68ºF
Rainfall over last 72 hours:	October 19, 2025 – 0.00 inch October 20, 2025 – 0.59 inch October 21, 2025 – 0.00 inch October 22, 2025 – 0.04 inch

Precipitation data was collected by the National Centers for Environmental Information, NOAA, for Gallipolis, Ohio US (USC00333029), approximately nine miles southwest of the landfill. Precipitation during the 72-hour period prior to the site visit was about 0.63 inches.

Stantec's team that performed the fieldwork included:

- James Swindler, P.E., Senior Geotechnical Engineer
  20 years of experience in geotechnical engineering, including levees/dams, infrastructure, and CCR storage facility design, closure, and operation.
- David Orth, E.I.T, Water Resources Engineer in Training
  4 years of experience in civil engineering, including levees/dams, hydrologic and hydraulic analysis, infrastructure, and CCR storage facility design and closure.

The estimated volume of CCRs contained in the landfill is 5,303,172 cubic yards as of the end of 2025. Inspections are being performed by plant personnel according to the CCR Rule at least once every seven days. Weekly reports performed between November 7, 2024 and October 30, 2025, were provided for review (OVEC, 2025). No quarterly GCGHD inspection reports were provided or available on the Ohio EPA eDocument website for review.

Fieldwork was coordinated with Paul Hutchins, Kyger Creek Station's Landfill Engineer and Dick Shouldis, Kyger Creek Station's Civil Coordinator. Mr. Hutchins tracks the maintenance needs and activities through the weekly and monthly inspections. Jeremy Galloway of Ohio Valley Electric Corporation's (OVEC) Environmental Affairs group accompanied Stantec's personnel during the inspection. Observations were briefly discussed with onsite personnel during and after completion of the field activities.

2.0 DESCRIPTION OF KYGER CREEK LANDFILL

The Kyger Creek Generating Station, located in Cheshire, Gallia County, Ohio, is a coal combustion power plant owned and operated by the OVEC. Kyger Creek Station's five units began producing electricity in 1955 and have a total generating capacity of 1,085 megawatts (OVEC, 2016).

The CCRs produced by the Kyger Creek Generating Station are placed in the Kyger Creek restricted waste landfill. OVEC received its restricted waste permit and approval from the OHIO EPA to begin construction in April 2009. The landfill is a 98-acre Class III residual solid waste facility divided into five phases with a capacity of 20.4 million cubic yards (Hull & Associates, Inc., 2008a and 2008b). As originally permitted, it includes:

- A composite liner system consisting of an 18-inch recompacted soil liner, 30-mil polyvinyl chloride (PVC) geomembrane in Phases 1, 3, 4, and 5 with a 40-mil linear low-density polyethylene (LLDPE) geomembrane in Phase 2.
- A leachate collection system, including two lined leachate collection ponds,
- Contact and non-contact surface water management systems, including four sedimentation ponds, multiple sediment traps, drainage channels, and chimney drains,
- A groundwater monitoring system, and
- A final closure cap design.

Operation of the landfill began in 2010 with placement of Class III residual waste, including flue-gas-desulfurization (FGD) sludge, chloride purge steam filter cake, fly ash, and boiler slag. The landfill's design lifespan was estimated as 20 years (Hull & Associates, Inc., 2008a).

CCR is transported by conveyor to a stacking pad southeast of the landfill and/or trucked to the Kyger Creek Landfill. Based on conversations with site personnel, the ash is placed in the landfill at approximately 30-percent moisture. The ash is placed in roughly one-foot lifts and then compacted. At times, the fly ash is mixed with other material, such as gypsum, with no segregation of the material during placement.

In July 2020, the Ohio EPA Southeast District Office (SEDO) approved an alteration to the landfill's bottom liner system to meet the federal EPA CCR Rule, adding a polymer-enhanced reinforced geosynthetic clay liner (GCL) between the geomembrane/flexible membrane liner and the recompacted soil liner (Ohio EPA, 2020). In April 2022, the Ohio EPA SEDO approved an alteration to the bottom liner design of the landfill. The recompacted soil liner was removed, and a geotextile cushion layer was added between the base flexible membrane liner and the aggregate leachate drainage layer (Ohio EPA, 2022).

Phase 1 of the landfill is constructed and receiving CCR. Phase 2 of the landfill was constructed in 2025 and approved for CCR placement in late December. Multiple ponds, both temporary and permanent, are

associated with the landfill. See the reference drawings provided in Appendix C for pond locations and general landfill phasing. The ponds include:

- East Sedimentation Pond – a permanent pond located east of the landfill footprint.
- West Sedimentation Pond – a permanent pond located at the toe of the west slope of Phase 1.
- North Sedimentation Pond – a permanent pond at the former clay borrow/topsoil stockpile area north of Phase 2. This pond was constructed in 2025 as part of Phase 2.
- Leachate Collection Pond – a permanent pond located east of the landfill and adjacent to the East Sedimentation Pond.
- Interim Leachate Collection Pond – a temporary pond located within Phase 3 at the east end of Phases 1 and 2.
- Sediment Pond #1 – a temporary pond used during Phase 1 construction lying within the Phase 4 footprint. This pond has been capped.
- Sediment Pond #2 – a temporary pond located within the Proposed Clay Borrow area south of Phase 1.
- Temporary Contact Pond – this pond was located southeast end of Phase 2 and was closed during 2025 construction.

Stormwater sedimentation traps are located around the landfill footprint and were noted when observed during the site visit. Sedimentation trap locations are shown on the as-built map provided in Appendix C.

2.1 KYGER CREEK LANDFILL – PHASE 1

Phase 1, the active waste cell, is in the southwestern landfill footprint. A series of chimney drains lie west to east near the center of the phase and outlet into the Interim Leachate Collection Pond. Temporary soil cover has been placed and vegetated on the exterior slopes of Phase 1 where it is nearing final CCR grades (Photo 6, Appendix B). The west and north portions of the area of exposed ash in the Phase 1 cell were being used for stockpiling materials for the Phase 2 construction. An access road has been created along the northwest face of the cell for construction activities. No final cover has been placed.

2.2 KYGER CREEK LANDFILL – PHASE 2

Phase 2 is in the northwestern landfill footprint, north of Phase 1 and bounded to the east by Phase 3. Construction of Phase 2 began in March 2025 and was ongoing at the time of the site visit. The construction project involves installation of the liner system, completion of the North Sedimentation Pond, and creation of an access road and ditch on the perimeter of the Phase 2 cell. Construction was nearing completion at the end of 2025. Placement of CCR in the Phase 2 cell will begin once construction is complete.

Previously, Phase 2 was used as a borrow area. The cell was vegetated and inactive. Preconstruction activities for Phase 2 began in July 2022 with materials testing, regulatory submittals, and rough grading for the North Sedimentation Pond. Sedimentation Trap #5 was removed in 2023, and erosion and sedimentation control measures were installed.

2.3 KYGER CREEK LANDFILL – PHASES 3 THROUGH 5

Phases 3, 4, and 5 have yet to be constructed. The Interim Leachate Collection Pond (ILCP) is in the Phase 3 footprint (Photo 9, Appendix B). Phase 4's footprint includes the capped Sediment Pond #1. The contractor trailer and laydown yard are in the Phase 5 footprint. See Appendix C for the landfill's general phasing plan.

3.0 OBSERVATIONS

The following sections present observations made during the site visit within the Phase 1 footprint and pertinent water management ponds. Observations identify maintenance items but also include photograph and slope locations and items of interest. Refer to Appendix A for figures and the observation points along with the photographs and descriptions in Appendix B. Slopes noted were estimated using a rangefinder on a handheld GPS unit. The Phase 2 cell and North Sedimentation Pond were not inspected due to ongoing construction in those areas.

3.1 KYGER CREEK LANDFILL – PHASE 1

Phase 1 is the active cell. The paved haul road ends at the Phase 5 boundary shown on Figure 2 in Appendix A. Trucks hauling CCR access the active placement area from this point. Access around the perimeter of Phase 1 is maintained by graded dirt roads around the western half of the landfill. Due to construction activity along the Phase 1/Phase 2 boundary, and construction vehicle activity within the Phase 1 footprint, only the west and south slopes of the Phase 1 cell were inspected. The following observations were made for Phase 1:

- The west and southwest temporary slopes are mowed, vegetated, and uniform. Slopes in these areas are estimated to be 3.7H:1V to 4.7H:1V (Points 6 through 8 and 22 through 23, Photos 6 through 8; Appendix B)
- Sparse vegetation cover was observed on the west slope near the West Sedimentation Pond upslope of the access road. Erosion and/or rutting is not present within this bare area (Point 5, Photo 8; Appendix B).
- CCR placement is in progress and thus there is no vegetation cover and grading in the active areas. The active areas were not observed due to construction vehicle activity.

3.2 WEST SEDIMENTATION POND

The West Sedimentation Pond was constructed as part of the initial Phase 1 site activities. Phase 1 stormwater accesses the pond through a headwall and five culverts on the east side of the dirt access road. The outlet of the culverts is released beyond the road's western edge and flows down to the West Sedimentation Pond. Access to the pond is a cleared path from the south to the southeastern corner of the pond. The following observations were made:

- Tall, dense vegetation along the south, west and northwest slopes prevented inspection of those slopes. The west slope of the embankment contains mature tree growth (Photos 3 and 5; Appendix B).

- A possible slip area near the historic slip was observed. Dense vegetation prohibited the extent of the slip from being observed. (Point 4; Appendix B).

- Two holes, possible animal burrows, approximately 6 inches diameter were observed on the crest of the west embankment (Points 2 and 3, Picture 4; Appendix B).

- Dense vegetation and sediment accumulation at the inlet and outlet of the headwalls inhibits flow of stormwater from the west side of Phase 1 to the south side of the West Sedimentation Pond (Point 1, Photos 1 and 2; Appendix B).

3.3 EAST SEDIMENTATION POND

The East Sedimentation Pond was constructed as part of the initial Phase 1 site activities. It manages stormwater from the eastern paved haul road and the closed Sediment Pond #1. See Appendices A and C for a plan view. The following observations were made at the East Sedimentation Pond:

- Dense, woody vegetation obscured the interior slopes of the pond, which prevented a thorough inspection of those areas (Photos 25 and 27; Appendix B).

3.4 INTERIM LEACHATE COLLECTION POND

The Interim Leachate Collection Pond is part of Phase 1 construction activities (Photo 20; Appendix B). It manages leachate from the active CCR landfill. Observations made at the Interim Leachate Collection Pond include:

- Dense vegetation growth along the exterior slopes of the embankments surrounding the pond prohibited a thorough inspection of those slopes (Point 16, Photo 21; Appendix B).

- The west interior slope has detached from the embankment and there is a large riff between the slope and detached portion. Separation was observed starting at its southwest corner (Point 14, Photo 15; Appendix B) and continuing along the slope to its northwest corner (Point 15, Photos 16 through 18; Appendix B).

- The east interior slope appears to be separating from the crest and moving toward the pond, an observation consistent with the previous inspection (Points 9 through 12; Photos 10 through 11 and 13; Appendix B.

- Erosion of the interior slope at the southwest corner of the pond was observed at the outlet of the 12-inch reinforced concrete pipe (Point 12, Photo 12; Appendix B). Sediment buildup was observed and the geotextile fabric was exposed at the pipe's outlet (Point 13, Photo 14; Appendix B).

- Erosion was observed on the interior slope at the northwest corner of the pond. It appears the erosion was caused by surface runoff (Photo 19; Appendix B).

- Possible movement in the exterior slope on the south side of the pond was observed, but dense vegetation growth prevented detailed observations (Point 16; Photo 21; Appendix B).

3.5 LEACHATE COLLECTION POND

The Leachate Collection Pond (Photo 22; Appendix B) is concrete lined and was constructed as part of the initial Phase 1 site activities. It manages leachate from the active CCR landfill. Inflows are piped from the Interim Leachate Collection Pond. See Appendix A for a plan view of the pond. The following observations were made during the site visit.

- Mature vegetation is present in the riprap patch on west slope (Point 18, Photo 29; Appendix B).

- Dense vegetation was present on the north interior slope that prohibited observations (Photos 23, 26, and 28; Appendix B).

- Water has pooled in the gravel at the base of the west slope (Points 19 and 20; Photos 29 and 30; Appendix B). OVEC noted that there was recently a bubble in the bottom of the leachate collection pond. Water in this area may be related to the float event.

- A small section of broken concrete was observed at the top of the concrete revetment in the northwest corner of the pond (Point 17, Photo 24; Appendix B).

- Tree growth was observed around the pond outlet on its south end (Point 21, Photo 31; Appendix B).

4.0 RECOMMENDATIONS

The following recommendations are offered for the Kyger Creek Landfill. The recommendations are not listed in order of priority.

Stability Issues:

- The slopes around the West Sedimentation Pond should be mowed and maintained to allow for regular monitoring of possible instability in these areas. Trees on the west slope of the embankment should be removed.

- A possible separation of the crest on the south and east embankments of the Interim Leachate Collection Pond is occurring. These areas should be mowed, maintained, and routinely monitored to determine if a stability issue exists.

- The bottom portion of the west interior slope of the Interim Leachate Collection Pond has detached. This area should be inspected further to determine the cause. The slope should be regraded to conform to the design.

- The source of ponding at the bottom of the west slope of the Leachate Collection Pond should be investigated to determine if it is correlated to the recent floatation event.

Operational Issues:

- Maintain the vegetation along the interior and exterior slopes of the Interim Leachate Collection Pond, West Sedimentation Pond, and the East Sedimentation Pond. Address the interior and exterior erosion as needed to maintain integrity of the ponds.

- Continue to conduct field surveys to measure current topography and compare to design geometry. Regrade surface to conform to design if needed. Areas near final completion grade are recommended to be capped, closed, and vegetated. Further engineering evaluation of slope stability may be warranted, if deformations, steepened slopes, or sloughing indicate potential for significant instabilities.

Maintenance Issues:

- Clear vegetation at the culvert headwall near the West Sedimentation Pond to maintain flow into the culverts.

- Backfill the documented animal burrows with compacted native soils or a mud-pack of soil and cement, ensuring all voids are filled and the entrance(s) are properly sealed.

5.0 REFERENCES

Hull & Associates, Inc. (2009). "Ohio Valley Electric Corporation. Kyger Creek Plant Landfill, Phase 1 Construction Plans. Class III Residual Waste Facility. Cheshire, Ohio." Prepared for American Electric Power, Columbus, Ohio. March 19. Toledo, Ohio.

Hull & Associates, Inc. (2008a). Volume I of IV. Class III Residual Waste Permit to Install Application. Ohio Valley Electric Corporation. Kyger Creek Plant. Residual Waste Landfill. Gallia County, Cheshire, Ohio. Revised December.

Hull & Associates, Inc. (2008b). "Ohio Valley Electric Corporation. Kyger Creek Plant Landfill, Permit to Install Plans. Class III Residual Waste Facility. Cheshire, Ohio." Prepared for American Electric Power, Columbus, Ohio. November 20. Toledo, Ohio.

Ohio Environmental Protection Agency (Ohio EPA) (2022). Alteration Request – Bottom Liner Design – Approval. Letter from Mark Mansfield (Ohio EPA) to Gabriel Coriell (OVEC). Ohio Valley Electric Corporation. Kyger Creek Station Landfill. PTI – Long Term Approval. Residual Solid Waste Landfills. Gallia County. RSWL018814. April 13.

Ohio Environmental Protection Agency (Ohio EPA) (2020). Alteration Request – Bottom Liner Design – Approval. Letter from Mark Mansfield (Ohio EPA) to Gabriel Coriell (OVEC). Ohio Valley Electric Corporation. Kyger Creek Station Landfill. PTI – Long Term Approval. Residual Solid Waste Landfills. Gallia County. RSWL018814. August 11.

Ohio Environmental Protection Agency (Ohio EPA) (2009). Ohio Environmental Protection Agency, Permit to Install. FINAL. Application Number 06-08283. Received March 15, 2007. Ohio Valley Electric Corporation Kyger Creek Plant Landfill. New Residual Solid Waste Landfill. Effective Date: *not listed*.

Ohio Valley Electric Corporation (OVEC) (2025). https://www.ovec.com/CCRKyger.php. Accessed October 2025.

Ohio Valley Electric Corporation (OVEC) (2025). "Kyger Creek Landfill End of 2024 Landfill Topographic Map." Drawing No. KYG- 270834-1-R18, Revision date February 18, 2025. NAD83/NAVD88 Ohio South.

Ohio Valley Electric Corporation (OVEC) (2016). Closure Plan. CFR 257.102(b). CCR Landfill. Kyger Creek Station. Cheshire, Ohio. October.

Ohio Valley Electric Corporation (OVEC) (2025). 7-Day Inspection Checklist. Kyger Creek Plant Landfill. Weekly reports for November 7, 2024 through October 30, 2025.

APPENDIX A

Figures

OVEC/IKEC
Ohio Valley Electric Corporation / Indiana-Kentucky Electric Corporation

Stantec

0 1,000 2,000 Feet
1:14,400 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Background: Google Earth
3.Ortho-Imagery represents conditions as of April 2025.

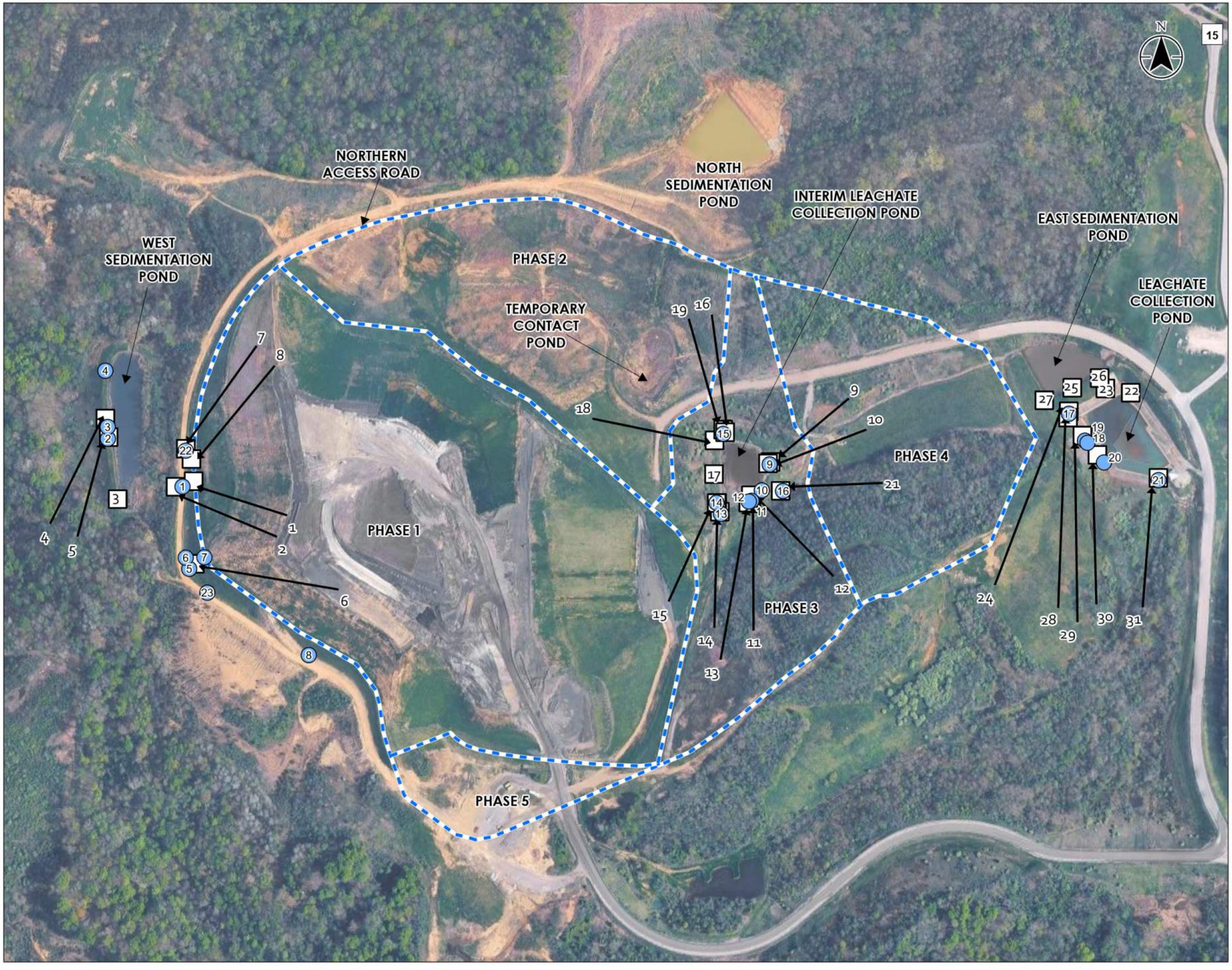
Project Location
Kyger Creek Station
Gallia County, OH

173410748
Prepared by ANP on 1/8/2026 4:04 PM
Technical Review by JS on 1/8/2026 4:04 PM
Independent Review by JSH on 1/8/2026 4:04 PM

Client/Project
Ohio Valley Electric Corporation
Kyger Creek Station

Figure No.
1

Title
2025 Annual CCR Facility Inspections - Station Overview



OVEC/IKEC
Ohio Valley Electric Corporation / Indiana-Kentucky Electric Corporation

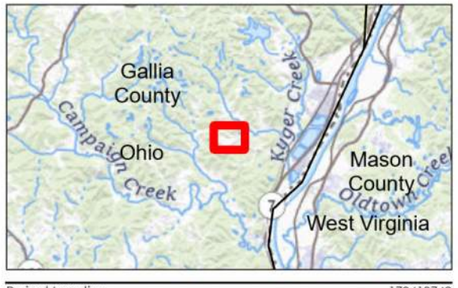
Stantec

Legend

- Photo Location
- 2025 Inspection Locations

0 200 400 Feet
1:4,200 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet
2. Background: Google Earth
3. Ortho-Imagery represents conditions as of April 2025.



Project Location
Kyger Creek Station
Gallia County, OH

173410748
Prepared by ANP on 1/28/2026 9:44 AM
Technical Review by JS on 1/28/2026 9:44 AM
Independent Review by JSH on 1/28/2026 9:44 AM

Client/Project
Ohio Valley Electric Corporation
CCR Landfill

Figure No.
2

Title
2025 Annual CCR Landfill Inspection

Kyger Creek CCR Landfill
Gallia County, Ohio
GPS Data Points
2025 Annual Inspection

Point ID No.	Photo ID No(s).	Comment	Latitude	Longitude	Location
1	1, 2, 3	West Sedimentation Pond culverts	38.925004	-82.169498	West Sedimentation Pond
2	5	Possible animal burrow	38.925465	-82.170412	West Sedimentation Pond
3	4	Possible active animal burrow	38.925578	-82.170414	West Sedimentation Pond
4		Possible headscarp. Similar to last inspection.	38.926117	-82.170440	West Sedimentation Pond
5	6	Lack of vegetation	38.924216	-82.169419	Phase 1
6	6	Toe of slope	38.924322	-82.169462	Phase 1
7	6	Top of slope measurement	38.924326	-82.169233	Phase 1
8		Slope point. 15 degrees	38.923380	-82.167956	Phase 1
9	9, 10	Separating crack	38.925196	-82.162289	Interim Leachate Collection Pond
10	11, 12, 13	Separating crack	38.924947	-82.162386	Interim Leachate Collection Pond
11	11, 12, 13	Separating crack	38.924848	-82.162513	Interim Leachate Collection Pond
12	11, 12, 13	Erosion gulley on interior slope	38.924840	-82.162546	Interim Leachate Collection Pond
13	14, 15	Exposed liner. Sediment buildup at pipe outlet	38.924723	-82.162888	Interim Leachate Collection Pond
14	14, 15	Separation of west interior slope	38.924831	-82.162943	Interim Leachate Collection Pond
15	16, 18, 19	Separation of interior slope	38.925490	-82.162859	Interim Leachate Collection Pond
16	21	South exterior slope scarp	38.924940	-82.162126	Interim Leachate Collection Pond
17	24, 28	Dislodged concrete from liner	38.925670	-82.158612	Leachate Collection Pond
18	29	Vegetation on riprap slope	38.925412	-82.158417	Leachate Collection Pond
19	29	Wet gravel at base of slope/top of concrete revetment	38.925391	-82.158386	Leachate Collection Pond
20	30	Water pooled at base of slope	38.925202	-82.158184	Leachate Collection Pond
21	31	Tree growth in outlet	38.925031	-82.157515	Leachate Collection Pond
22	7, 8	Slope measurement. 13 degrees	38.925348	-82.169456	Phase 1
23		Slope measurement. 12 degrees	38.923987	-82.169198	Phase 1

APPENDIX B

Photographic Log

Photo 1 (Point 1) – dense vegetation at inlet of culvert leading to West Sedimentation Pond.

Photo 2 (Point 1) – dense vegetation at outlet of culvert leading to West Sedimentation Pond.

Photo 3 - West Sedimentation Pond – dense vegetation on crest and slope.

Photo 4 (Points 2 and 3) - West Sedimentation Pond – possible animal burrow.

Photo 5 - West Sedimentation Pond – west exterior slope mature tree growth.

Photo 6 (Points 6 and 7) - Phase 1 - west exterior slope, typical.

Photo 7 (Point 22) - Phase 1 - west exterior slope, typical.

Photo 8 (Point 5) - Phase 1 – west exterior slope sparse vegetation.

Photo 9 - Interim Leachate Collection Pond – east crest dense vegetation.

Photo 10 (Point 9) - Interim Leachate Collection Pond – east crest cracking.

Photo 11 (Point 10)- Interim Leachate Collection Pond – crest cracking on southern end.

Photo 12 (Point 12) – Interim Leachate Collection Pond – erosion at toe of east interior slope.

Photo 13 (Point 11) - Interim Leachate Collection Pond – crest cracking on southern end.

Photo 14 (Point 13) – Interim Leachate Collection Pond – south side sediment buildup at pipe outlet.

Photo 15 (Point 14) – Interim Leachate Collection Pond – west side crest separation.

Photo 16 (Point 15) – Interim Leachate Collection Pond – west side crest separation.

Photo 17 (Point 15) - Interim Leachate Collection Pond – west side crest separation.

Photo 18 (Point 15) - Interim Leachate Collection Pond – west side crest separation.

Photo 19 – Interim Leachate Collection Pond – north side erosion.

Photo 20 – Interim Leachate Collection Pond – west side, typical.

Photo 21 (Point 16) - Interim Leachate Collection Pond – southeast exterior slope tree growth and dense vegetation.

Photo 22 – Leachate Collection Pond – east crest looking west.

Photo 23 – Leachate Collection Pond – north interior slope dense vegetation.

Photo 24 (Point 17) – Leachate Collection Pond – northwest concrete cracking.

Photo 25 – East Sedimentation Pond – southeast interior slope dense vegetation.

Photo 26 – Leachate Collection Pond – north interior slope dense vegetation.

Photo 27 – East Sedimentation Pond – west interior slope dense vegetation.

Photo 28 – Leachate Collection Pond – west interior slope dense vegetation.

Photo 29 (Point 19) – Leachate Collection Pond – wet spot at toe of west interior slope.

Photo 30 (Point 20) - Leachate Collection Pond – wet spot at toe of west interior slope.

Photo 31 (Point 21) – Leachate Collection Pond – south slope vegetation growth in rip rap.

APPENDIX C

Reference Drawings

DWG. NO. 15-30501-13-D

GENERAL PHASING CHART		
DRAWING NO.	ACTIVE RESIDUAL WASTE FILLING	FILLED TO PHASING GRADE
37	PHASE 1	-
37	PHASE 2	PHASE 1
38	PHASE 3	PHASES 1 AND 2
38	PHASE 4	PHASES 1, 2 AND 3
39	PHASE 5	PHASES 1, 2, 3 AND 4
39	PHASE 6 - FINAL CLOSURE	PHASES 1, 2, 3, 4 AND 5

NOTES:

1) EXCAVATION AHEAD OF THE AREA THAT WILL BE CONSTRUCTED IS NECESSARY FOR THE PROPER OPERATION OF THE FACILITY.

2) THE SIZE OF THE ACTIVE FACE AND TIMING OF FINAL GRADE PLACEMENT LISTED IS BASED ON WHAT IS FEASIBLE PER THE OPERATIONS OF THE FACILITY. FINAL COVER AND INTERMEDIATE COVER WILL BE PLACED AS NEEDED WHEN FINAL GRADES ARE REACHED. SEE PHASING ON DRAWINGS 37 THROUGH 39 FOR MORE INFORMATION.

LEGEND - EXISTING

- PROPERTY LINE
- 730 10-FOOT CONTOUR INTERVAL
- 745.6 SPOT ELEVATION
- TREE LINE
- BUILDING
- (MT) MORGANTOWN SANDSTONE SPRING
- (CN) CONNELLSVILLE SANDSTONE SPRING

LEGEND - PROPOSED

- WASTE LIMIT
- FILL PROGRESSION
- WIND6 PREVAILING WIND DIRECTION
- PHASE DIVISION LINE
- FACILITY BOUNDARY/ AREA OF DISTURBANCE

PHASE 1

PHASE 2

PHASE 3

PHASE 4

PHASE 5

E 2062500 E 2063000 E 2063500 E 2064000 E 2064500 E 2065000 E 2065500

N 337000 N 336500 N 336000

0 50 100 200
SCALE IN FEET

PREVAILING WIND INFORMATION:

WIND6 WIND6 WIND6 WIND6

PREDOMINANT WINDS OUT OF THE SOUTHWEST

NOTES:

1) AERIAL TOPOGRAPHY SHOWN WAS OBTAINED FROM HENDERSON AERIAL SURVEYS INC. (DATE OF PHOTOGRAPHY: 3-17-05). ADDITIONAL TOPOGRAPHY TO THE NORTH, SOUTH AND EAST WAS TAKEN FROM THE ADDISON, OHIO USGS QUADRANGLE DATED 1981.

2) SEE DRAWINGS 37 THROUGH 39 FOR SPECIFIC PHASING INFORMATION.

3) ABOVE-GRADE RESIDUAL WASTE PLACEMENT TO ACHIEVE CONTOURS SHOWN ON DRAWING 19. FINAL GRADE TO ACHIEVE CONTOURS SHOWN ON DRAWING 20.

4) PHASES MAY BE DIVIDED INTO SMALLER SUBPHASES BASED ON ANTICIPATED FILLING NEEDS, CONSTRUCTION CONDITIONS, ETC.

REFERENCE DRAWINGS

DATE	NO.	DESCRIPTION	APPD.
11/29/08	D	NOD 3 RESPONSE	
5/28/08	C	NOD 2 RESPONSE	JHH
4/24/07	B	NOD 1 RESPONSE	JHH
3/28/07	A	ISSUED FOR PERMIT	JHH

REVISIONS

s:/mt/15/geo_hydro_site/vendor/hull/15-30501-09

Hull & Associates, Inc.
ENGINEERS | GEOLOGISTS | SCIENTISTS | PLANNERS
6397 EMERALD PARKWAY
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STATE OF OHIO
JOHN HARRISON HULL
E-46128
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

11/29/08
DATE

PROJECT NO.:	AP0008
FILE NO.:	AP0008.100.0016
LAYOUT BY:	TRB
DRAWN BY:	DAC/DB
CHECKED BY:	AWG/JHH
SCALE:	1"=100'
SUBMITTAL DATE:	MAY 2008

OEPA DRAWING NO. 3G

DRAWING 13 OF 56

OHIO VALLEY ELECTRIC CORP.

KYGER CREEK PLANT

CHESHIRE OHIO

KYGER CREEK PLANT LANDFILL

GENERAL PHASING PLAN

DWG. NO. 15-30501-13-D

SCALE: 1"=100'

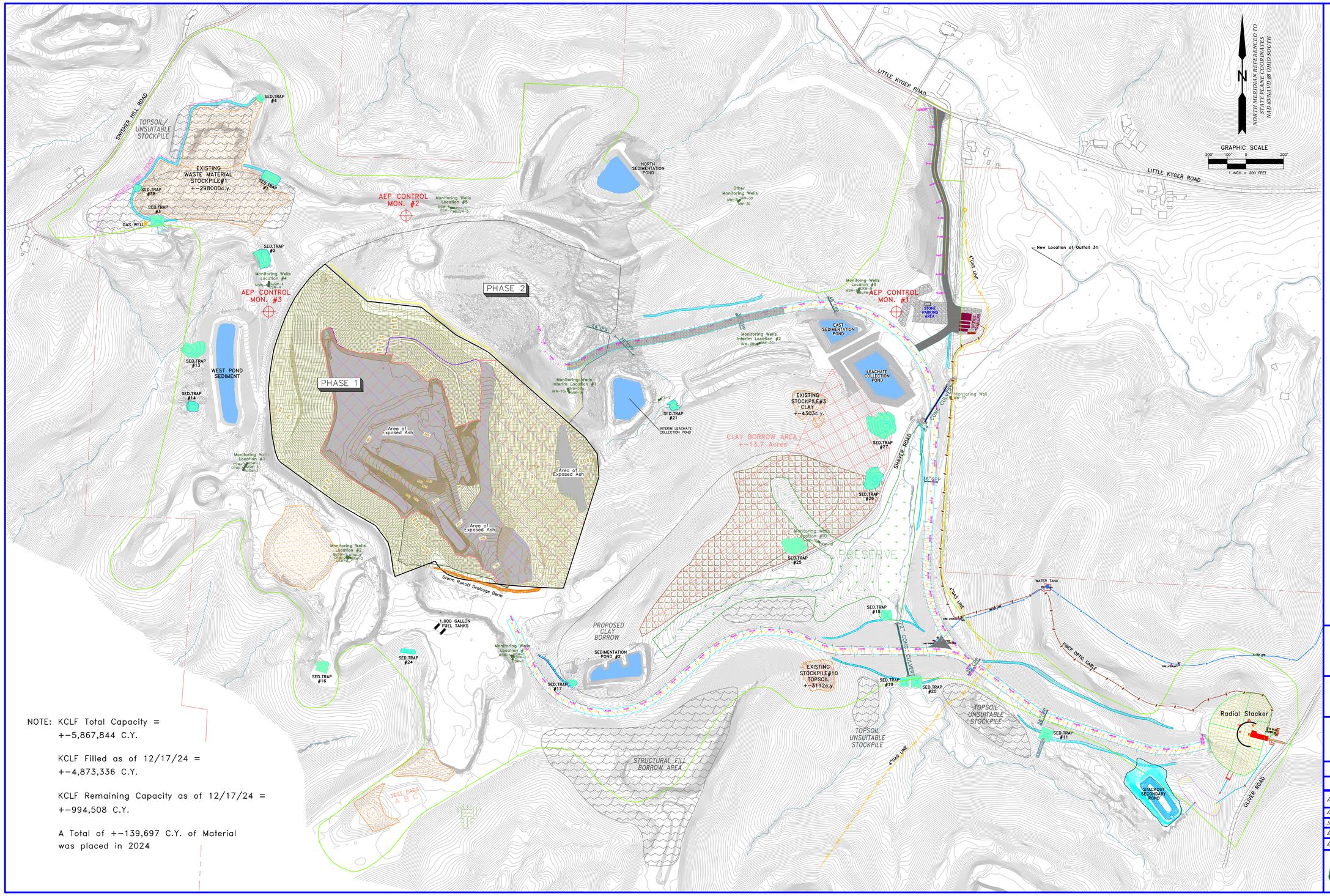
CIVIL ENGINEERING DIVISION

DR:	
CH:	
ENGR:	
PROJ. ENGR.:	
DATE: 11/7/08	

APPROVED BY

AEP AMERICAN ELECTRIC POWER

1 RIVERSIDE PLAZA
COLUMBUS, OH 43215



NOTE: KCLF Total Capacity = +-5,867,844 C.Y.

KCLF Filled as of 12/17/24 = +-4,873,336 C.Y.

KCLF Remaining Capacity as of 12/17/24 = +-994,508 C.Y.

A Total of +-139,697 C.Y. of Material was placed in 2024

LEGEND

- Denotes O.V.E.C. Boundary Line
- Denotes Permit Limits
- Denotes Super Silt Fence
- Denotes Diversion Ditch
- Denotes Gas Line
- Denotes Water Line
- Denotes Fiberoptic Line
- Denotes Culverts
- Denotes Creeks/Drains
- Denotes Woven Wire Fence
- Denotes Guardrail 2008
- Denotes Guardrail 2009
- Denotes Waste Limits
- Denotes Sediment Traps
- Denotes Sediment Pond
- Denotes Preserve Area
- Denotes Actual Clay Borrow Area
- Denotes Rip Rap
- Denotes Pavement
- Denotes Gravel
- Denotes Concrete
- Denotes Phase 1 Limits of Waste
- Denotes End of 2024 Contours
- Denotes 2024 Work Phase
- Denotes 2025 Work Phase
- Denotes Transitional or Protective Cover
- Denotes Storm Drainage Berm

OHIO VALLEY ELECTRIC COMPANY

KYGER CREEK LANDFILL

CHESHIRE OHIO

KYGER CREEK LANDFILL END OF 2024 LANDFILL TOPOGRAPHIC MAP

NAD 83 / NAVD 88 OHIO SOUTH

CONTOUR INTERVAL = 2 Feet

Drawing Name: KYGER CREEK LANDFILL TOPOGRAPHIC MAP 2024

Drawing Number: KYG - 270834 -1 -R18

SCALE: 1" = 200'

Drawing Date: 02-18-2025

Drawn By: R. A. Shouldis

OVEC IKEC